Ontario

We are committed to providing accessible customer service.
If you need accessible formats or communications supports, please contact us.

Nous tenons à améliorer l'accessibilité des services à la clientèle.
Si vous avez besoin de formats accessibles ou d'aide à la communication, veuillez nous contacter.

# AGNICO EAGLE MINES LIMITED
# SUMMARY REPORT FOR THE 2018-2019
# DRILL PROGRAM FOR UPPER CANADA PROJECT,
# GAUTHIER TOWNSHIP,
# LARDER LAKE MINING DIVISION

Prepared By:
Mélanie L. Bouchard, P.GEO

December 10, 2019

# TABLE OF CONTENTS

1.0 INTRODUCTION ..... 1
2.0 PROPERTY, LOCATION AND ACCESS ..... 13
3.0 PREVIOUS WORK ..... 18
4.0 GEOLOGY OF UPPER CANADA PROPERTY ..... 20
5.0 2018-2019 DRILL PROGRAM INTRODUCTION ..... 28
**5.1 2018 DRILLING PROGRAM** ..... 29
**Upper L Zone and H Zone gap area** ..... 29
**Exploration targets** ..... 29
**Northland zone** ..... 30
**K zone targets** ..... 31
**C zone** ..... 31
**HMQ zone** ..... 32
**5.2 2019 DRILLING PROGRAM** ..... 34
**K zone** ..... 34
**Northland zone** ..... 34
**C zone** ..... 34
**B zone** ..... 35
**Upper L zone** ..... 35
6.0 CORE LOGGING, SAMPLING AND ASSAYING ..... 38
7.0 DRILLING RESULTS ..... 41
**7.1 Northland zone** ..... 41
***7.1.1 Northland east zone*** ..... 41
***7.1.2 Northland West Zone*** ..... 44
**7.2 K zone targets** ..... 44
**7.3 C zone** ..... 45
**7.4 Brock zones** ..... 48
**7.5 B Zone** ..... 48
**7.6 Upper L zone** ..... 49
**7.7 HMQ zone** ..... 51
***7.7.1 H Zone*** ..... 51
***7.7.2 MQ zones*** ..... 52
***7.7.3 MQ North Zones*** ..... 53

8.0 GEOCHEMICAL CHARACTERIZATION ..... 55
9.0 INTERPRETATIONS ..... 58
10.0 RECOMMENDATIONS ..... 58
**10.1 Northland zone** ..... 58
**10.2 C zone** ..... 59
**10.4 HMQ zones** ..... 59
**10.5 Areas North of L and B Zones** ..... 60
11.0 REFERENCES ..... 61
12.0 STATEMENT OF QUALIFICATIONS ..... 62

# LIST OF FIGURES

Figure 1. Agnico Eagle Mines Ltd. (AEM) Upper Canada (UC) Property location showing AEM's claim cells (pale yellow boxes) and UC Property (medium yellow boxes). ..... 4
Figure 2. A map of the Upper Canada Property outline showing the claim cells (pale yellow boxes) and patents (medium yellow boxes). ..... 5
Figure 3. Upper Canada Property showing the 2018-2019 drilling program drill-hole collars and traces with the patents and claims. ..... 6
Figure 4. Upper Canada Property showing the western portion of the 2018-2019 drilling program drill-hole collars and traces with the patents and claims. ..... 7
Figure 5. Upper Canada Property showing the eastern portion of the 2018-2019 drilling program drill-hole collars and traces with the patents and claims. ..... 8
Figure 6. Regional geological setting (from Bernier and Chartier, 2018). Agnico Eagle Mines Limited (AEM) Kirkland Lake Project outlined in orange and Upper Canada Property outlined in red. ..... 22
Figure 7. Geology of the Upper Canada Property (outlined in red). ..... 25
Figure 8. Plan view map showing the gold mineralized zones on the Upper Canada Property. Solid black line indicates the orientation of longitudinal section in Figure 9. ..... 26
Figure 9. Longitudinal section (looking north) showing the distribution and trends of the mined out stopes on C, L and HMQ zones and the estimated distribution of the Northland and K zones on the Upper Canada Property. ..... 27
Figure 10. Plan view map showing the location of drill holes from the 2018-2019 program on the Upper Canada Property. Solid black line indicates the orientation of longitudinal section in Figure 11. ..... 36
Figure 11. Longitudinal section (looking north) showing the 2018 drill hole traces shown as solid black lines and 2019 drill hole traces shown as solid blue lines. ..... 37
Figure 12. Diagram of the internal geochemical study on C zone. Plot showing the pXRF data with the three main lithogeochemical units. Cross section (looking east) showing the distribution of domains in 2018-2019 drilling on C zone. ..... 56
Figure 13. Diagram of the internal geochemical study on Northland zone. Plot showing the pXRF data with the three main lithogeochemical units. Cross section (looking east) showing the distribution of domains in 2018-2019 drilling on Northland zone. ..... 57

# LIST OF TABLES

Table 1- 1. 2018 Drill hole Collar Data Summary. ..... 9
Table 1- 2. List of claims and patents with meters drilled in the 2018 drilling program. ..... 10
Table 1- 3. 2019 Drill hole Collar Data Summary. ..... 11
Table 1- 4. List of claims and patents with meters drilled in the 2019 drilling program. ..... 12

Table 2- 1. List of Upper Canada claims. ..... 14
Table 2- 2. List of Patents for the Upper Canada Property. ..... 15

Table 7-1. Assay highlights from Northland east zone. ..... 42
Table 7-2. Assay highlights from Northland west zone. ..... 44
Table 7-3. Assay highlights from K zone. ..... 45
Table 7-4. Assay highlights from C zone. ..... 47
Table 7-5. Assay highlights from Brock and B zones. ..... 49
Table 7-6. Assay highlights from Upper L zone. ..... 50
Table 7-7. Assay highlights from HMQ zones. ..... 53

Table 1. Summary of 2018-2019 drilling program expenditures ..... 63

# LIST OF APPENDICES

Appendix A – Diamond Drill logs

Appendix B –Drill plans and Cross sections

Appendix C – Assay Certificates

Appendix D – ALS Invoices

Appendix E – Diamond Drilling Invoices

Appendix F – Reflex Gyro Invoices

## 1.0 INTRODUCTION

On July 27th, 2018 to October 20th, 2018 (totaling 86 days) and November 19th, 2018 to December 21th, 2018 (totaling 33 days), Agnico Eagle Mines Limited (AEM) conducted a surface exploration drilling program on the Upper Canada (UC) property (former Upper Canada Mine site) in Gauthier Township, northeastern Ontario, Canada (Figure 1 and 2). The purpose of this drilling was to explore extensions and trends of known zones as well as new exploration targets. The purpose of the drilling was to test a gap area between Upper L and H zone, extensions of Northland, K, C, B, Upper and Lower L, and HMQ zones, and other exploration targets.

On June 14th 2018, Agnico Eagle Mines Limited awarded a contract to Forage Asinii Drilling, of Notre-Dame-du-Nord, QC, Canada. Drilling commenced on July 27th, 2018, starting with targets aimed to test the gap area between the Upper L and H zones. On October 5th, 2018, the contract with Forage Asinii was amended to Asinii Drilling Canada Inc. of New Liskeard, ON, Canada. After a temporary break in drilling activities between October 20th, 2018 and November 19th, 2018, drilling resumed on the initial planned targets. On September 15th, 2018, a contract was award to a Major Drilling Group International Inc. of Winnipeg, MB. From November 19th, 2018 to December 21st, 2018, both Asinii and Major Drilling completed holes on the Upper Canada Property. The 2018 drilling program consisted of 31 holes and 12,304 metres (Table 1-1) that were drilled on 24 patented claims (PAT-18792, PAT-18793, PAT-18794, PAT-18795, PAT-18796, PAT-18797, PAT-18798, PAT-18799, PAT-18800, PAT-18804, PAT-18808, PAT-18809, PAT-18811, PAT-18812, PAT-18816, PAT-18817, PAT-18819, PAT-18820,

PAT-18821, PAT-18822, PAT-18823, PAT-18824, PAT-18825, PAT-18834; Figure 3 to 5 and Table 1-2) and 1 claim cell (29884).

From January 8th, 2019 to July 23, 2019 (totalling 197 days) the drilling program commenced in the summer of 2018 resumed with one rig from Asinii Drilling Canada Inc. and briefly one rig from Major Drilling (January 8th to January 10th, 2019; 3 days) with targets on Northland, C, Upper L and B zone. The 2019 drilling program consisted of 24 holes and 10,308 metres (Table 1-3) that were drilled on 14 patented claims (PAT-18795, PAT-18797, PAT-18799, PAT-18800, PAT-18810, PAT-18813, PAT-18816, PAT-18817, PAT-18819, PAT-18820, PAT-18821, PAT-18822, PAT-18825, PAT-18834; Figures 3 to 5 and Table 1-4) and 1 claim cell (235560).

The 2018-2019 drilling program at Upper Canada was completed on July 27th, 2019 with a total of 55 holes (includes completed and abandoned holes) and 22,616 metres drilled. The drill collar locations were located in UTM coordinates, NAD83 –Zone 17 CSRS 2010 by AEM surveying personnel utilizing a differential GPS and all drill holes are NQ diameter. All work completed during the 2018 and 2019 drilling program was conducted on patented mining claims and therefore was not subject to the Ontario exploration permit/plan system.

The results of the 2018-2019 drilling program on the Upper Canada property provided new information on the east-western extents of the Northland zone and suggest more investigation is required, gold intercepts of Brock and B zones suggest more investigation

and drilling is required in the areas north of B zone to better understand trends and controls on gold mineralization, and potential gold horizons discovered to the north of MQ zones with 220 g/t Au over 0.5 m returned on H zone. An internal detailed study focusing on the C zone, identified three broad lithogeochemical domains and highlighted the presence of a chemically favorable unit for gold mineralization, which was confirmed by drilling a western step out from main C zone during the 2018-2019 drilling program.

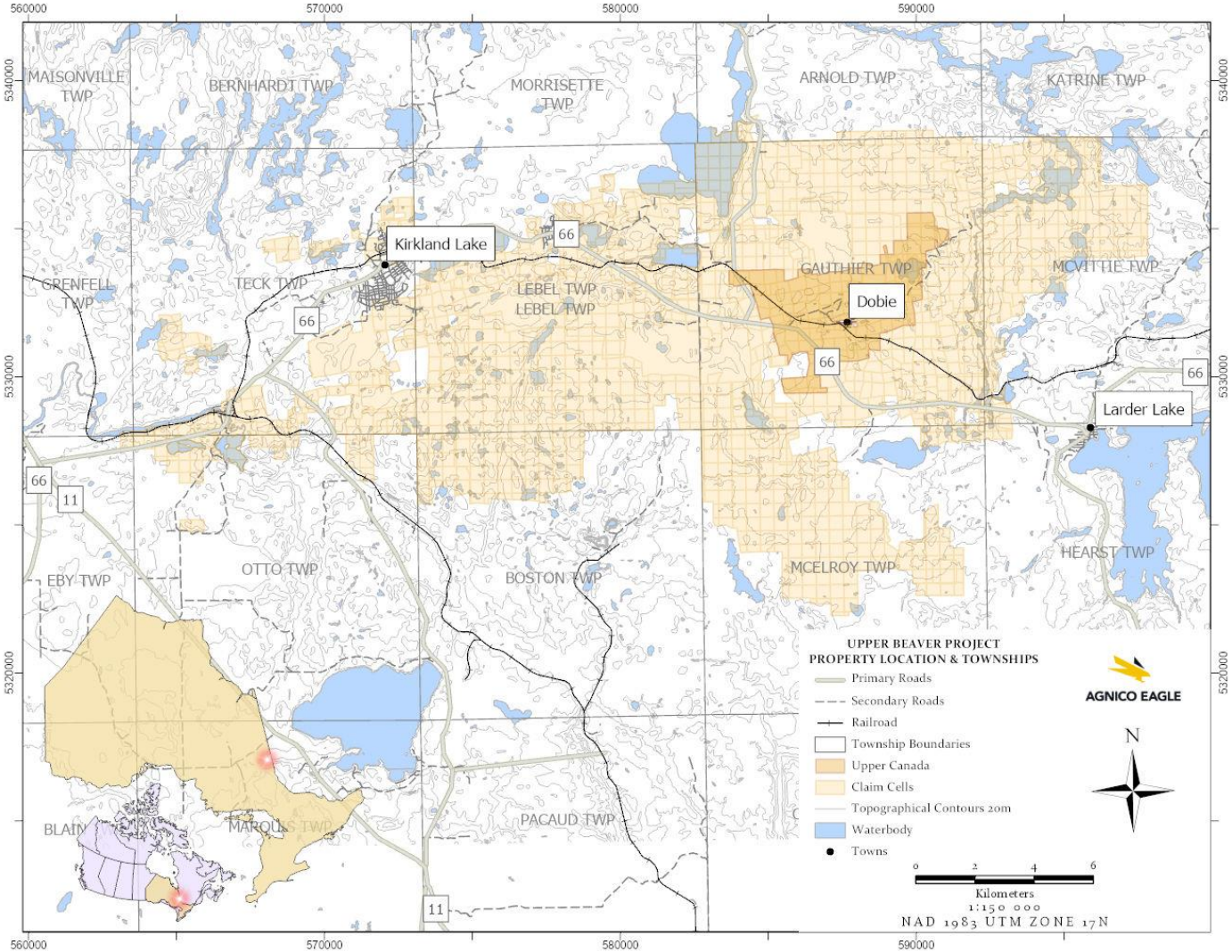



Figure 1. Agnico Eagle Mines Ltd. (AEM) Upper Canada (UC) Property location showing AEM's claim cells (pale yellow boxes) and UC Property (medium yellow boxes).

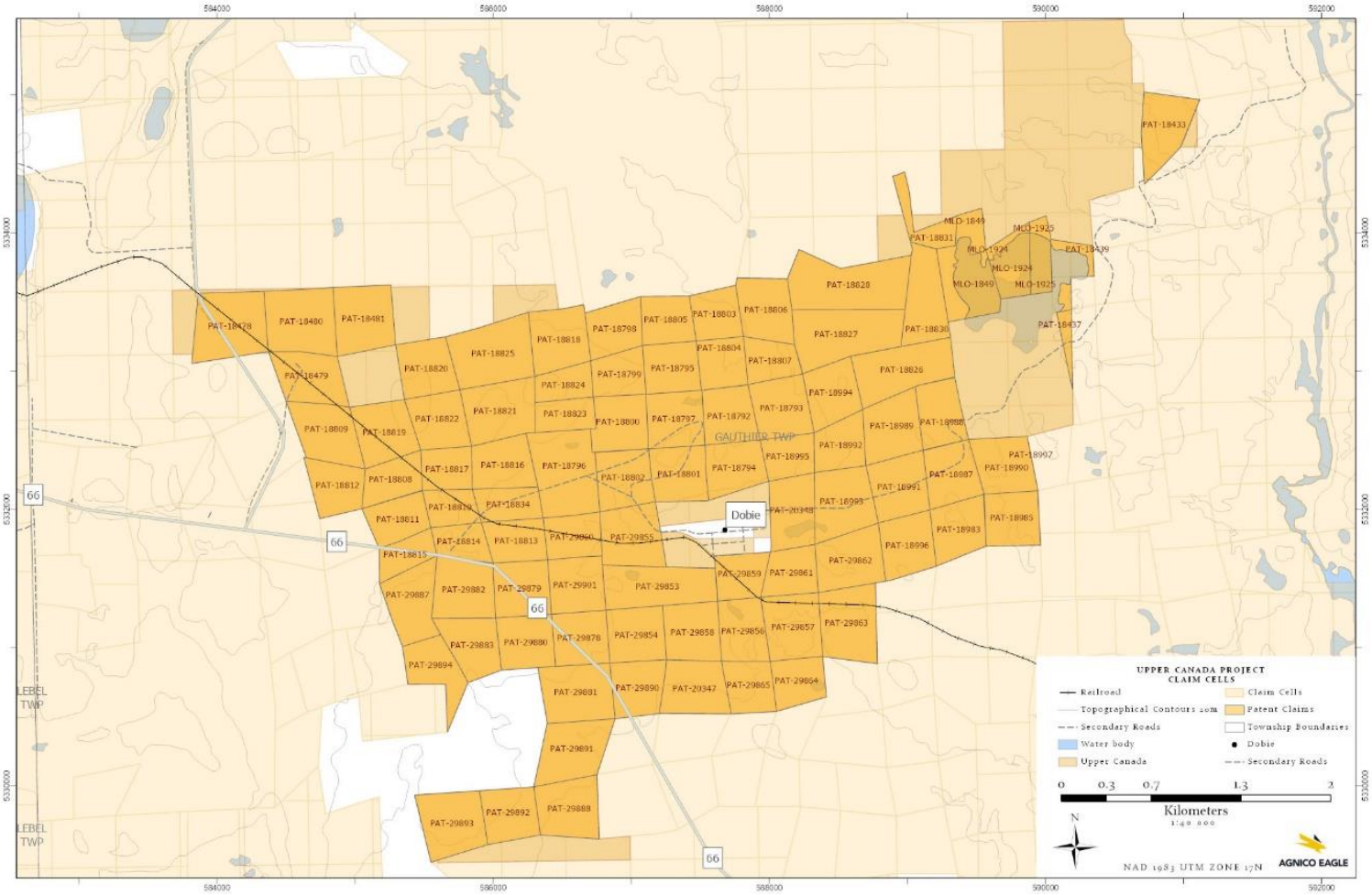



Figure 2. A map of the Upper Canada Property outline showing the claim cells (pale yellow boxes) and patents (medium yellow boxes).

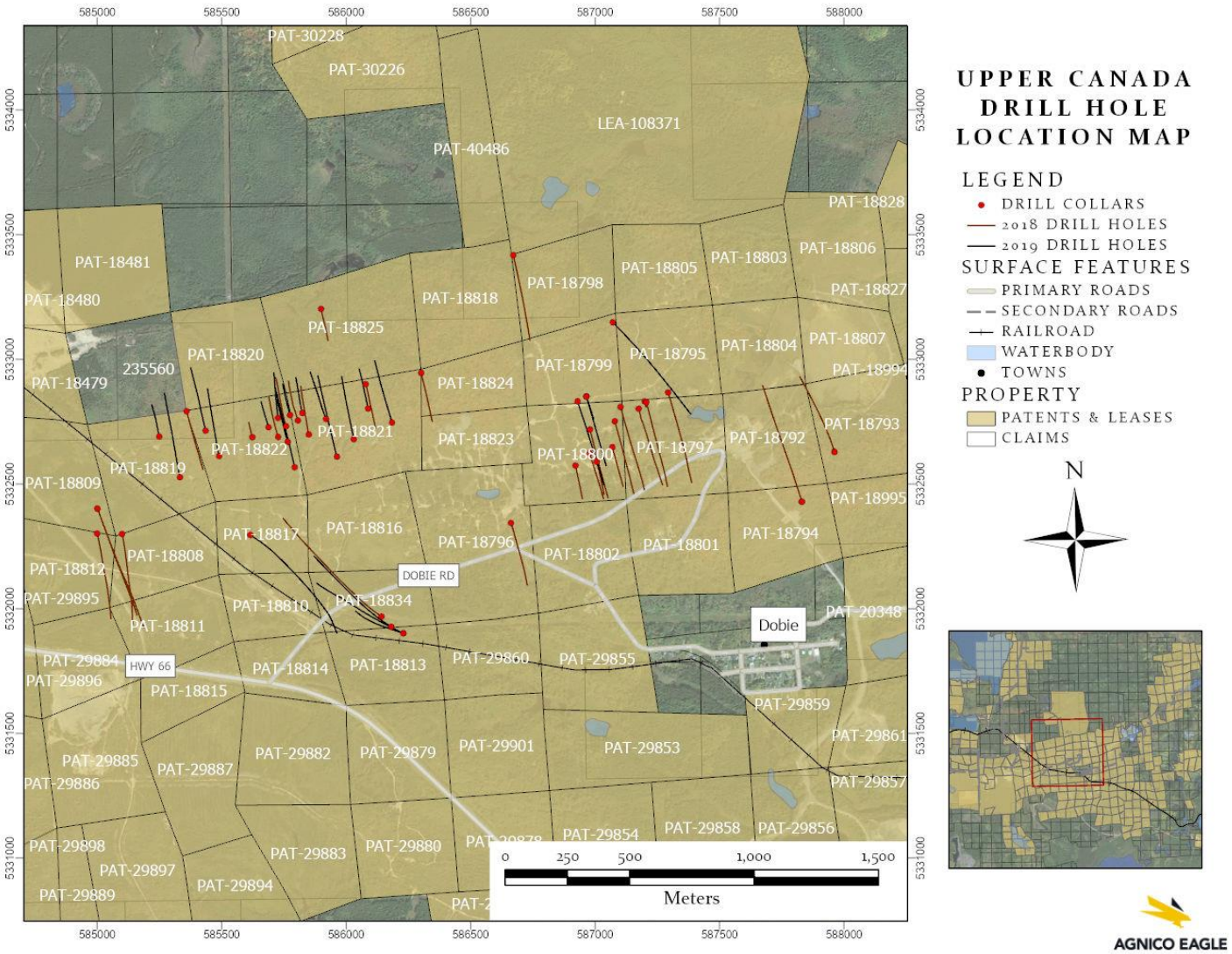



Figure 3. Upper Canada Property showing the 2018-2019 drilling program drill-hole collars and traces with the patents and claims.

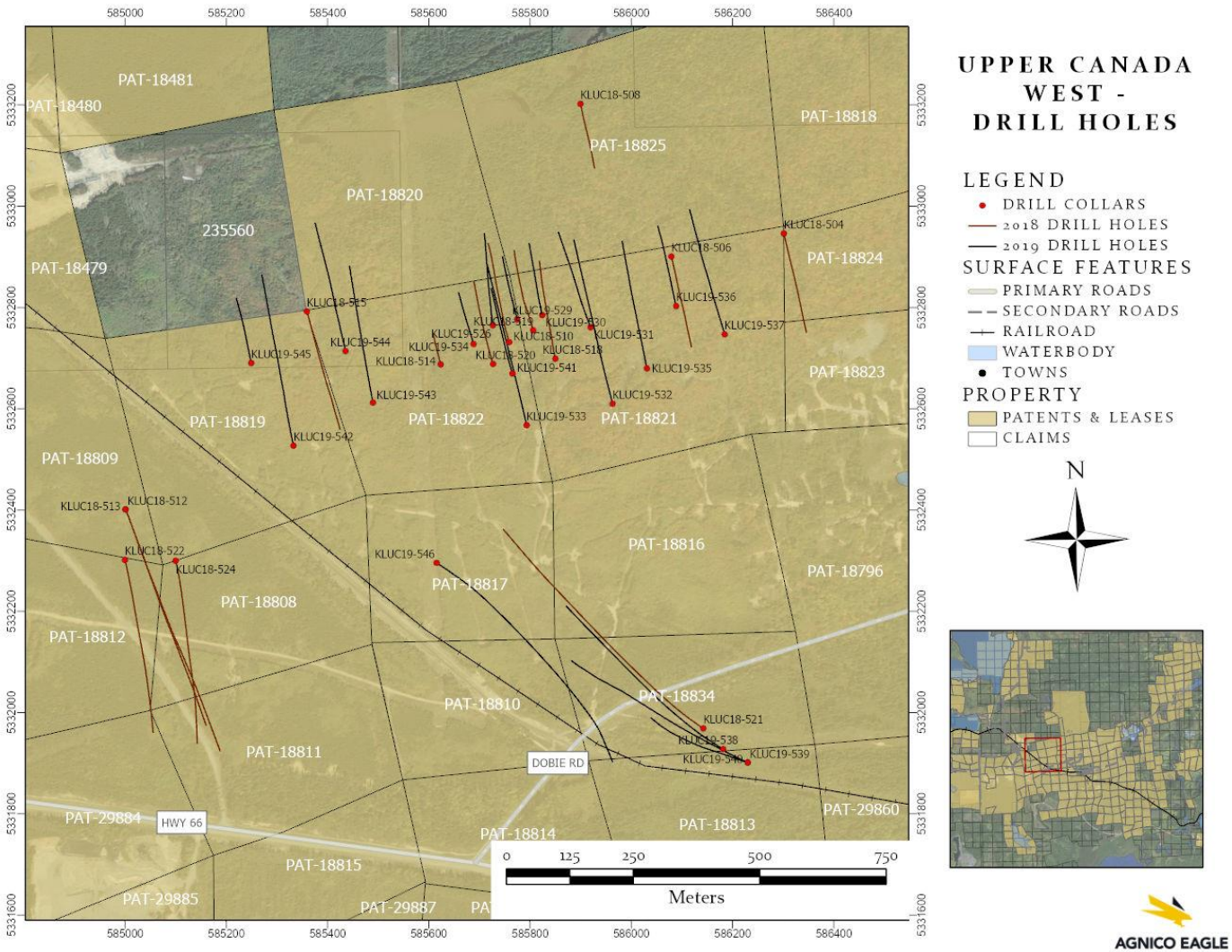



Figure 4. Upper Canada Property showing the western portion of the 2018-2019 drilling program drill-hole collars and traces with the patents and claims.

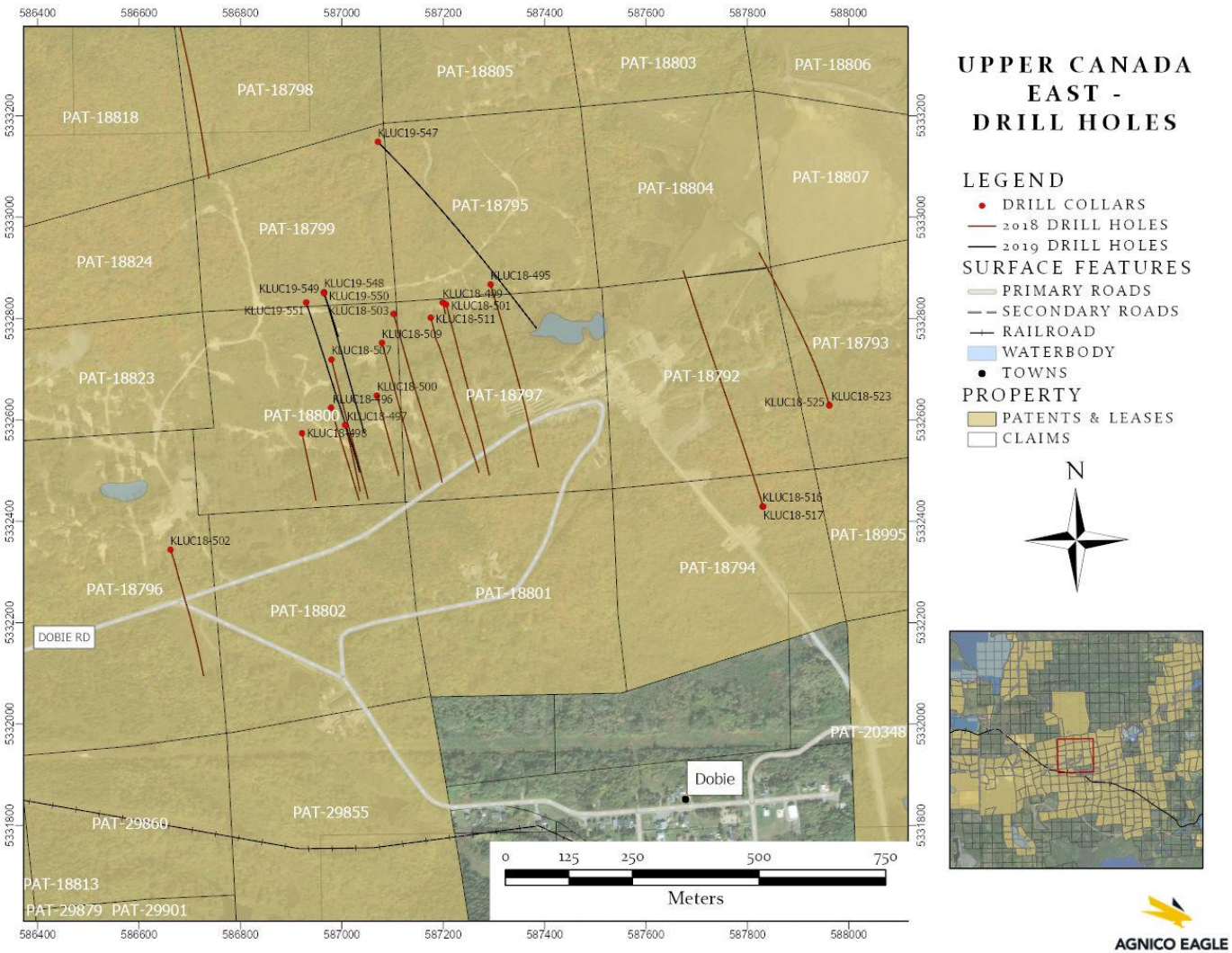



Figure 5. Upper Canada Property showing the eastern portion of the 2018-2019 drilling program drill-hole collars and traces with the patents and claims.

Table 1- 1. 2018 Drill hole Collar Data Summary.

| UPPER CANADA 2018 DRILL HOLE SUMMARY | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hole ID | Claim No. | Collar coordinates | | | Hole | | Length (m) | Total number of samples | | | | |
| | | Easting (UTM) | Northing (UTM) | Elev. | Azimuth (TN) | Dip | | Collected | Assayed (Au) | QAQC | Whole Rock Analysis | Specific gravity |
| KLUC18-495 | PAT-18795 | 587294 | 5332867 | 327 | 163 | -62 | 675 | 534 | 471 | 63 | - | - |
| KLUC18-496 | PAT-18800 | 586979 | 5332624 | 330 | 165 | -59 | 360 | 284 | 250 | 34 | - | - |
| KLUC18-497 | PAT-18800 | 587006 | 5332590 | 330 | 165 | -65 | 300 | 234 | 207 | 27 | - | - |
| KLUC18-498 | PAT-18800 | 586921 | 5332574 | 332 | 165 | -65 | 300 | 236 | 207 | 29 | - | - |
| KLUC18-499 | PAT-18797 | 587199 | 5332831 | 329 | 165 | -63 | 48.1 | 20 | 18 | 2 | - | - |
| KLUC18-500 | PAT-18800 | 587069 | 5332648 | 328 | 165 | -64 | 351 | 275 | 242 | 33 | - | - |
| KLUC18-501 | PAT-18797 | 587206 | 5332828 | 329 | 165 | -62 | 675 | 541 | 475 | 66 | - | - |
| KLUC18-502 | PAT-18796 | 586662 | 5332344 | 330 | 162 | -62 | 513 | 246 | 210 | 29 | 7 | - |
| KLUC18-503 | PAT-18800 | 587102 | 5332809 | 329 | 163 | -64 | 687 | 565 | 498 | 67 | - | - |
| KLUC18-504 | PAT-18824 | 586301 | 5332946 | 357 | 165 | -44 | 273 | 229 | 202 | 27 | - | - |
| KLUC18-505 | PAT-18798 | 586671 | 5333418 | 336 | 165 | -59 | 689.5 | 537 | 468 | 65 | 4 | - |
| KLUC18-506 | PAT-18821 | 586079 | 5332900 | 353 | 165 | -45 | 261 | 218 | 190 | 26 | 2 | - |
| KLUC18-507 | PAT-18800 | 586980 | 5332719 | 330 | 165 | -63 | 552 | 428 | 377 | 51 | - | - |
| KLUC18-508 | PAT-18825 | 585900 | 5333202 | 347 | 166 | -59 | 252 | 198 | 172 | 24 | 2 | - |
| KLUC18-509 | PAT-18800 | 587079 | 5332752 | 328 | 164 | -61 | 552 | 440 | 387 | 53 | - | - |
| KLUC18-510 | PAT-18822 | 585759 | 5332732 | 351 | 345 | -46 | 282 | 249 | 219 | 30 | - | - |
| KLUC18-511 | PAT-18797 | 587175 | 5332802 | 328 | 165 | -57 | 552 | 428 | 376 | 52 | - | - |
| KLUC18-512 | PAT-18809 | 585001 | 5332401 | 348 | 155 | -45 | 366 | 291 | 253 | 35 | 3 | - |
| KLUC18-513 | PAT-18809 | 585001 | 5332401 | 348 | 156 | -53 | 351 | 285 | 251 | 34 | - | - |
| KLUC18-514 | PAT-18822 | 585623 | 5332688 | 350 | 347 | -46 | 84 | 2 | - | - | - | 2 |
| KLUC18-515 | PAT-18822 | 585359 | 5332792 | 362 | 162 | -51 | 375 | 319 | 280 | 39 | - | - |
| KLUC18-516 | PAT-18794 | 587830 | 5332429 | 335 | 345 | -53 | 36 | 25 | 23 | 2 | - | - |
| KLUC18-517 | PAT-18794 | 587831 | 5332429 | 335 | 342 | -54 | 678 | 680 | 581 | 82 | 17 | - |
| KLUC18-518 | PAT-18821 | 585850 | 5332699 | 353 | 345 | -46 | 273 | 251 | 218 | 30 | 3 | - |
| KLUC18-519 | PAT-18821 | 585806 | 5332755 | 352 | 342 | -50 | 249 | 221 | 193 | 26 | 2 | - |
| KLUC18-520 | PAT-18822 | 585727 | 5332689 | 352 | 344 | -50 | 258 | 217 | 189 | 26 | 2 | - |
| KLUC18-521 | PAT-18834 | 586142 | 5331969 | 329 | 303 | -48 | 792 | 645 | 543 | 75 | 27 | 48 |
| KLUC18-522 | PAT-18812 | 585000 | 5332302 | 346 | 166 | -48 | 492 | 375 | 329 | 45 | 1 | - |
| KLUC18-523 | PAT-18793 | 587962 | 5332629 | 331 | 345 | -54 | 506.5 | 411 | 357 | 49 | 5 | - |
| KLUC18-524 | PAT-18808 | 585100 | 5332300 | 349 | 167 | -45 | 501 | 392 | 333 | 45 | 14 | - |
| KLUC18-525 | PAT-18793 | 587962 | 5332628 | 331 | 345 | -66 | 19.5 | - | - | - | - | - |
| | | | | | **TOTAL** | | **12304** | **9776** | **8519** | **1166** | **89** | **50** |

Table 1- 2. List of claims and patents with meters drilled in the 2018 drilling program.

| Hole ID | Patents No. | From (m) | To (m) | Patents No. | From (m) | To (m) | Length (m) | Patents No. | From (m) | To (m) | Length (m) | Claim No. | From (m) | To (m) | Length (m) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| KLUC18-495 | PAT-18795 | 0 | 45 | PAT-18797 | 45 | 675 | 630 | | | | | | | | |
| KLUC18-496 | PAT-18800 | 0 | 360 | | | | | | | | | | | | |
| KLUC18-497 | PAT-18800 | 0 | 300 | | | | | | | | | | | | |
| KLUC18-498 | PAT-18800 | 0 | 300 | | | | | | | | | | | | |
| KLUC18-499 | PAT-18797 | 0 | 48.1 | | | | | | | | | | | | |
| KLUC18-500 | PAT-18800 | 0 | 351 | | | | | | | | | | | | |
| KLUC18-501 | PAT-18797 | 0 | 675 | | | | | | | | | | | | |
| KLUC18-502 | PAT-18796 | 0 | 513 | | | | | | | | | | | | |
| KLUC18-503 | PAT-18800 | 0 | 56 | PAT-18797 | 56 | 687 | 631 | | | | | | | | |
| KLUC18-504 | PAT-18824 | 0 | 242 | PAT-18823 | 242 | 273 | 31 | | | | | | | | |
| KLUC18-505 | PAT-18798 | 0 | 678 | PAT-18799 | 678 | 689.5 | 11.5 | | | | | | | | |
| KLUC18-506 | PAT-18821 | 0 | 261 | | | | | | | | | | | | |
| KLUC18-507 | PAT-18800 | 0 | 552 | | | | | | | | | | | | |
| KLUC18-508 | PAT-18825 | 0 | 252 | | | | | | | | | | | | |
| KLUC18-509 | PAT-18800 | 0 | 265 | PAT-18797 | 265 | 552 | 287 | | | | | | | | |
| KLUC18-510 | PAT-18822 | 0 | 186 | PAT-18820 | 186 | 282 | 96 | | | | | | | | |
| KLUC18-511 | PAT-18797 | 0 | 552 | | | | | | | | | | | | |
| KLUC18-512 | PAT-18809 | 0 | 157 | PAT-18812 | 157 | 258 | 101 | PAT-18808 | 258 | 366 | 108 | | | | |
| KLUC18-513 | PAT-18809 | 0 | 187 | PAT-18812 | 187 | 312 | 125 | PAT-18808 | 312 | 351 | 39 | | | | |
| KLUC18-514 | PAT-18822 | 0 | 84 | | | | | | | | | | | | |
| KLUC18-515 | PAT-18822 | 0 | 39 | PAT-18819 | 39 | 375 | 336 | | | | | | | | |
| KLUC18-516 | PAT-18794 | 0 | 36 | | | | | | | | | | | | |
| KLUC18-517 | PAT-18794 | 0 | 105 | PAT-18792 | 105 | 662 | 557 | PAT-18804 | 662 | 678 | 16 | | | | |
| KLUC18-518 | PAT-18821 | 0 | 251 | PAT-18825 | 251 | 273 | 22 | | | | | | | | |
| KLUC18-519 | PAT-18821 | 0 | 181 | PAT-18825 | 181 | 249 | 68 | | | | | | | | |
| KLUC18-520 | PAT-18822 | 0 | 258 | | | | | | | | | | | | |
| KLUC18-521 | PAT-18834 | 0 | 402 | PAT-18816 | 402 | 581 | 179 | PAT-18817 | 581 | 792 | 211 | | | | |
| KLUC18-522 | PAT-18812 | 0 | 396 | PAT-18808 | 396 | 432 | 36 | PAT-18811 | 432 | 461 | 29 | 29884 | 461 | 492 | 31 |
| KLUC18-523 | PAT-18793 | 0 | 403 | PAT-18792 | 403 | 461 | 58 | PAT-18804 | 461 | 506.5 | 45.5 | | | | |
| KLUC18-524 | PAT-18808 | 0 | 378 | PAT-18811 | 378 | 501 | 123 | | | | | | | | |
| KLUC18-525 | PAT-18793 | 0 | 19.5 | | | | | | | | | | | | |

Table 1- 3. 2019 Drill hole Collar Data Summary.

| UPPER CANADA 2019 DRILL HOLE SUMMARY | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hole ID | Claim No. | Collar coordinates | | | Direction | | Length(m) | Total number of samples | | | | |
| | | Easting (UTM) | Northing (UTM) | Elev. | Azimuth (TN) | Dip | | Collected | Assayed (Au) | QAQC (in house) | Whole Rock Analysis | Specific gravity |
| KLUC19-526 | PAT-18822 | 5332765 | 585726 | 347 | 351 | -45 | 255 | | 173 | 24 | 12 | 197 |
| KLUC19-529 | PAT-18822 | 5332776 | 585775 | 351 | 346 | -49 | 189 | 160 | 134 | 18 | 8 | 152 |
| KLUC19-530 | PAT-18821 | 5332785 | 585824 | 352 | 347 | -46 | 204 | 169 | 141 | 18 | 10 | 159 |
| KLUC19-531 | PAT-18821 | 5332761 | 585919 | 355 | 339 | -49 | 300 | 267 | 219 | 31 | 17 | 250 |
| KLUC19-532 | PAT-18821 | 5332610 | 585963 | 370 | 345 | -51 | 504 | 359 | 297 | 40 | 22 | 337 |
| KLUC19-533 | PAT-18822 | 5332567 | 585793 | 355 | 347 | -50 | 495 | 390 | 322 | 44 | 24 | 366 |
| KLUC19-534 | PAT-18822 | 5332728 | 585688 | 351 | 344 | -46 | 150 | 121 | 102 | 13 | 6 | 115 |
| KLUC19-535 | PAT-18821 | 5332680 | 586031 | 370 | 348 | -51 | 400 | 347 | 293 | 40 | 14 | 333 |
| KLUC19-536 | PAT-18821 | 5332803 | 586088 | 360 | 346 | -49 | 252 | 124 | 103 | 15 | 6 | 218 |
| KLUC19-537 | PAT-18821 | 5332747 | 586184 | 355 | 344 | -51 | 408 | 348 | 299 | 41 | 8 | 340 |
| KLUC19-538 | PAT-18834 | 5331928 | 586181 | 328 | 299 | -60 | 739 | 521 | 459 | 62 | - | 521 |
| KLUC19-539 | PAT-18813 | 5331902 | 586230 | 327 | 294 | -68 | 957 | 654 | 575 | 79 | - | 654 |
| KLUC19-540 | PAT-18813 | 5331901 | 586230 | 327 | 287 | -65 | 490.3 | 313 | 276 | 37 | - | 313 |
| KLUC19-541 | PAT-18822 | 5332670 | 585765 | 354 | 345 | -45 | 240.3 | 197 | 173 | 24 | - | 197 |
| KLUC19-542 | PAT-18819 | 5332527 | 585333 | 353 | 347 | -44 | 480 | 405 | 356 | 49 | - | 405 |
| KLUC19-543 | PAT-18822 | 5332612 | 585490 | 358 | 348 | -49 | 426 | 355 | 313 | 42 | - | 355 |
| KLUC19-544 | PAT-18822 | 5332714 | 585435 | 366 | 347 | -44 | 360 | 287 | 252 | 35 | - | 287 |
| KLUC19-545 | PAT-18819 | 5332690 | 585249 | 354 | 346 | -46 | 182 | 149 | 131 | 18 | - | 149 |
| KLUC19-546 | PAT-18817 | 5332296 | 585615 | 344 | 122 | -61 | 1026 | 835 | 736 | 99 | - | 835 |
| KLUC19-547 | PAT-18799 | 5333149 | 587071 | 333 | 137 | -64 | 846.8 | 684 | 600 | 84 | 9 | 279 |
| KLUC19-548 | PAT-18799 | 5332852 | 586965 | 333 | 162 | -58 | 126 | - | - | - | - | - |
| KLUC19-549 | PAT-18799 | 5332851 | 586965 | 333 | 162 | -57 | 168.2 | - | - | - | - | - |
| KLUC19-550 | PAT-18799 | 5332850 | 586965 | 332 | 162 | -56 | 521.6 | 420 | 370 | 50 | - | - |
| KLUC19-551 | PAT-18799 | 5332832 | 586930 | 339 | 160 | -56 | 588 | 458 | 403 | 55 | - | - |
| | | | | | **TOTAL** | | **10308** | | **6727** | **918** | **136** | **6462** |

Table 1- 4. List of claims and patents with meters drilled in the 2019 drilling program.

| Hole ID | Patents No. | From (m) | To (m) | Patents No. | From (m) | To (m) | Length (m) | Patents No. | From (m) | To (m) | Length (m) | Claim No. | From (m) | To (m) | Length (m) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| KLUC19-526 | PAT-18822 | 0 | 131 | PAT-18820 | 131 | 255 | 124 | | | | | | | | |
| KLUC19-529 | PAT-18822 | 0 | 133 | PAT-18820 | 133 | 189 | 56 | | | | | | | | |
| KLUC19-530 | PAT-18821 | 0 | 128 | PAT-18825 | 128 | 204 | 76 | | | | | | | | |
| KLUC19-531 | PAT-18821 | 0 | 201 | PAT-18825 | 201 | 300 | 99 | | | | | | | | |
| KLUC19-532 | PAT-18821 | 0 | 438 | PAT-18825 | 438 | 504 | 66 | | | | | | | | |
| KLUC19-533 | PAT-18822 | 0 | 457 | PAT-18820 | 457 | 495 | 38 | | | | | | | | |
| KLUC19-534 | PAT-18822 | 0 | 150 | | | | | | | | | | | | |
| KLUC19-535 | PAT-18821 | 0 | 359 | PAT-18825 | 359 | 400 | 41 | | | | | | | | |
| KLUC19-536 | PAT-18821 | 0 | 185 | PAT-18825 | 185 | 252 | 67 | | | | | | | | |
| KLUC19-537 | PAT-18821 | 0 | 307 | PAT-18825 | 307 | 408 | 101 | | | | | | | | |
| KLUC19-538 | PAT-18834 | 0 | 608 | PAT-18816 | 608 | 739 | 131 | | | | | | | | |
| KLUC19-539 | PAT-18813 | 0 | 139 | PAT-18834 | 139 | 957 | 818 | | | | | | | | |
| KLUC19-540 | PAT-18813 | 0 | 165 | PAT-18834 | 165 | 490.3 | 325.3 | | | | | | | | |
| KLUC19-541 | PAT-18822 | 0 | 240.3 | | | | | | | | | | | | |
| KLUC19-542 | PAT-18819 | 0 | 368 | 235560 | 368 | 480 | 112 | | | | | | | | |
| KLUC19-543 | PAT-18822 | 0 | 317 | PAT-18820 | 317 | 426 | 109 | | | | | | | | |
| KLUC19-544 | PAT-18822 | 0 | 130 | PAT-18820 | 130 | 360 | 230 | | | | | | | | |
| KLUC19-545 | PAT-18819 | 0 | 124 | 235560 | 124 | 182 | 58 | | | | | | | | |
| KLUC19-546 | PAT-18817 | 0 | 484 | PAT-18810 | 484 | 701 | 217 | PAT-18834 | 701 | 1024 | 323 | PAT-18813 | 1024 | 1026 | 2 |
| KLUC19-547 | PAT-18799 | 0 | 44 | PAT-18795 | 44 | 721 | 677 | PAT-18797 | 721 | 846.8 | 125.8 | | | | |
| KLUC19-548 | PAT-18799 | 0 | 54 | PAT-18800 | 54 | 126 | 72 | | | | | | | | |
| KLUC19-549 | PAT-18799 | 0 | 49 | PAT-18800 | 49 | 168.2 | 119.2 | | | | | | | | |
| KLUC19-550 | PAT-18799 | 0 | 48 | PAT-18800 | 48 | 521.6 | 473.6 | | | | | | | | |
| KLUC19-551 | PAT-18799 | 0 | 15 | PAT-18800 | 15 | 588 | 573 | | | | | | | | |

## 2.0 PROPERTY, LOCATION AND ACCESS

The Upper Canada (UC) property is located in Gauthier Township, in northeastern Ontario, Canada, approximately 16 kilometres east of the Town of Kirkland Lake and approximately 60 kilometres west of the city of Rouyn-Noranda, Quebec (Figure 1). The Upper Canada property forms part of Agnico Eagle Mines Ltd. (AEM) Kirkland Lake project. Highway 672 (running north-south) is located at the western edge of the property, and highway 66 (running east-west) and the Ontario Northland Railway line cross the southwestern corner of the property. A gravel road continues eastward from the Dobie road (off highway 66) to the former Upper Canada mine site, the current site of Agnico Eagle Mines Ltd.'s exploration office. The property can be accessed from a network of trails (drill, four wheeler and skidoo) that are located throughout the property and link to the main Dobie road.

The Upper Canada property (Figure 2), consists of 46 claim units (19 single cell mining claims and 27 boundary cell mining claims; Table 2-1), 88 patented claims (75 mining and surface rights and 13 mining rights only; Table 2-2), and 6 mining licence of occupation (Table 2-2) that are registered to Agnico Mines Ltd. and cover an area of approximately 1,500 hectares (Figure 2). The claims are listed in the online records of the Ministry of Northern Development and Mines ("MNDM") as "active"; they are in good standing and in compliance with the Mining Act, R.S.O. 1990, C.M. 14 and the regulations thereunder. All claims are 100 percent-held by Agnico Eagle Mines Ltd. subject to Net Smelter Return royalties ("NSR") to other parties.

Table 2- 1. List of Upper Canada claims.

| Claim No. | Township | Type | Anniversary date | Area (sq. Ha.) |
|---|---|---|---|---|
| 118813 | GAUTHIER | SCMC | 2024-06-11 | 21.53 |
| 119507 | GAUTHIER | SCMC | 2020-07-10 | 17.21 |
| 126368 | GAUTHIER | SCMC | 2021-07-20 | 21.53 |
| 127558 | GAUTHIER | SCMC | 2024-11-13 | 21.54 |
| 127355 | GAUTHIER | SCMC | 2023-08-19 | 21.55 |
| 128678 | GAUTHIER | SCMC | 2020-10-30 | 21.53 |
| 135283 | GAUTHIER | SCMC | 2023-08-19 | 21.55 |
| 219076 | GAUTHIER | SCMC | 2020-10-30 | 21.53 |
| 229163 | GAUTHIER | SCMC | 2020-07-10 | 21.54 |
| 235560 | GAUTHIER | SCMC | 2024-06-01 | 21.54 |
| 235561 | GAUTHIER | SCMC | 2024-06-01 | 21.54 |
| 237214 | GAUTHIER | SCMC | 2024-08-01 | 21.53 |
| 250552 | GAUTHIER | SCMC | 2024-08-01 | 21.53 |
| 262552 | GAUTHIER | SCMC | 2024-08-01 | 21.53 |
| 276755 | GAUTHIER | SCMC | 2024-11-13 | 21.53 |
| 291147 | GAUTHIER | SCMC | 2023-08-19 | 21.55 |
| 304570 | GAUTHIER | SCMC | 2020-07-10 | 19.56 |
| 342629 | GAUTHIER | SCMC | 2024-11-13 | 21.54 |
| 334347 | GAUTHIER | SCMC | 2024-06-02 | 21.53 |
| 156850 | GAUTHIER | BCMC | 2023-01-03 | 16.60 |
| 312578 | GAUTHIER | BCMC | 2024-06-02 | 4.93 |
| 100032 | GAUTHIER | BCMC | 2026-01-03 | 15.10 |
| 312577 | GAUTHIER | BCMC | 2023-08-01 | 5.75 |
| 276563 | GAUTHIER | BCMC | 2025-08-01 | 3.36 |
| 253701 | GAUTHIER | BCMC | 2022-03-03 | 1.60 |
| 133169 | GAUTHIER | BCMC | 2024-06-02 | 7.87 |
| 220648 | GAUTHIER | BCMC | 2022-06-11 | 13.34 |
| 245078 | GAUTHIER | BCMC | 2024-06-02 | 3.40 |
| 325075 | GAUTHIER | BCMC | 2024-06-11 | 0.37 |
| 183809 | GAUTHIER | BCMC | 2024-06-02 | 5.64 |
| 153460 | GAUTHIER | BCMC | 2026-05-14 | 2.72 |
| 317072 | GAUTHIER | BCMC | 2024-06-02 | 3.53 |
| 150727 | GAUTHIER | BCMC | 2026-05-14 | 2.09 |
| 345267 | GAUTHIER | BCMC | 2025-10-30 | 0.07 |
| 150710 | GAUTHIER | BCMC | 2024-06-01 | 0.01 |
| 333848 | GAUTHIER | BCMC | 2024-06-01 | 0.55 |
| 118308 | GAUTHIER | BCMC | 2024-12-07 | 10.46 |
| 153461 | GAUTHIER | BCMC | 2026-05-14 | 1.79 |
| 196314 | GAUTHIER | BCMC | 2024-11-13 | 12.12 |
| 333905 | GAUTHIER | BCMC | 2024-11-18 | 7.81 |
| 115063 | GAUTHIER | BCMC | 2024-11-13 | 12.47 |
| 198836 | GAUTHIER | BCMC | 2024-11-18 | 6.61 |
| 216407 | GAUTHIER | BCMC | 2021-11-13 | 2.49 |
| 311865 | GAUTHIER | BCMC | 2020-07-10 | 3.84 |
| 288432 | GAUTHIER | BCMC | 2020-07-10 | 0.04 |
| 201253 | GAUTHIER | BCMC | 2020-07-10 | 8.02 |

**SCMC = single cell mining claim and BCMC = boundary cell

Table 2- 2. List of Patents for the Upper Canada Property.

| Claim No. | Old Claim No. | Township | Type | Rights | Area (sq. Ha.) |
|---|---|---|---|---|---|
| PAT-18479 | L9946 | GAUTHIER | PATENT | MRO | 17.20 |
| PAT-18480 | L9947 | GAUTHIER | PATENT | MRO | 22.89 |
| PAT-18478 | L9943 | GAUTHIER | PATENT | MRO | 24.22 |
| PAT-18481 | L9951 | GAUTHIER | PATENT | MRO | 19.83 |
| PAT-18821 | L8113 | GAUTHIER | PATENT | M&S | 20.61 |
| PAT-18828 | L10142 | GAUTHIER | PATENT | M&S | 30.18 |
| PAT-18806 | LS503 | GAUTHIER | PATENT | M&S | 16.87 |
| PAT-18809 | L9227 | GAUTHIER | PATENT | MRO | 18.35 |
| PAT-18797 | L8115 | GAUTHIER | PATENT | M&S | 16.20 |
| PAT-18808 | L9226 | GAUTHIER | PATENT | MRO | 12.11 |
| PAT-18824 | L8372 | GAUTHIER | PATENT | M&S | 9.42 |
| PAT-18831 | L10145 | GAUTHIER | PATENT | M&S | 8.28 |
| PAT-18807 | LS504 | GAUTHIER | PATENT | M&S | 10.78 |
| PAT-18812 | L9527 | GAUTHIER | PATENT | M&S | 13.68 |
| PAT-18800 | L9365 | GAUTHIER | PATENT | M&S | 15.54 |
| PAT-18810 | L9525 | GAUTHIER | PATENT | MRO | 9.47 |
| PAT-18822 | L8114 | GAUTHIER | PATENT | M&S | 15.39 |
| MLO-1925 | L10463 | GAUTHIER | LOO | M&S | 1.71 |
| PAT-18801 | L15584 | GAUTHIER | PATENT | M&S | 15.69 |
| PAT-18823 | L8371 | GAUTHIER | PATENT | M&S | 9.69 |
| PAT-18802 | L15585 | GAUTHIER | PATENT | M&S | 16.20 |
| PAT-18827 | L10141 | GAUTHIER | PATENT | M&S | 27.77 |
| PAT-18818 | L9312 | GAUTHIER | PATENT | M&S | 17.82 |
| PAT-18794 | L6316 | GAUTHIER | PATENT | M&S | 15.06 |
| PAT-18793 | L6315 | GAUTHIER | PATENT | M&S | 16.85 |
| PAT-18811 | L9526 | GAUTHIER | PATENT | MRO | 12.71 |
| PAT-18825 | L8590 | GAUTHIER | PATENT | M&S | 25.03 |
| PAT-18799 | L9095 | GAUTHIER | PATENT | M&S | 11.75 |
| PAT-18819 | L6317 | GAUTHIER | PATENT | MRO | 17.33 |
| PAT-18792 | L6314 | GAUTHIER | PATENT | M&S | 14.73 |
| PAT-18817 | L9225 | GAUTHIER | PATENT | MRO | 11.01 |
| PAT-18830 | L10144 | GAUTHIER | PATENT | M&S | 18.50 |
| PAT-18815 | L9530 | GAUTHIER | PATENT | M&S | 9.29 |
| MLO-1924 | L10462 | GAUTHIER | LOO | M&S | 2.15 |
| PAT-18834 | L9524 | GAUTHIER | PATENT | MRO | 10.81 |
| PAT-18803 | LS500 | GAUTHIER | PATENT | M&S | 12.10 |
| PAT-18826 | L10140 | GAUTHIER | PATENT | M&S | 23.41 |
| PAT-18798 | L9094 | GAUTHIER | PATENT | M&S | 13.96 |
| PAT-29884 | L29895 | GAUTHIER | PATENT | M&S | 12.53 |
| PAT-18804 | LS501 | GAUTHIER | PATENT | M&S | 12.11 |
| PAT-18795 | L6318 | GAUTHIER | PATENT | M&S | 14.11 |
| PAT-18814 | L9529 | GAUTHIER | PATENT | M&S | 9.61 |
| PAT-18813 | L9528 | GAUTHIER | PATENT | M&S | 12.72 |

**MLO = mining licence of occupation, LOO = licence of occupration, MRO = mining rights only, and M&S = mineral and surface rights.

| Claim No. | Old Claim No. | Township | Type | Rights | Area (sq. Ha.) |
|---|---|---|---|---|---|
| PAT-18796 | L6321 | GAUTHIER | PATENT | M&S | 27.08 |
| MLO-1849 | L10143 | GAUTHIER | LOO | M&S | 11.86 |
| PAT-18820 | L6319 | GAUTHIER | PATENT | M&S | 15.38 |
| PAT-18805 | LS502 | GAUTHIER | PATENT | M&S | 12.66 |
| PAT-18816 | L9224 | GAUTHIER | PATENT | MRO | 15.46 |
| PAT-18433 | L8794 | GAUTHIER | PATENT | MRO | 16.85 |
| PAT-29880 | L5694 | GAUTHIER | PATENT | M&S | 15.09 |
| PAT-18996 | L15141 | GAUTHIER | PATENT | M&S | 15.91 |
| PAT-29887 | L30893 | GAUTHIER | PATENT | M&S | 17.57 |
| PAT-29892 | L9434 | GAUTHIER | PATENT | M&S | 14.53 |
| PAT-29857 | L8471 | GAUTHIER | PATENT | M&S | 18.68 |
| PAT-18992 | L9332 | GAUTHIER | PATENT | M&S | 12.73 |
| PAT-29859 | L8980 | GAUTHIER | PATENT | M&S | 11.68 |
| PAT-29864 | L19189 | GAUTHIER | PATENT | M&S | 12.40 |
| PAT-20348 | L9232 | GAUTHIER | PATENT | M&S | 16.65 |
| PAT-29865 | L19262 | GAUTHIER | PATENT | M&S | 12.67 |
| PAT-29853 | L4239 | GAUTHIER | PATENT | M&S | 22.94 |
| PAT-18990 | L8873 | GAUTHIER | PATENT | M&S | 16.35 |
| PAT-18995 | L9364 | GAUTHIER | PATENT | M&S | 10.76 |
| PAT-18994 | L9363 | GAUTHIER | PATENT | M&S | 15.51 |
| PAT-29878 | L3893.5 | GAUTHIER | PATENT | M&S | 15.03 |
| PAT-18993 | L9360 | GAUTHIER | PATENT | M&S | 19.99 |
| PAT-29861 | L9613 | GAUTHIER | PATENT | M&S | 12.39 |
| PAT-29891 | L9433 | GAUTHIER | PATENT | M&S | 19.77 |
| PAT-29862 | L9614 | GAUTHIER | PATENT | M&S | 18.70 |
| PAT-29901 | L3894 | GAUTHIER | PATENT | M&S | 15.59 |
| PAT-18987 | L2333 | GAUTHIER | PATENT | M&S | 15.74 |
| PAT-18989 | L2335 | GAUTHIER | PATENT | M&S | 17.79 |
| PAT-29888 | L31046 | GAUTHIER | PATENT | M&S | 18.06 |
| PAT-29863 | L9615 | GAUTHIER | PATENT | M&S | 21.19 |
| PAT-29882 | L8977 | GAUTHIER | PATENT | M&S | 18.40 |
| PAT-29856 | L8366 | GAUTHIER | PATENT | M&S | 15.03 |
| PAT-29860 | L9505 | GAUTHIER | PATENT | M&S | 12.41 |
| PAT-29893 | L9435 | GAUTHIER | PATENT | M&S | 20.00 |
| PAT-20347 | L25309 | GAUTHIER | PATENT | M&S | 17.57 |
| PAT-18983 | L348 | GAUTHIER | PATENT | M&S | 15.15 |
| PAT-29879 | L5506 | GAUTHIER | PATENT | M&S | 15.89 |
| PAT-29855 | L8116 | GAUTHIER | PATENT | M&S | 18.72 |
| PAT-18985 | L350 | GAUTHIER | PATENT | M&S | 15.04 |
| PAT-29854 | L5732 | GAUTHIER | PATENT | M&S | 15.95 |
| PAT-29881 | L8828 | GAUTHIER | PATENT | M&S | 20.64 |
| PAT-29858 | L8807 | GAUTHIER | PATENT | M&S | 16.49 |
| PAT-29883 | L8978 | GAUTHIER | PATENT | M&S | 15.51 |

**MLO = mining licence of occupation, LOO = licence of occupration, MRO = mining rights only, and M&S = mineral and surface rights.

| Claim No. | Old Claim No. | Township | Type | Rights | Area (sq. Ha.) |
|---|---|---|---|---|---|
| PAT-29894 | L10013 | GAUTHIER | PATENT | M&S | 14.69 |
| PAT-18988 | L2334 | GAUTHIER | PATENT | M&S | 14.46 |
| PAT-18991 | L9104 | GAUTHIER | PATENT | M&S | 17.35 |
| PAT-29890 | L8979 | GAUTHIER | PATENT | M&S | 14.51 |
| PAT-50980 | L25947 | GAUTHIER | PATENT | M&S | 23.90 |
| MLO-1849 | L10143 | GAUTHIER | LOO | M&S | 12.70 |
| MLO-1924 | L10462 | GAUTHIER | LOO | M&S | 10.31 |
| MLO-1925 | L10463 | GAUTHIER | LOO | M&S | 6.35 |

**MLO = mining licence of occupation, LOO = licence of occupration, MRO = mining rights only, and M&S = mineral and surface rights.

## 3.0 PREVIOUS WORK

The history of the Upper Canada Property is summarized as:

| | |
|---|---|
| 1920-28: | Surface work by East Main Gold Mines, #1 Shaft to 134 ft, M orebody intersected on 125 Level. Some previous trenching in early 1920s. |
| 1929: | Upper Canada Mines Ltd. organized and acquired property. |
| 1936: | H zone discovered through surface drilling, #1 Shaft deepened to 500 ft, lateral development on 125, 250, 375 and 500 levels. |
| 1938-39: | Gold production commenced, mill on-line in 1939 at 150 tpd, #1 Shaft to 1000 ft. |
| 1940-41: | L Zone discovered, #2 Shaft started (eventually to 1750 ft). |
| 1971: | Mine closed, mill operated on Upper Beaver ore until February 1972. |
| 1977: | Queenston acquired property, compilation and grassroots exploration; mill rehabilitated by Canico in 1983 as part of McBean joint venture. |
| 1988: | Inco Gold options property, 78 surface drill holes, 15,817.8 m; option dropped 1990. |
| 1996: | Start of joint venture with Franco-Nevada; line cutting and magnetic surveys. |
| 1996-2001: | Queenston-Franco-Nevada joint venture; line cutting and magnetic survey. |
| 2002-2006: | Queenston Mining Inc.'s; no new exploration undertaken; shafts and other hazards capped. |
| 2009-2013: | Queenston Mining Inc. / Osisko Mining; compilation of data and 207,689m drilling in 560 holes/ wedges/ extensions. |
| 2012: | Osisko Mining Corp: purchased Queenston Mining Inc. in December 2012. |
| 2014: | Canadian Malartic Corporation (CMC), a 50/ 50 joint venture between Agnico Eagle Mines and Yamana Gold Inc, acquire Osisko Mining Corp in June 2014. |
| 2015: | Canadian Malartic Corporation (CMC) initiated a surface drilling program (deep wedging program on C Zone and shallow program on Northland Zone); 9 drill holes totalling 4,838 metres. |

2016: Compilation of Upper Canada data

2017: Agnico Eagle Mines Ltd. buys the 50% participation from Yamana Gold

2018-19: Agnico Eagle Mines Ltd. conducts a surface drilling program; drills 55 holes totaling 22,616 m.

Historic Development: #1 Shaft to 3700 ft with an internal winze from 3625 to 6325 level

#2 Shaft to 1750 ft; levels at 125-ft intervals; lowest working level is 6150; shafts connected at 375, 1000 and 1750-ft levels.

Brock shaft is 630 ft (192 m) deep with levels established at the 200, 325, 450 and 575-ft elevations. There is 968 m of lateral development on the 325 and 575-ft levels. (Alexander, 2007)

Historic Production: 1.52 million ounces (oz) gold from 4,294,873 tonnes (t) from the Upper Canada deposit mined between 1938 and 1972 (average grade 11.0 grams per tonne [g/t]).

## 4.0 GEOLOGY OF UPPER CANADA PROPERTY

The following description of the regional and Upper Canada property Geology is derived from a summary report of the Queenston Mining properties by Dale Alexander (2007) and a technical support of the Upper Canada property by Sebastien Bernier and Dominic Chartier from SRK Consulting Inc. (2018):

### 4.1 Regional Geology

Agnico Eagle Mines Ltd. Upper Canada Property is located within the Archean Abitibi greenstone belt which trends east-west across the southern Superior craton of North America (Figure 3). The Abitibi greenstone belt is an assemblage of volcano-sedimentary rocks created by accretion of volcanic arcs and low- to high-energy sedimentary basins, and intruded by syn-volcanic and later intrusions of various compositions. The greenstone belt was deformed through multiple episodes of N-S compression and transpression creating large-scale deformation zones. The youngest supracrustal assemblage in the southern Abitibi Greenstone Belt is the 2670-2676 Ma Timiskaming assemblage consisting of polymictic conglomerate sandstone intercalated with alkaline and calc-alkaline metavolcanic rocks that were unconformably deposited on older assemblages.

The Larder Lake-Cadillac and Porcupine Destor deformation zones are the two major regional fault structures controlling the gold mineralization in the Abitibi region. The Larder Lake-Cadillac deformation zone is an approximately east-west-striking 400- to 600-metre-wide zone of ductile deformation. Gauthier Township, where the Upper

Canada gold property is located, straddles the Larder Lake-Cadillac deformation zone and a three- to four-kilometre-wide belt of Timiskaming assemblage rocks located to the north of the deformation zone. Gauthier Township also straddles the Upper Canada deformation zone, another important control on gold mineralization. Trending 070 degrees, this 150-metre-wide zone of ductile high-strain is interpreted to be a splay of the Larder Lake-Cadillac deformation zone (Ayer et al. 2005).

Gold along the Larder Lake-Cadillac deformation zone is commonly present in quartz-carbonate veins hosted in deformed fuchsitic komatiites (carbonate ore), in turbiditic sandstone (sandstone hosted ore), and in association with disseminated pyrite in altered iron-rich tholeiitic basalts (flow ore). The gold is interpreted as being deposited as hydrothermal fluids migrated upward along the Larder Lake-Cadillac deformation zone during compressional, D2, south-side-up shearing. The gold zones were subsequently modified during D3 reactivation of the Larder Lake-Cadillac deformation zone as a dextral transcurrent fault zone (Lafrance, 2015).

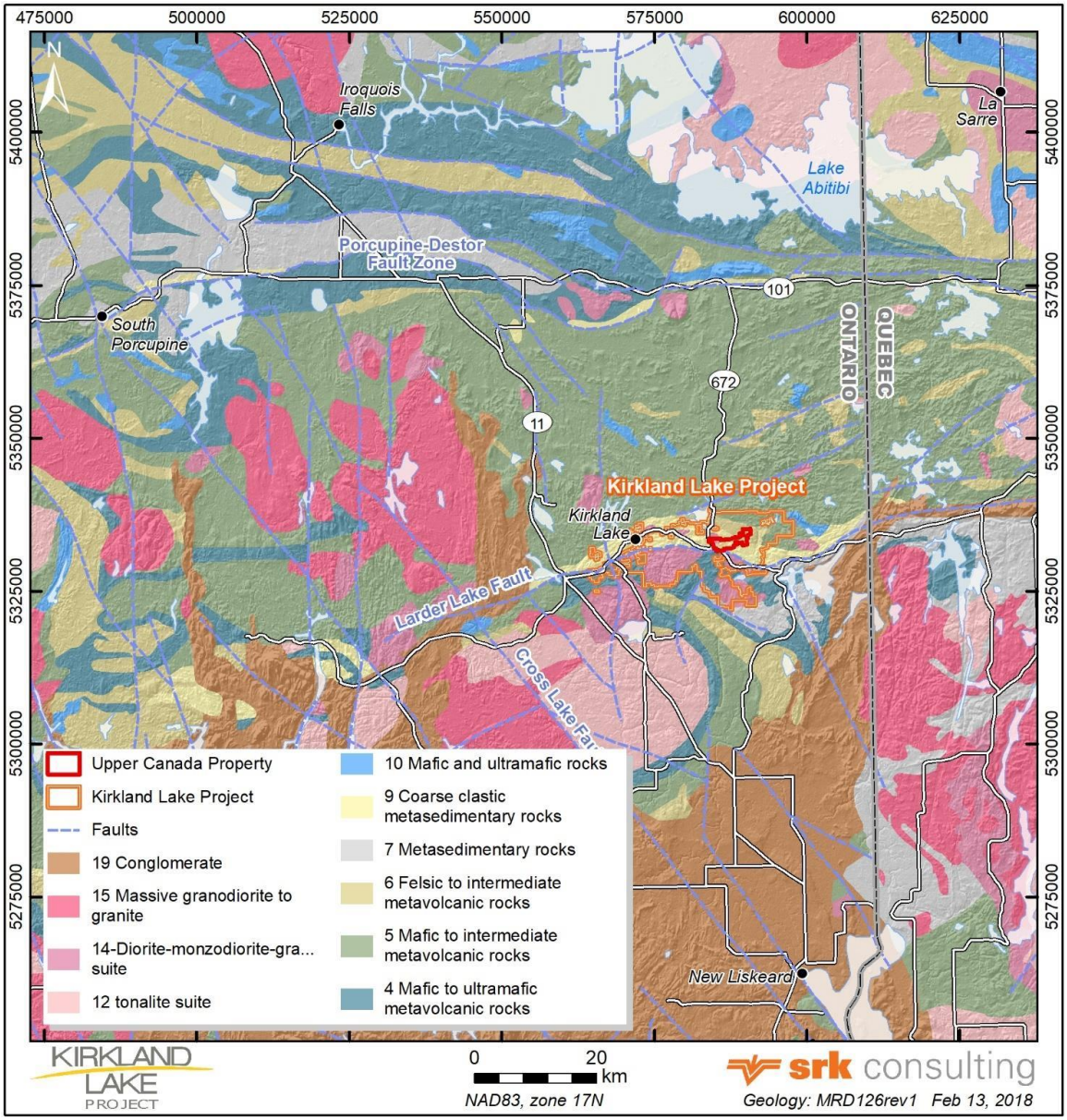



Figure 6. Regional geological setting (from Bernier and Chartier, 2018). Agnico Eagle Mines Limited (AEM) Kirkland Lake Project outlined in orange and Upper Canada Property outlined in red.

## 4.2 Property Geology

Located in Gauthier Township, the Upper Canada property occurs on the Upper Canada break, which is north but adjacent to the Cadillac Larder Lake fault zone (Tully, 1962). The Upper Canada deposit is situated within a 400 to 600 m thick deformation corridor encompassing the regional Upper Canada Break (north), and, a south branch of the same break (Figure 4). The deformation corridor, which strikes east northeast (@ 075 degrees) and dips vertical to steeply north, is interpreted to splay from the Cadillac-Larder Lake Break further west on the Munro property. It is characterized by a strong east-northeast fabric with several late mud gouge faults, and, variable ankerite, sericite, quartz, chlorite, and feldspar alteration, plus pyrite.

The Upper Canada property is primarily underlain by Timiskaming assemblage flows, tuffs and sedimentary rocks with syntectonic dykes, sills and plugs of syenite. Thomson and Griffis (1941) described the Timiskaming assemblage as being a southeast-striking, southwest-facing homoclinal sequence consisting of interbedded metavolcanic and metasedimentary strata. The Timiskaming metavolcanic rocks consist of trachyte, trachytic breccias and agglomerates and bedded tuffs. Trachyte occurs as metavolcanic flows which are locally vesicular and demonstrate brecciated flow tops. Feldspar and amphibole phenocrystic phases are also present. Certain phases of trachyte resemble the syenite and the syenite porphyry intrusive phases that are closely associated with the metavolcanic rocks. Metawacke, argillite and metaconglomerate are the predominant Timiskaming metasedimentary rocks and are recognized by generally well-defined bedding. Upper Tisdale assemblage felsic tuffs and volcanic breccias are noted in the far

eastern limits of the property. The Timiskaming and Upper Tisdale assemblages are cut by late stage Matachewan diabase dykes, and local kimberlite dykes (previous tests for diamonds were negative).

The Upper Canada gold deposit is classified as a lode gold type deposit, where concentrations of gold derived from hydrothermal fluids are present in vein systems of epithermal or mesothermal origin. The mineralized zones at Upper Canada plunge 50 to 60 degrees east, unlike the Kirkland Lake Main Break deposits which plunge westerly. Typical mineralization at the Upper Canada gold property consists of sulphide-poor quartz veins primarily hosted in alkaline intrusive rocks. Few gold mineralized zones occur in Timiskaming assemblage tuffs, sandstones and conglomerates. Economic gold grades correlate with quartz veins, rather than altered host rocks. The gold mineralized zones of Upper Canada occur in six main vein zones; the C, L, B, H, M, and Q (Figure 8 and 9). The 2018-2019 drilling program on the Upper Canada property revealed that some of the other gold mineralized zones could be potentially significant; Northland (east and west) zones and Brock zones (Brock east, Brock and Brock north zones).

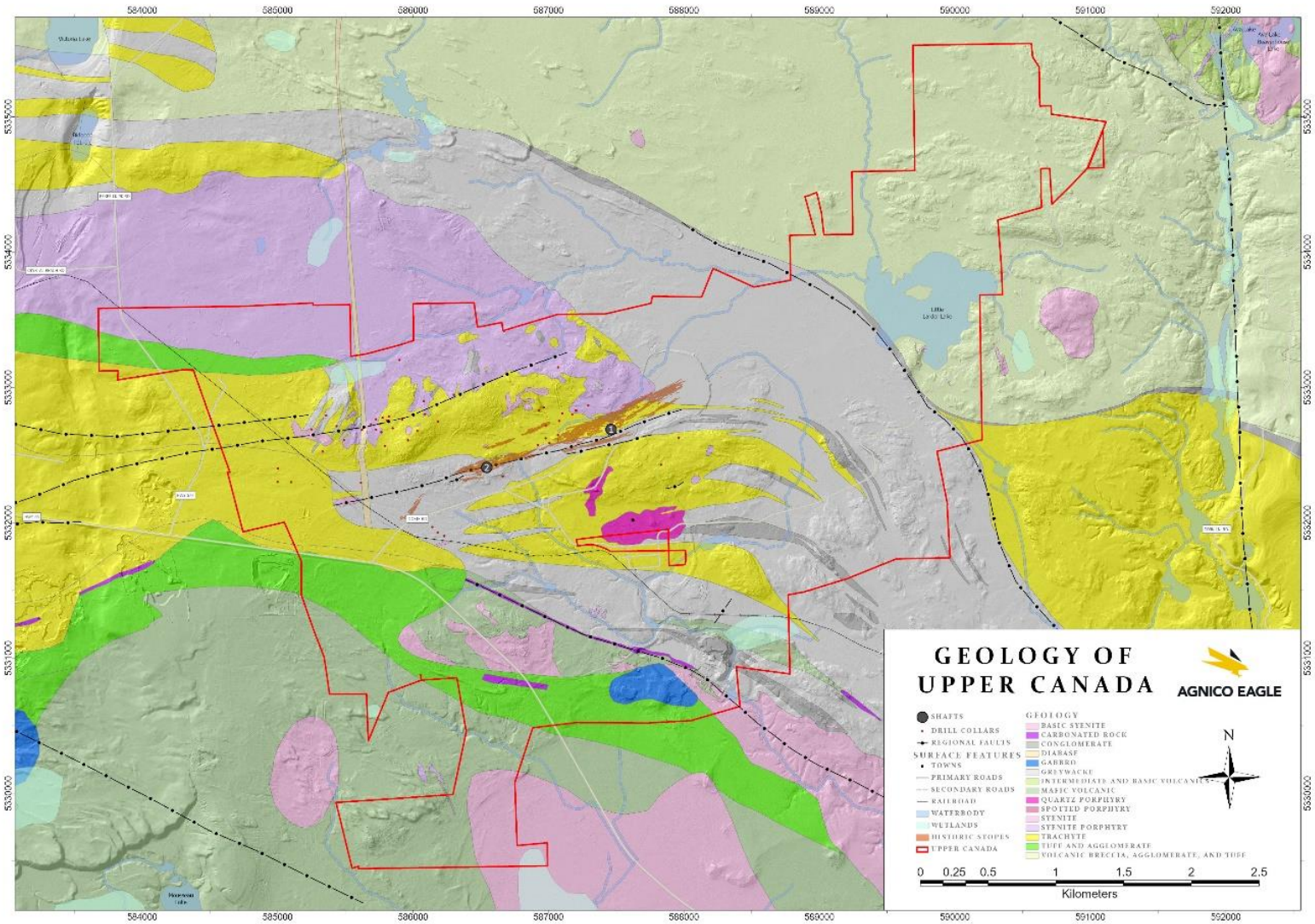



Figure 7. Geology of the Upper Canada Property (outlined in red).

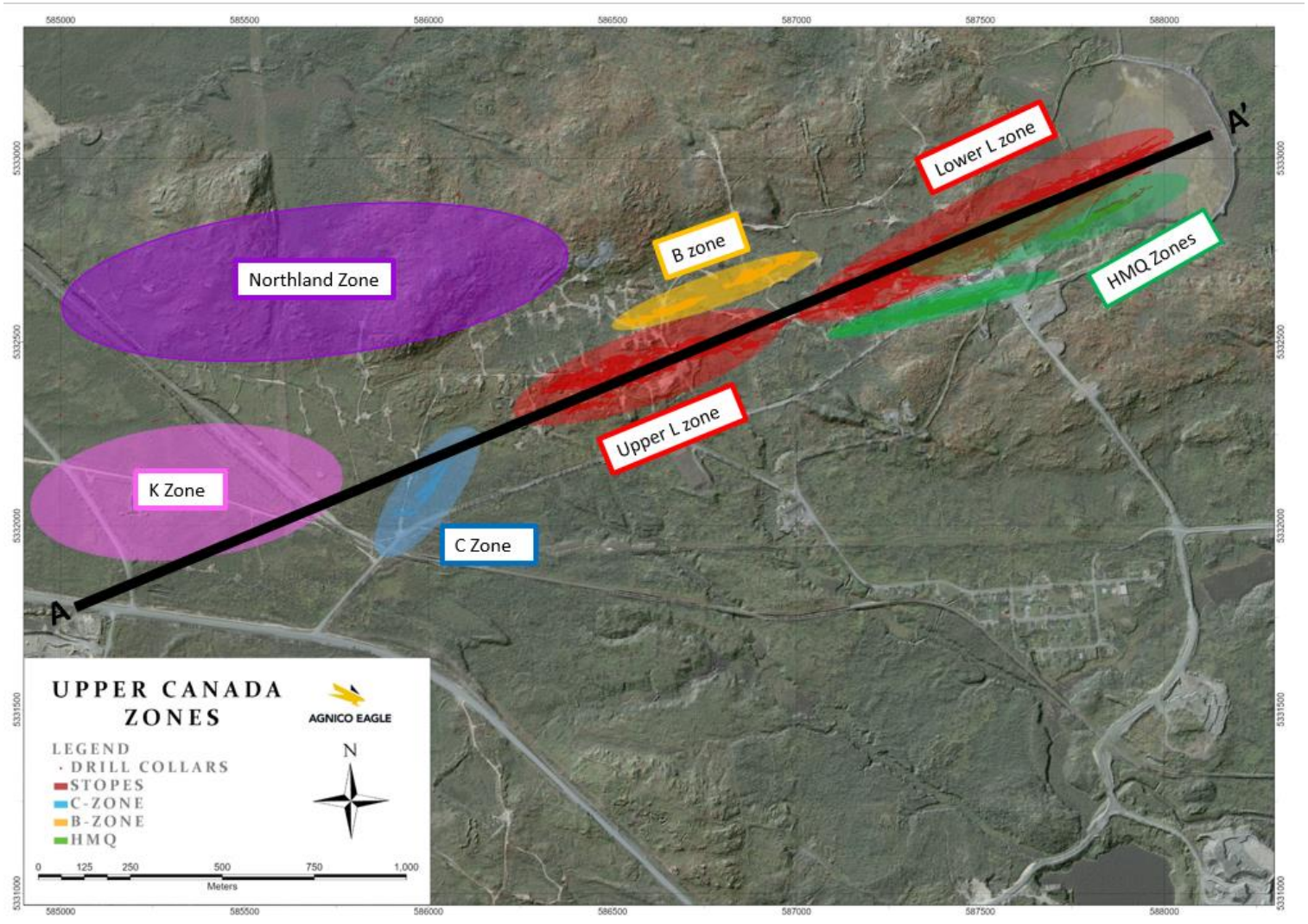



Figure 8. Plan view map showing the gold mineralized zones on the Upper Canada Property. Solid black line indicates the orientation of longitudinal section in Figure 9.

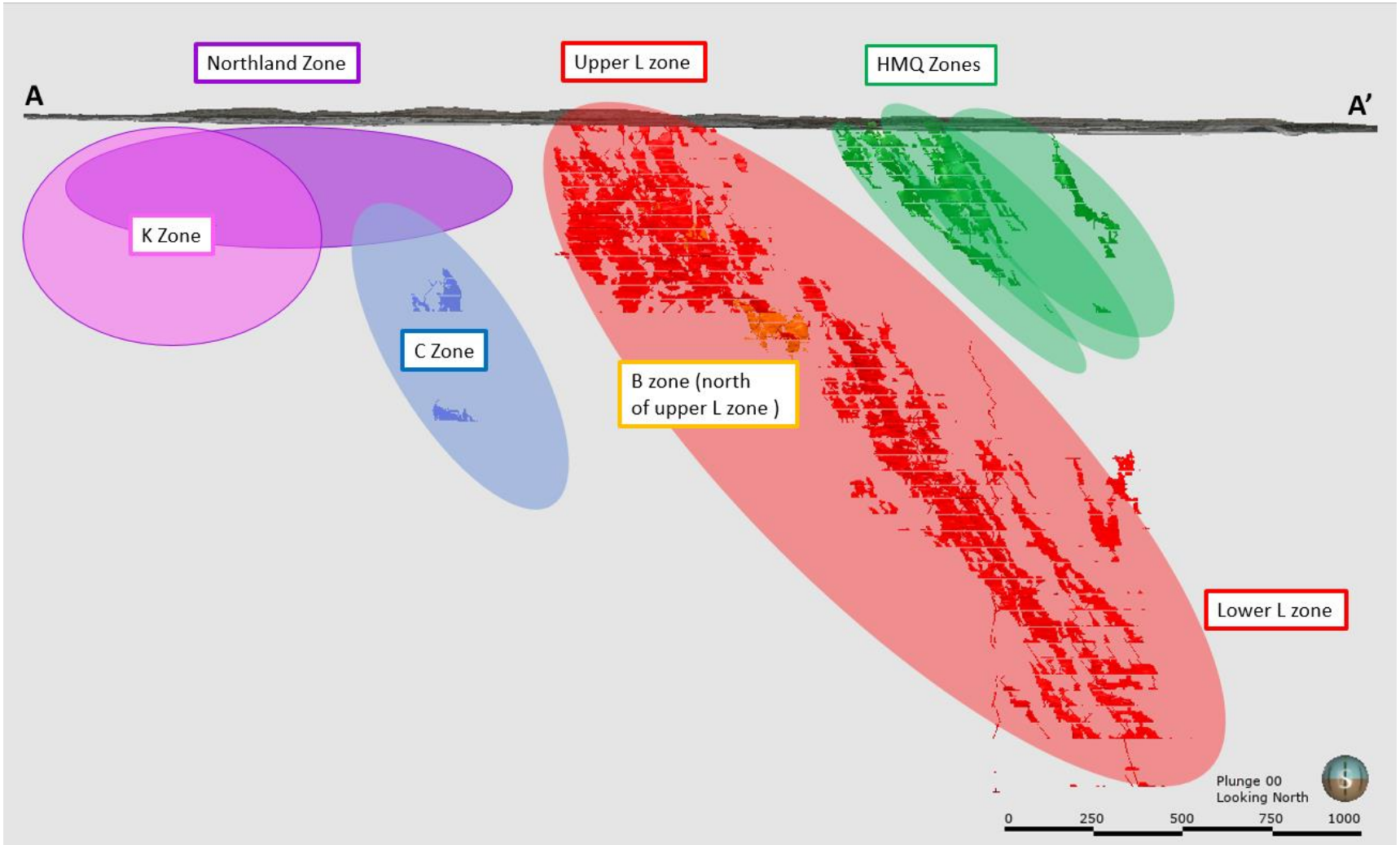



Figure 9. Longitudinal section (looking north) showing the distribution and trends of the mined out stopes on C, L and HMQ zones and the estimated distribution of the Northland and K zones on the Upper Canada Property.

## 5.0 2018-2019 DRILL PROGRAM INTRODUCTION

Agnico Eagle Mines Limited (AEM) conducted a surface exploration drilling program on the Upper Canada (UC) property (former Upper Canada Mine site) in Gauthier Township, northeastern Ontario, Canada (Figure 1 and 2). The purpose of this drilling was to explore extensions and trends of known zones as well as new exploration targets. The drilling program included targets on Northland, K, C, Upper and Lower L, B and HMQ zones. The drilling was conducted on July 27$^{th}$, 2018 to October 20$^{th}$, 2018 (totaling 86 days) by Forage Asinii Drilling later amended to Asinii Drilling Canada Inc.; November 19$^{th}$, 2018 to December 21$^{th}$, 2018 (totaling 33 days) by Asinii Drilling Canada Inc. and Major Drilling Group International Inc.; and on January 8th, 2019 to July 23, 2019 (totaling 197 days) by Asinii Drilling Canada Inc. and Major Drilling Group International Inc.

The 2018 drilling program completed by Asinii and Major drilling consisted of 31 holes and 12,304 metres (Table 1-1) that were drilled on 24 patented claims (PAT-18792, PAT-18793, PAT-18794, PAT-18795, PAT-18796, PAT-18797, PAT-18798, PAT-18799, PAT-18800, PAT-18804, PAT-18808, PAT-18809, PAT-18811, PAT-18812, PAT-18816, PAT-18817, PAT-18819, PAT-18820, PAT-18821, PAT-18822, PAT-18823, PAT-18824, PAT-18825, PAT-18834; Figure 3 to 5 and Table 1-2) and 1 claim cell (29884).

The 2019 drilling program consisted of 24 holes and 10,308 metres (Table 1-3) that were drilled on 14 patented claims (PAT-18795, PAT-18797, PAT-18799, PAT-18800, PAT-

18810, PAT-18813, PAT-18816, PAT-18817, PAT-18819, PAT-18820, PAT-18821, PAT-18822, PAT-18825, PAT-18834; Figures 3 to 5 and Table 1-4) and 1 claim cell (235560).

## 5.1 2018 DRILLING PROGRAM

### Upper L Zone and H Zone gap area

The drilling campaign at the Upper Canada property commenced on July 27th, 2018, on targets aimed at testing a gap area between the parallel trending Upper L and H zones to confirm whether or not the area contained gold mineralization (Figure 10 and 11). The Upper L Zone is the western upper part of the L zone which is the largest historical ore-bearing zone on the Upper Canada property, and strikes parallel to the host deformation zone (070º to 075º) with a steeply to vertically dip and 50º to 55º to the east-northeast plunge (Bernier and Chartier, 2018). The H Zone is located slightly to the south and directly west of the Upper L Zone. Similarly to Upper L Zone, H Zone strikes at 075 degrees parallel to the host deformation zone (Bernier and Chartier, 2018). Eleven (11) holes, totaling 5,052 metres were drilled in this gap area; holes KLUC18-495, KLUC18-496, KLUC18-497, KLUC18-498, KLUC18-499, KLUC18-500, KLUC18-501(recollared hole KLUC18-499), KLUC18-502, KLUC18-503, KLUC18-507, KLUC18-509, and KLUC18-511 (Table 1-1).

### Exploration targets

Four (4) holes, totally 1,728 metres, were drilled on exploration targets. An exploration hole (KLUC18-502; 513 m) was drilled north to south, perpendicular to an east-west

trending deformation zone ('south shear') located south of the main east-west trending deformation zone that hosts the Upper and Lower L zones. The purpose of the hole was to target an IP conductor and obtain an understanding of the southern stratigraphy and structures.

Two exploration holes (KLUC18-505; 690 m and KLUC18-508; 252 m), totaling 942 metres, were drilled north of all known zones to test stratigraphy and potential gold mineralization north of all known zones.

An exploration hole (KLUC18-504; 273 m) was drilled ~60 m west of an exploration drift from the Brock shaft. The purpose of the hole was to test a possible upper extension of Brock zone. KLUC18-504 crosses within the trend of the Northland zone, but ~400 m to the east.

**Northland zone**

Seven (7) holes were drilled on the Northland zone totally 1,782 metres; holes KLUC18-506, KLUC18-510, KLUC18-514 (abandoned), KLUC18-515, KLUC18-518, KLUC18-519, and KLUC18-520. The purpose of the drilling on the Northland zone was to test the eastern and western continuity and depth of historical gold mineralization, and obtain a better understanding the host rock and occurrence of the gold mineralization. The Northland zone is located directly north of the K and C zone and is the most northwesterly of the known gold mineralized zones on the Upper Canada property (Figure 10 and 11). The Northland zone is described in SRK's report (2018) as having

mineralization hosted in trachyte to altered syenites with a hematic overprint and made up of several mineralized structures within a fairly broad zone that can be traced along strike for a distance of approximately 800 metres. Some of the larger veins are well mineralized, especially near the syenite porphyry, containing 5 percent disseminated pyrite with local chalcopyrite (Bernier and Chartier, 2018).

**K zone targets**

Four (4) holes were drilled on K zone, totally 1,626 metres; holes KLUC18-512, KLUC18-513, KLUC18-522, and KLUC18-524 (completed in 2019). The purpose of the drilling was to further the understanding and continuity of the gold mineralized trends and fill the gaps between drill holes. The K zone is located south of Northland zone, northwest of C zone and west of L zone (Figure 10 and 11). The K zone consists of two vein zones (striking west and steeply dipping north) located east and west of a diabase dyke with the gold mineralization occurring in a dark bluish quartz veins within trachyte units (Bernier and Chartier, 2018).

**C zone**

One (1) hole (KLUC18-521; 792 m) was drilled on the C zone. The hole was designed to test an upper extension of the C zone as well as eastern extension of the K zone. Unlike the other mineralized zones on the property that were mined, the C zone strikes 015 degrees, obliquely across the west end of L zone with mineralization occurring in reddish grey altered trachyte and "red spotted" tuff lenses (Bernier and Chartier, 2018). Mineralization is typically hosted by magnetite-rich trachyte and ‘’red spotted’’ tuff

lenses and associated with strong iron carbonate alteration and silicification of the host rock. The veins on the C zone are steeply dipping north and plunging east and have been traced along a strike length of 170 metres, between a phase of white porphyry on the west, and a green spotted trachyte on the east. The mineralized zone are best characterized by a fine grained pyrite dusting with dark bluish quartz veins and iron carbonate veinlets.

**HMQ zone**

Four (4) holes were drilled on the HMQ zones, totalling 1,240 metres. Two holes were drilled to completion (KLUC18-517; 678 m and KLUC18-523; 507 m) and two holes were abandoned (KLUC18-516; recollared as KLUC18-517 and KLUC18-525; not recollared). These holes were designed to further the understanding and continuity of the gold mineralized trends and fill the gaps between drill holes on the H, M and Q zones. The H, M, and Q zones form a closely spaced package of parallel trending (east-west) and plunging (east) gold mineralization horizons located immediately east of the Upper L zone.

In SRK's report (2018), the H zone is described as a simple vein structure, with few parallel veins, striking 075 degrees, parallel to the host deformation zone. The host rocks are mainly silicified tuff and narrow sill-like bodies of reddish-grey trachyte porphyry (Bernier and Chartier, 2018).

The M zone consists of two vein zones with westerly strikes, the West M lies 100 metres north of the H zone in the trachyte and trachyte porphyry and the East M lies 200 metres east of No. 1 shaft (Bernier and Chartier, 2018). The host rocks of the East M zone comprise narrow sill-like bodies of trachyte and lenses of tuff and arkose with narrow silicified zones, commonly accompanied by a reddish alteration and carrying disseminated pyrite and occasional grains of tourmaline characterize this vein zone (Bernier and Chartier, 2018).

The Q zone lies 20 metres north of, and parallel to, the West M zone in the trachyte and trachyte porphyry (Bernier and Chartier, 2018). The host rock is a reddish grey altered trachyte porphyry, similar, in many respects, to the reddish-grey trachyte porphyry from the Lower L vein zone with higher gold values occurring in a brecciated zone, which is filled with quartz-calcite and quartz-feldspar-calcite veinlets (Bernier and Chartier, 2018).

## 5.2 2019 DRILLING PROGRAM

### K zone

In 2019, drilling commenced in early January with the continuation of hole KLUC18-524 (final 84 m) on K zone. The purpose of the drilling was to further the understanding and continuity of the gold mineralized trends and fill the gaps between drill holes.

### Northland zone

Fifteen (15) holes were drilled on the Northland zone, totaling 4,846 metres; holes KLUC19-526, KLUC19-529, KLUC19-530, KLUC19-531, KLUC19-532, KLUC19-533, KLUC19-534, KLUC19-535, KLUC19-536, KLUC19-537, KLUC19-541, KLUC19-542, KLUC19-543, KLUC19-544, KLUC19-545 (Table 1-3). The purpose of the drilling on the Northland zone was to test the eastern and western continuity and depth of gold mineralization, and obtain a better understanding the host rock and occurrence of the gold mineralization.

### C zone

Four (4) holes were drilled on C zone, totaling 3,211 metres; holes KLUC19-538, KLUC19-539, KLUC19-540 (abandoned), KLUC19-546. Three holes (KLUC19-538, KLUC19-539, and KLUC19-540) were drilled south to north designed to test the upper and upper western extends of the previously mined C zone. Hole KLUC19-546 was drilled north to south designed to test the abandoned KLUC19-540 target as well as possible secondary intercepts in the C north zone.

**B zone**

One (1) hole (KLUC19-547) was drilled on the B zone; totaling 846 metres. The hole was designed to test the rake of a possible mineralized shoot east of B zone.

**Upper L zone**

Four (4) holes were drilled on Upper L zone, totaling 1,404 metres; holes KLUC19-548 (abandoned), KLUC19-549 (abandoned), KLUC19-550, and KLUC19-551. Hole KLUC19-548 – KLUC19-550 were targeting a 50 m eastern step out from historic results on Upper L zone. KLUC19-551 targeted a 50 m step out east from historic underground assays and 50 m west of hole KLUC19-550.

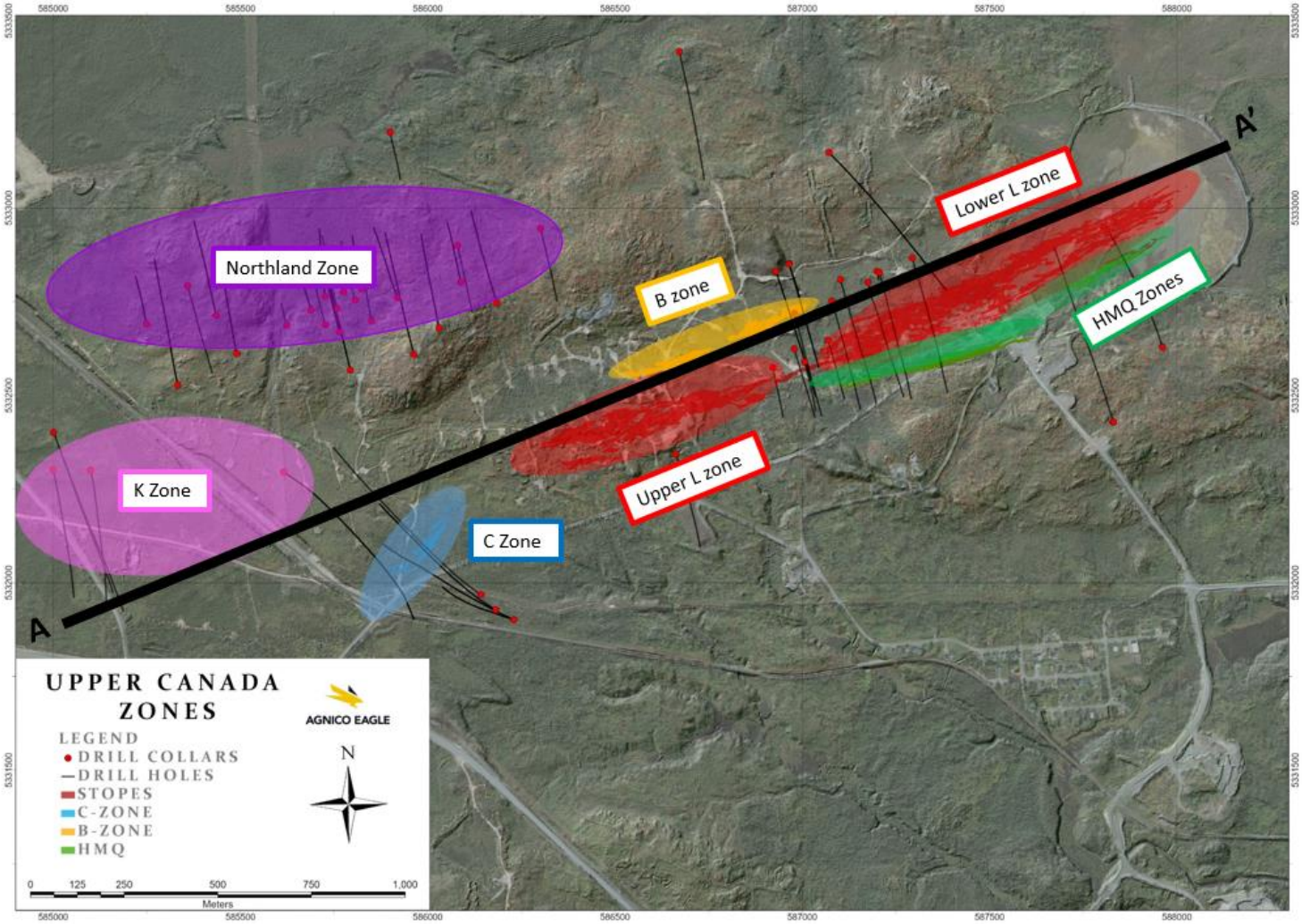



Figure 10. Plan view map showing the location of drill holes from the 2018-2019 program on the Upper Canada Property. Solid black line indicates the orientation of longitudinal section in Figure 11.

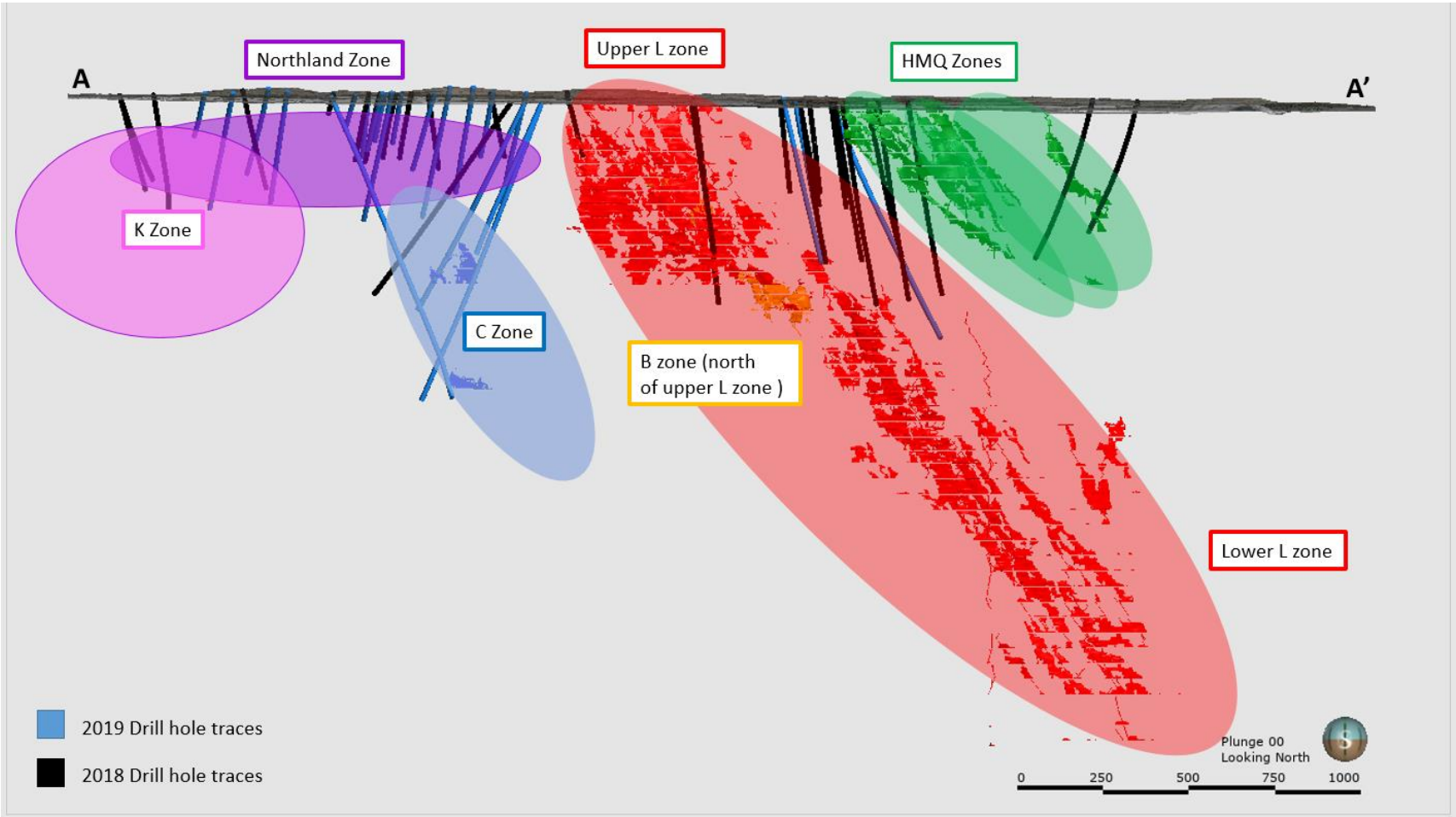



Figure 11. Longitudinal section (looking north) showing the 2018 drill hole traces shown as solid black lines and 2019 drill hole traces shown as solid blue lines.

## 6.0 CORE LOGGING, SAMPLING AND ASSAYING

After the core is recovered from the tube, it is placed in wooden boxes by the drillers. The boxes are plastic wrapped shut and delivered to the core-logging facility at the former Upper Canada mine site at the end of each drill shift by the drill crew.

Core logging protocol by AEM geologists is summarized as follows:
The core is puzzled together to ensure that each piece matches with its neighbours and follows continuously in the rows above and below, the boxes above and below, and there are no pieces of core that have been misplaced in the box. During the puzzling process, the core is oriented in the box so the primary fabric is visible and the driller's meterage blocks are checked for errors. The core is measured and marked on the core at 1 metre intervals and at the start and end of each box.

Rock quality designation (RQD) is calculated over 3 metre intervals and the percentage is marked on the core. Magnetic susceptibility measurements are taken using a multi-parameter probe (MPP) magnetic susceptibility meter at 1 metre intervals, areas of poorly recovered core or missing core are skipped. The RQD and magnetic susceptibility measurements along with geological descriptions of the core are recorded in a digital format using Fusion – DH logger program. Special attention is given to alteration, mineralization, vein and structural information.

The core for all Upper Canada holes was sampled from top to bottom apart from holes that were recollared and intersections with the diabase or kimberlite. The samples are

marked between 0.5-1.5 metre thick intervals (depending on the lithology, alteration and mineralization) by the geologist and sample tickets inserted at the end of the marked interval. An AEM geologist adds in house standards, blanks, laboratory duplicates and field duplicates at specified intervals throughout the sampling process. The samples are then cut in half by AEM technicians using a diamond core saw. Half the core is placed in a plastic bag with a sample ticket and the other half is put back in the box with a duplicate sample ticket stapled at the end of the sampled interval. When visible gold is observed, the sample interval is flagged and a blank is inserted immediately after the sample containing the visible gold to check for contamination. The core cutter is advised to take special care to clean the saw blade after cutting the sample with visible gold to avoid contamination of the next sample.

The cut and bagged samples are placed in fibre (rice) bags, which are placed in wooden crates, a lab work order is prepared, and the samples are delivered by transport to ALS Canada Labs in Timmins, ON for processing.

Samples were locally collected for whole rock analysis to assist with the classification of the lithologies. The samples ranged from 0.1 – 0.3 metres thick and occurred in an interval of core that was relatively homogeneous and free of veins. The cutters took the back half of the sample that would normally be left in the box and put it in a plastic bag with a sample tag and the second sample tag was stapled in the box in the vacant interval.

During the logging process, samples were also taken locally or at consistent intervals to be analysed by the in-house pXRF (portable x-ray fluorescence). A small (1x1 cm) area that was relatively homogeneous and free of fractures or veins was selected on the core and analysed in the pXRF station. The pXRF data was collected to provide a quick but useful geochemical analysis that could be use to simplify the lithological classifications and improve consistencies in logging nomenclature.

Once the description of the core is completed and samples were inserted, the core boxes were photographed 3-4 boxes at a time. After being sampled and cut, metal tags with the hole number, depth from and depth to for the box of core are created and stapled to the front of each of the boxes. The boxes of core are stored outside in racks or pallets within a fenced yard at the Agnico Eagle Mines Ltd. Dobie Exploration office for future reference.

## 7.0 DRILLING RESULTS

The results of the 2018-2019 drilling campaign on the Upper Canada Property are summarised bellow:

### 7.1 Northland zone

In 2018 and 2019, drilling was completed on the Northland zone, west and east of the north-south trending diabase dyke, to test the eastern and western continuity and depth of gold mineralization, and obtain a better understanding of the host rock and occurrence of the gold mineralization. The drilling identified near-surface, wide low-grade gold mineralization that may be amenable to open-pit mining.

#### *7.1.1 Northland east zone*

Drilling on the Northland east zone revealed the lithologies are predominantly porphyry intrusive (amphibole-dominant phenocrysts, feldspar-dominant phenocrysts and mix amphibole-feldspar phenocrysts) with local sediment intervals that become more abundant eastwards. The ductile deformation at Northland is weak to absent, which differs from the other zones on the Upper Canada Property that display moderate to strong ductile deformation no matter the lithology. The gold intercepts appear to be associated with wispy stringers and veins of semi-massive to massive pyrite locally observed with red alteration haloes.

Table 7-1. Assay highlights from Northland east zone.

| Hole id | Zone | Incl. | Interval (m) | | | TW_estimated (m) | Au_gpt uncapped |
|---|---|---|---|---|---|---|---|
| | | | From | To | Length | | |
| KLUC18-506 | Northland east Zone | | 81.5 | 83.0 | 1.5 | 1.1 | 1.22 |
| | | | 106.5 | 126.9 | 20.4 | 14.4 | 1.30 |
| | | incl. | 121.5 | 123.0 | 1.5 | 1.1 | 3.42 |
| | | incl. | 123.0 | 124.5 | 1.5 | 1.1 | 4.58 |
| | | | 195.4 | 196.0 | 0.7 | 0.5 | 9.34 |
| KLUC18-510 | Northland east Zone | | 48.3 | 49.0 | 0.7 | 0.5 | 1.19 |
| | | | 55.5 | 56.6 | 1.1 | 0.8 | 2.32 |
| | | | 84.4 | 91.5 | 7.1 | 5.0 | 1.38 |
| | | | 93.0 | 98.5 | 5.5 | 3.9 | 34.76 |
| | | Incl. | 94.5 | 95.0 | 0.5 | 0.4 | 204.00 |
| | | | 101.5 | 119.5 | 18.0 | 12.8 | 2.05 |
| | | | 125.5 | 131.5 | 6.0 | 4.3 | 4.13 |
| | | incl. | 129.8 | 130.1 | 0.3 | 0.2 | 11.40 |
| | | | 134.3 | 135.0 | 0.7 | 0.5 | 1.05 |
| KLUC18-518 | Northland east Zone | Incl. | 6.0 | 14.0 | 8.0 | 5.7 | 2.51 |
| | | | 30.5 | 42.6 | 12.1 | 8.6 | 1.32 |
| | | | 51 | 53 | 2.0 | 1.4 | 0.99 |
| | | | 54.9 | 63.9 | 9.0 | 6.4 | 1.45 |
| | | incl. | 54.9 | 55.8 | 0.9 | 0.6 | 6.05 |
| | | | 97 | 99.8 | 2.8 | 2.0 | 2.09 |
| | | | 112.5 | 113.5 | 1.0 | 0.7 | 1.10 |
| | | | 119.3 | 132.5 | 13.2 | 9.4 | 2.20 |
| | | | 147 | 152 | 5.0 | 3.6 | 1.63 |
| | | | 163.5 | 169 | 5.5 | 3.9 | 1.36 |
| | | | 183.5 | 184.6 | 1.1 | 0.8 | 1.73 |
| | | | 196.5 | 198 | 1.5 | 1.1 | 1.11 |
| | | | 204.8 | 205.8 | 1.0 | 0.7 | 1.72 |
| | | | 218.5 | 220.2 | 1.7 | 1.2 | 1.30 |
| KLUC18-519 | Northland east Zone | | 27.5 | 28 | 0.5 | 0.3 | 1.10 |
| | | | 31 | 32.5 | 1.5 | 1.0 | 1.10 |
| | | | 91.3 | 92.2 | 0.9 | 0.6 | 1.01 |
| | | | 96.6 | 106.6 | 10.0 | 6.4 | 8.99 |
| | | incl. | 97.5 | 99 | 1.5 | 1.0 | 40.80 |
| | | incl. | 103.7 | 104.2 | 0.5 | 0.3 | 27.30 |
| | | incl. | 106 | 106.6 | 0.6 | 0.4 | 12.75 |
| | | | 118.5 | 123 | 4.5 | 2.9 | 2.12 |
| KLUC18-520 | Northland east Zone | | 34.5 | 35.8 | 1.3 | 0.8 | 1.14 |
| | | | 72 | 73.5 | 1.5 | 1.0 | 1.01 |
| | | | 76.0 | 85.5 | 9.5 | 6.1 | 0.94 |
| | | | 90.0 | 91.5 | 1.5 | 1.0 | 4.91 |
| | | | 135.0 | 161.7 | 26.7 | 17.1 | 1.39 |
| | | | 165.5 | 171.0 | 5.5 | 3.5 | 1.59 |
| | | | 177.5 | 181.6 | 4.1 | 2.6 | 0.98 |
| | | | 185.3 | 186.1 | 0.8 | 0.5 | 1.34 |
| KLUC19-526 | | | 46.0 | 50.5 | 4.5 | 3.2 | 1.88 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Northland east Zone | | 59.0 | 68.5 | 9.5 | 6.7 | 3.01 |
| | | incl. | 60.5 | 62.0 | 1.5 | 1.1 | 12.55 |
| KLUC19-529 | Northland east Zone | | 2.0 | 5.0 | 3.0 | 1.9 | 2.25 |
| | | | 14.0 | 15.5 | 1.5 | 1.0 | 1.27 |
| | | | 47.5 | 49.0 | 1.5 | 1.0 | 2.50 |
| | | | 59.5 | 65.0 | 5.5 | 3.5 | 1.63 |
| | | | 68.0 | 69.5 | 1.5 | 1.0 | 1.39 |
| KLUC19-530 | Northland east Zone | | 20.0 | 23.0 | 3.0 | 2.1 | 1.10 |
| | | | 28.5 | 30.0 | 1.5 | 1.1 | 1.22 |
| | | | 33.0 | 34.5 | 1.5 | 1.1 | 1.31 |
| | | | 43.5 | 56.2 | 12.7 | 9.0 | 0.93 |
| | | | 60.5 | 88.0 | 27.5 | 19.5 | 1.73 |
| | | | 112.5 | 114.0 | 1.5 | 1.1 | 1.34 |
| KLUC19-531 | Northland east Zone | | 12.0 | 15.5 | 3.5 | 2.2 | 1.45 |
| | | | 24.5 | 29.0 | 4.5 | 2.9 | 0.97 |
| | | | 50.5 | 52.0 | 1.5 | 1.0 | 1.61 |
| | | | 71.5 | 78.0 | 6.5 | 4.2 | 1.01 |
| | | | 104.5 | 106.0 | 1.5 | 1.0 | 1.25 |
| | | | 109 | 113.5 | 4.5 | 2.9 | 2.55 |
| | | | 150.5 | 152 | 1.5 | 1.0 | 1.17 |
| KLUC19-532 | Northland east Zone | | 138.0 | 139.3 | 1.3 | 0.8 | 1.11 |
| | | | 186.5 | 188.0 | 1.5 | 1.0 | 1.05 |
| | | | 289.5 | 290.7 | 1.2 | 0.8 | 6.29 |
| KLUC19-533 | Northland east Zone | | 351.0 | 352.5 | 1.5 | 1.0 | 1.04 |
| | | | 384.5 | 393.5 | 9.0 | 5.8 | 1.21 |
| | | incl. | 387.5 | 389 | 1.5 | 1.0 | 4.52 |
| | | | 407 | 410 | 3.0 | 1.9 | 1.02 |
| KLUC19-534 | Northland east Zone | | 1.5 | 22.5 | 21.0 | 14.9 | 1.69 |
| | | | 82 | 83.5 | 1.5 | 1.1 | 5.35 |
| | | | 86 | 87.5 | 1.5 | 1.1 | 3.51 |
| | | | 127.5 | 129 | 1.5 | 1.1 | 1.02 |
| KLUC19-535 | Northland east Zone | | 50.0 | 51.3 | 1.3 | 0.8 | 1.34 |
| | | | 121.0 | 124.0 | 3.0 | 1.9 | 1.41 |
| | | | 145.0 | 154.0 | 9.0 | 5.8 | 0.90 |
| | | | 173 | 174.5 | 1.5 | 1.0 | 18.75 |
| | | | 225.5 | 226.5 | 1.0 | 0.6 | 3.29 |
| KLUC19-536 | Northland east Zone | | 38.5 | 39.9 | 1.4 | 0.9 | 1.05 |
| | | | 49 | 50.5 | 1.5 | 1.0 | 1.05 |
| | | | 222.7 | 223.3 | 0.6 | 0.4 | 1.33 |
| KLUC19-537 | Northland east Zone | | 152.0 | 158.0 | 6.0 | 3.8 | 0.90 |
| | | | 163.5 | 165.2 | 1.7 | 1.1 | 1.63 |
| | | | 169.0 | 170.5 | 1.5 | 1.0 | 2.14 |
| | | | 357.5 | 359.0 | 1.5 | 1.0 | 1.55 |
| KLUC19-541 | Northland east Zone | | 44 | 47.5 | 3.5 | 2.5 | 1.12 |
| | | | 145.5 | 150 | 4.5 | 3.2 | 1.19 |
| | | | 157.5 | 197 | 39.5 | 28.0 | 1.41 |
| | | | 199.5 | 204 | 4.5 | 3.2 | 1.22 |
| | | | 214.5 | 220.4 | 5.9 | 4.2 | 0.97 |

### *7.1.2 Northland West Zone*

Northland Zone west of the diabase appears to contain similar lithology's, alteration packages and mineralization style as observed on the Northland east zone; however the stratigraphy and occurrence of the favourable intrusions versus sediment units appears to be less predictable and contain more stacking of alternating lithologies. This area requires more detailed investigation to understand the gold mineralization trends and the geology.

Table 7-2. Assay highlights from Northland west zone.

| Hole id | Zone | Interval (m) | | | TW_estimated (m) | Au_gpt uncapped |
|---|---|---|---|---|---|---|
| | | From | To | Length | | |
| KLUC19-542 | Northland west Zone | 132.5 | 134 | 1.5 | 1.1 | 1.93 |
| | | 227 | 235.5 | 8.5 | 6.0 | 1.02 |
| | | 280 | 281.5 | 1.5 | 1.1 | 1.10 |
| | | 289.5 | 292 | 2.5 | 1.8 | 0.78 |
| | | 359.5 | 360.5 | 1.0 | 0.7 | 1.62 |
| | | 371 | 378.5 | 7.5 | 5.3 | 0.94 |
| | | 406 | 430 | 24.0 | 17.0 | 1.42 |
| | | 450.5 | 451.5 | 1.0 | 0.7 | 5.32 |
| KLUC19-543 | Northland west Zone | 43 | 46.9 | 3.9 | 2.5 | 1.20 |
| | | 302.7 | 315 | 12.3 | 7.9 | 0.99 |
| | | 327.7 | 328.3 | 0.6 | 0.4 | 1.02 |
| | | 347.5 | 349 | 1.5 | 1.0 | 1.36 |
| | | 354.9 | 356 | 1.1 | 0.7 | 1.10 |
| KLUC19-544 | Northland west Zone | 35.5 | 40.5 | 5.0 | 3.6 | 0.89 |
| | | 123 | 130.5 | 7.5 | 5.3 | 0.97 |
| KLUC19-545 | Northland west Zone | 168.5 | 171.5 | 3.0 | 2.1 | 1.01 |
| | | 177.5 | 179 | 1.5 | 1.1 | 5.07 |

## 7.2 K zone targets

In 2018, drilling was completed on K zone to further the understanding and continuity of the gold mineralized trends and fill the gaps between drill holes. The holes drilled on K zone highlighted a few gold intercepts grading between 1-5 g/t Au (gold) over 1-5 m, but they appear to occur at random (Table 7-3). The intervals above and bellow the gold intercepts appear to contain similar (if not the same) primary lithology, deformation

intensity (moderate to strong parallel deformation with chaotic folding), alteration package (chlorite, sericite, iron-carbonate), and pyrite mineralization abundance (1-3% disseminated or clustered) as the gold mineralized intervals. This area requires more detailed investigation to identify and understand the constraints on gold mineralization.

Table 7-3. Assay highlights from K zone.

| Hole id | Interval (m) | | | TW_estimated (m) | Au_gpt uncapped |
|---|---|---|---|---|---|
| | From | To | Length | | |
| KLUC18-512 | 214.5 | 221.8 | 7.3 | 5.2 | 2.67 |
| | 216.0 | 219.0 | 3.0 | 2.1 | 4.99 |
| | 321 | 324.3 | 3.3 | 2.5 | 1.08 |
| KLUC18-513 | 250.7 | 252.0 | 1.3 | 0.8 | 2.13 |
| KLUC18-522 | 119.1 | 120.4 | 1.3 | 0.8 | 1.88 |
| | 339.5 | 341.0 | 1.5 | 1.1 | 2.12 |
| KLUC18-524 | 155.2 | 156.4 | 1.3 | 0.9 | 1.92 |
| | 162.0 | 163.5 | 1.5 | 1.1 | 1.92 |
| | 165.0 | 170.0 | 5.0 | 3.6 | 2.49 |
| | 173.0 | 174.5 | 1.5 | 1.1 | 1.89 |

### 7.3 C zone

As part of an internal study (see section 8.0) to find relevant geologic attributes and enhance our geological knowledge at the Upper Canada property (both deposit and ore zones scales), Julien Dubé under supervision of Olivier Côté-Mantha began a lithogeochemical study on the C zone. The study identified three broad lithogeochemical domains and highlighted the presence of a chemically favorable unit for gold mineralization. This study also lead to the recognition of strong iron carbonate alteration, fine pyrite dusting, dark bluish quartz veins and iron carbonate veinlets as key features for gold mineralization.

In 2018, hole KLUC18-521 was drilled to test an upper extension of the C zone and it successfully intercepted various horizons of the C zone between 219.5-394 m down hole (Table 7-4). The gold intercepts of KLUC18-521 in the C main zone seem to be associated with a tuffaceous to massive alkaline host rock with local iron-carbonate alteration and 5-10% pyrite dusting, which is consistent with the findings of the detailed study on C zone.

In 2019, holes KLUC19-538, KLUC19-539, and KLUC19-540 (abandoned due to deviation) were drilled south to north to test the upper and upper western extends of the C zone. KLUC18-538 intercepted the C zone between 403.5-478.5 m down hole depth (Table 7-4). These intercepts occur within an alkaline unit with local intervals containing 10% very fine-grained disseminated pyrite. KLUC19-539 intercepted C zone horizons between 458.9-864.2 m (Table 7-4). KLUC19-539 returned 6.80 g/t Au over 0.8m (at 560 m); possibly associated with discontinuous quartz-carbonate veining within strong deformed, sericite altered interval), 3.42 g/t Au over 1.0 m (at 628 m; likely associated with quartz-carbonate veining) and 1.20 g/t Au over 22.0 m (842.2-864.2m; deformed tuffaceous alkaline unit with varying abundance of quartz-carbonate veining and 10-15% pyrite dusting).

Hole KLUC19-546 was drilled north to south to test the abandoned KLUC19-540 target as well as possible secondary intercepts in the C north zone, which successfully intercepted various C zone horizons. The most impressive gold intercept in hole KLUC19-546 is at 342.8-343.5 m returning 74.50 g/t Au over 0.7 m, which is associated

with a quartz vein containing 40% massive chalcopyrite occurring in a white spotted porphyry intrusion. The white spotted porphyry is described by Tully (1962) as comparable to a leucosyenite in composition, characterised by whitish grey phenocrysts composed of orthoclase and plagioclase (usually present in the ratio of l : l).

Table 7-4. Assay highlights from C zone.

| Hole id | Incl. | Interval (m) | | | TW_estimated (m) | Au_gpt uncapped |
|---|---|---|---|---|---|---|
| | | From | To | Length | | |
| | | 219.5 | 224.0 | 4.5 | 2.9 | 1.40 |
| | | 241.0 | 243.5 | 2.5 | 1.6 | 2.62 |
| | | 295.0 | 296.5 | 1.5 | 1.0 | 1.23 |
| | | 316.5 | 328.4 | 11.9 | 7.6 | 1.01 |
| | Incl. | 318.0 | 319.5 | 1.5 | 1.0 | 3.66 |
| | | 345.5 | 347 | 1.5 | 1.1 | 1.38 |
| | | 350.7 | 354.2 | 3.5 | 2.5 | 11.03 |
| | | 392.5 | 394.0 | 1.5 | 1.1 | 8.54 |
| KLUC19-538 | | 403.5 | 405.0 | 1.5 | 0.9 | 2.25 |
| | | 417.0 | 418.0 | 1.0 | 0.6 | 3.25 |
| | | 454.5 | 456.0 | 1.5 | 0.9 | 17.35 |
| | | 475.5 | 478.5 | 3.0 | 1.7 | 1.65 |
| KLUC19-539 | | 458.9 | 460.8 | 1.9 | 0.8 | 1.63 |
| | | 484.3 | 485.2 | 0.9 | 0.4 | 1.39 |
| | | 560.0 | 564.5 | 4.5 | 1.9 | 1.75 |
| | incl. | 560.0 | 560.8 | 0.8 | 0.3 | 6.80 |
| | | 567.5 | 568.9 | 1.4 | 0.6 | 2.15 |
| | | 612.4 | 613.7 | 1.3 | 0.5 | 1.32 |
| | | 624.0 | 629.0 | 5.0 | 2.1 | 1.71 |
| | Incl. | 628.0 | 629.0 | 1.0 | 0.4 | 3.42 |
| | | 636.0 | 641.0 | 5.0 | 2.1 | 2.54 |
| | | 748.5 | 750.2 | 1.7 | 0.7 | 1.52 |
| | | 775.5 | 778.5 | 3.0 | 1.3 | 1.51 |
| | | 838.5 | 839.5 | 1.0 | 0.4 | 1.71 |
| | | 842.2 | 864.2 | 22.0 | 9.2 | 1.20 |
| KLUC19-546 | | 224.5 | 227.5 | 3.0 | 1.5 | 1.64 |
| | | 292.0 | 295.5 | 3.5 | 1.8 | 1.14 |
| | | 342.8 | 343.5 | 0.7 | 0.3 | 74.50 |
| | | 408.8 | 409.3 | 0.5 | 0.3 | 2.03 |
| | | 421.2 | 422.0 | 0.8 | 0.4 | 2.59 |
| | | 435.6 | 437.0 | 1.4 | 0.7 | 1.63 |
| | | 486.0 | 493.5 | 7.5 | 3.8 | 4.10 |
| | Incl. | 492.0 | 493.5 | 1.5 | 0.8 | 9.37 |
| | | 824.0 | 825.1 | 1.1 | 0.6 | 2.17 |
| | | 843.0 | 844.0 | 1.0 | 0.6 | 4.29 |
| | | 1007.0 | 1009.0 | 2.0 | 1.1 | 3.11 |

### 7.4 Brock zones

Hole KLUC19-547 was primarily drilled to test a possible mineralized trend east of B zone, but first went through the Brock zone general corridor. The hole intercepted a possible western extension of the Brock North zone at 57.5-64.5 m downhole depth, returning 0.91 g/t Au over 3.0 m (Table 7-5), which is hosted in a strongly brittle deformed syenite intrusion containing 2% disseminated pyrite. KLUC19-547 also intercepted the Brock east zone at 379.8-481.5 m downhole depth, returning 25.30 g/t Au over 1.3 m (potentially associated with a chaotic quartz-carbonate vein with 10% pyrite and 5% chalcopyrite patches occurring at contact between sediment and intrusion units) and, 4.16 g/t Au over 4.2 m (hosted in brittlely deformed syenite intrusion with 5% random clusters of pyrite).

### 7.5 B Zone

In 2018, hole KLUC18-496 was drilled to testing a gap area between the parallel trending Upper L and H zones to confirm whether or not the area contained gold mineralization. At 30-60 m down hole depth, KLUC18-496 returned 1.44 g/t Au over 12.5 m, 3.23 g/t Au over 3.0 m and 2.40 g/t Au over 1.1 m, which occurs within the B zone horizon (Table 7-5). The gold intercepts are hosted within a moderate to strongly brittle deformed syenite intrusion with moderate patchy calcite and fracture filling chlorite alteration and local blebby chalcopyrite (0.1%) and disseminated pyrite (1-2%) mineralization.

In 2019, hole KLUC19-547 was drilled to test the rake of a possible mineralized trend east of B zone. At 827.5-840 m down hole depth, KLUC19-547 returned 2.76 g/t Au over 5.5 m and 1.84 g/t Au over 2.5 m (Table 7-5), which occurs south of the B zone and could broadly be associated with the lower L zone. This intercept occurs within a strongly brittlely deformed, brecciated with clasts of massive and porphyritic syenite intrusion with local intervals of chaotic 30% quartz-calcite-chlorite veining, and local patches of up to 3% chalcopyrite and 1% disseminated pyrite.

Table 7-5. Assay highlights from Brock and B zones.

| Hole id | Zone | Incl. | Interval (m) | | | TW_estimated (m) | Au_gpt uncapped |
|---|---|---|---|---|---|---|---|
| | | | From | To | Length | | |
| KLUC18-496 | B zone | | 30.5 | 43.0 | 12.5 | 6.3 | 1.44 |
| | | | 49.0 | 52.0 | 3.0 | 1.5 | 3.23 |
| | | | 56.2 | 57.4 | 1.1 | 0.6 | 2.40 |
| | | | 60.0 | 61.5 | 1.5 | 0.8 | 3.93 |
| KLUC19-547 | Brock north Zone | | 57.5 | 58.5 | 1.0 | 0.4 | 1.11 |
| | | | 61.5 | 64.5 | 3.0 | 1.3 | 0.91 |
| | Brock East zone | | 379.8 | 380.8 | 1.0 | 0.6 | 1.10 |
| | | | 403.5 | 404.8 | 1.3 | 0.7 | 25.30 |
| | | | 477.3 | 481.5 | 4.2 | 2.4 | 4.16 |
| | | incl. | 478.5 | 480 | 1.5 | 0.9 | 11.35 |
| | Brock Zone | | 616.4 | 617.2 | 0.8 | 0.5 | 1.08 |
| | B Zone | | 696.0 | 702 | 6.0 | 3.8 | 0.80 |

## 7.6 Upper L zone

In 2018, holes were drilled to test the gap area between the upper L and H zone that intercepted the Upper L zone. KLUC18-496 and KLUC18-498 returned 1-3 g/t Au over 1-4 m (locally up to 15 m) core length gold intercepts (Table 7-6). The intercepts in KLUC18-496 occur in a strongly deformed and chaotically folded, sericite and carbonate

altered tuffaceous trachyte (or sediment) unit with discontinuous and folded quartz-carbonate veining throughout.

In 2019, holes were drilled to target eastern step outs from historic results on Upper L zone. KLUC19-550 returned 4.77 g/t Au over 1.0 m, possibly associated with a ~1 cm thick bluish quartz vein within a deformed tuffaceous unit. KLUC19-551 returned 19.25 g/t Au over 1.5 m (possibly associated with discontinuous bluish quartz wisps) and 14.65 g/t Au over 1.2 m (possibly associated with patches of chalcopyrite mineralization).

Table 7-6. Assay highlights from Upper L zone.

| Hole id | Incl. | Interval (m) | | | TW_estimated (m) | Au_gpt uncapped |
|---|---|---|---|---|---|---|
| | | From | To | Length | | |
| KLUC18-496 | | 143.0 | 157.8 | 14.8 | 7.4 | 1.10 |
| | | 175.5 | 179.3 | 3.8 | 1.9 | 1.25 |
| KLUC18-497 | | 132 | 132.8 | 0.8 | 0.3 | 0.96 |
| | | 244 | 247.3 | 3.3 | 1.4 | 0.83 |
| KLUC18-498 | | 24 | 24.7 | 0.7 | 0.3 | 2.76 |
| | | 119.5 | 123.2 | 3.7 | 1.6 | 1.01 |
| | | 121 | 122.0 | 1.0 | 0.4 | 1.83 |
| | | 152 | 153.5 | 1.5 | 0.6 | 1.12 |
| KLUC19-550 | | 202.4 | 203.5 | 1.1 | 0.6 | 0.99 |
| | | 332.5 | 334.0 | 1.5 | 0.9 | 0.93 |
| | | 480.0 | 481.0 | 1.0 | 0.6 | 1.04 |
| | | 499.0 | 500.0 | 1.0 | 0.6 | 4.77 |
| KLUC19-551 | | 138.5 | 141.5 | 3.0 | 1.7 | 1.00 |
| | | 185.0 | 186.5 | 1.5 | 0.9 | 19.25 |
| | | 230.3 | 235.7 | 5.4 | 3.1 | 3.75 |
| | Incl. | 230.3 | 231.5 | 1.2 | 0.7 | 14.65 |
| | | 370.0 | 371.0 | 1.0 | 0.6 | 2.58 |
| | | 445.6 | 446.6 | 1.0 | 0.6 | 1.75 |
| | | 473.0 | 476.0 | 3.0 | 1.9 | 1.66 |
| | | 482.0 | 485.5 | 3.5 | 2.2 | 1.21 |
| | | 537.5 | 553.0 | 15.5 | 9.9 | 0.99 |

## 7.7 HMQ zone

In 2018, drilling was completed to test the gap area between Upper L and H zone (north to south) that intercepted the H zone and holes were drilled on the HMQ zones (south to north) to further the understanding and continuity of the gold mineralized trends and fill the gaps between drill holes on the H, M and Q zones.

### *7.7.1 H Zone*

Initially designed to test the gap area between Upper L and H zone holes KLUC18-501, 503 and 511 returned gold intercepts that could be associated with the H zone. KLUC18-501 intercepted local gold mineralization (>0.90 g/t Au) between 557.5-597.5 m; occurring in a strongly deformed tuffaceous to sediment unit with up to 10% disseminated pyrite and local chaotically folded and discontinuous carbonate veins (Table 7-6). KLUC18-503 and KLUC18-511 also intercepted local gold mineralization (1-7 g/t Au over 1-3 m), which seem to occur in a similar host rock with similar deformation style and intensity, and vein and alteration packages as observed in hole KLUC18-501.

Hole KLUC18-517, designed to further the understanding and continuity of gold mineralization on HMQ zones returned an impressive 220.00 g/t Au over 0.5 m on H zone (other intercepts listed in Table 7-6). This gold intercept is interpreted to be associated with bluish quartz veins or patches of bluish grey quartz hosted within a sericite schist unit.

### *7.7.2 MQ zones*

Hole KLUC18-523, designed to further the understanding and continuity of gold mineralization on HMQ zones returned gold intercepts on MQ zones; 2.51 g/t Au over 6.8 m (incl. 7.24 g/t Au over 1.3 m; Table 7-6). This intercept occurs immediately after a historically mined out stope within a deformed tuffaceous to clastic unit with local 2-3% disseminated pyrite.

Initially designed to test the gap area between Upper L and H zone the following holes returned gold intercepts that could be associated with the MQ zones. KLUC18-495 returned 6.21 g/t Au over 1.5 m; possibly associated with the 1-2% irregular carbonate veins hosted in a deformed tuffaceous to sediment unit with 0.5% disseminated pyrite (Table 7-6). KLUC18-500 returned 3.87 g/t Au over 2.5 m; occurring in a transitional contact zone between a tuffaceous to sediment unit with moderate patches of hematite alteration and 15-20% chaotic quartz veins. KLUC18-501 returned 9.53 g/t Au over 0.9 m; possibly associated with a 10 cm quartz-calcite-chlorite vein with 15% disseminated pyrite hosted in a brittlely deformed syenite intrusion. KLUC18-509 returned 5.69 g/t Au over 1.5 m; occurring in a chaotically brittle deformed syenite intrusion with moderate bluish green patches of chlorite alteration. These holes may have other intercepts, listed in Table 7-6.

### *7.7.3 MQ North Zones*

Hole KLUC18-517, designed to further the understanding and continuity of gold mineralization on HMQ zones, returned gold intercepts north of MQ zones. KLUC18-517 returned 16.15 g/t Au over 1.5 m and 33.40 g/t Au over 1.5 m (Table 7-7); occurring in a syenite intrusion with 2-3% disseminated pyrite, it is not clear what is hosting the gold.

Table 7-7. Assay highlights from HMQ zones.

| Hole id | Zone | Incl. | Interval (m) | | | TW_estimated (m) | Au_gpt uncapped |
|---|---|---|---|---|---|---|---|
| | | | From | To | Length | | |
| KLUC18-495 | North of MQ Zones | | 122.5 | 125.5 | 3.0 | 1.5 | 0.93 |
| | | | 259.5 | 260.5 | 1.0 | 0.5 | 1.42 |
| | MQ Zones | | 424.5 | 426.0 | 1.5 | 0.8 | 6.21 |
| | | | 431.5 | 437.4 | 5.9 | 2.9 | 1.33 |
| KLUC18-500 | MQ Zones | | 64.5 | 67.0 | 2.5 | 1.1 | 3.87 |
| | | | 98.0 | 99.5 | 1.5 | 0.6 | 1.33 |
| | | | 113.4 | 116.6 | 3.2 | 1.3 | 1.02 |
| | H zone | | 329.5 | 331.0 | 1.5 | 0.6 | 1.69 |
| | | | 338.5 | 341.2 | 2.7 | 1.1 | 1.18 |
| KLUC18-501 | North of MQ Zones | | 121.6 | 124.5 | 2.9 | 1.5 | 0.92 |
| | | | 136.0 | 137.0 | 1.0 | 0.5 | 2.45 |
| | MQ Zones | | 267.0 | 267.9 | 0.9 | 0.4 | 9.53 |
| | Between H and MQ zones | | 427.0 | 428.9 | 1.9 | 0.9 | 1.33 |
| | | | 435.5 | 439.5 | 4.0 | 2.0 | 1.05 |
| | H zone | | 557.5 | 561.0 | 3.5 | 1.8 | 1.49 |
| | | | 586.5 | 589.0 | 2.5 | 1.3 | 3.19 |
| | | | 595.5 | 597.5 | 2.0 | 1.0 | 0.97 |
| KLUC18-503 | MQ Zones | | 427.5 | 429.0 | 1.5 | 0.8 | 1.85 |
| | H zone | | 489.0 | 491.0 | 2.0 | 1.0 | 1.03 |
| | | | 500.2 | 502.7 | 2.5 | 1.3 | 4.11 |
| | | incl. | 501.5 | 502.7 | 1.2 | 0.6 | 6.99 |
| | | | 508.0 | 509.9 | 1.9 | 0.9 | 1.68 |
| | | | 511.1 | 513.8 | 2.7 | 1.3 | 2.44 |
| | | | 619.0 | 620.5 | 1.5 | 0.8 | 2.22 |
| KLUC18-507 | MQ Zones | | 300.0 | 301.5 | 1.5 | 0.8 | 1.93 |
| | | | 334.5 | 336.0 | 1.5 | 0.8 | 1.35 |
| | | | 347.5 | 349.0 | 1.5 | 0.8 | 1.04 |
| | | | 398.5 | 401.3 | 2.8 | 1.4 | 0.97 |
| KLUC18-509 | MQ Zones | | 226.5 | 227.5 | 1.0 | 0.5 | 1.65 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | 248.0 | 249.5 | 1.5 | 0.8 | 5.69 |
| | | | 298.0 | 307.5 | 9.5 | 4.8 | 1.55 |
| | | | 310.0 | 311.0 | 1.0 | 0.5 | 2.98 |
| | H zone | | 386.0 | 387.0 | 1.0 | 0.5 | 1.03 |
| | | | 415.4 | 416.5 | 1.1 | 0.6 | 1.23 |
| | | | 447.0 | 448.5 | 1.5 | 0.8 | 1.21 |
| KLUC18-511 | MQ Zones | | 178.0 | 180.0 | 2.0 | 1.1 | 0.97 |
| | | | 296.5 | 297.5 | 1.0 | 0.6 | 1.64 |
| | | | 337.5 | 339.0 | 1.5 | 0.9 | 1.40 |
| | H zone | | 400.0 | 401.5 | 1.5 | 0.9 | 2.11 |
| KLUC18-517 | H Zone | | 384.5 | 386.7 | 2.2 | 1.6 | 1.39 |
| | | | 409.2 | 411.9 | 2.7 | 1.9 | 43.66 |
| | | incl. | 410.2 | 410.7 | 0.5 | 0.4 | 220.00 |
| | | | 438.8 | 439.4 | 0.6 | 0.4 | 1.55 |
| | | | 526 | 527.5 | 1.5 | 1.2 | 2.48 |
| | | | 557 | 557.9 | 0.9 | 0.7 | 2.22 |
| | | | 565 | 568 | 3.0 | 2.3 | 1.09 |
| | | | 571.5 | 573 | 1.5 | 1.2 | 1.28 |
| | MQ North Zone | | 586.5 | 592 | 5.5 | 4.2 | 14.46 |
| | | incl. | 586.5 | 588 | 1.5 | 1.2 | 16.15 |
| | | incl. | 588 | 589.5 | 1.5 | 1.2 | 33.40 |
| | | | 602.5 | 604.0 | 1.5 | 1.2 | 6.62 |
| | | | 607 | 608.5 | 1.5 | 1.2 | 1.69 |
| | | | 631.3 | 632.3 | 1.0 | 0.8 | 3.90 |
| | | | 660 | 661.5 | 1.5 | 1.2 | 2.81 |
| KLUC18-523 | MQ Zone | | 392.7 | 399.5 | 6.8 | 4.8 | 2.51 |
| | | incl. | 392.7 | 394.0 | 1.3 | 0.9 | 7.24 |
| | MQ - Peripheral | | 471.0 | 472.5 | 1.5 | 1.1 | 2.79 |
| | | | 486.0 | 487.5 | 1.5 | 1.1 | 2.10 |

## 8.0 GEOCHEMICAL CHARACTERIZATION

In 2018, a geochemical and detailed relogging study commenced on the Upper Canada property. The study's focus started on the C zone aimed to better understand the key features of the gold mineralization and identify ways to simplify the logging and classification of the lithologies in proximity to the C zone (Figure 12). Using a combination of detailed descriptions, petrography, whole rock and pXRF analysis (on core and pucks of pulverised reject samples), three main lithogeochemical units were identified. This study also identified one group (by specific range of elements from pXRF analysis) was particularly favourable for gold as compared to the rest. The method was also applied to the Northland zone, which identified certain porphyry intrusion, alteration and mineralization style to be more favourable for gold (Figure 13). The geochemical study is ongoing, the pulps of samples from specific intervals in selected holes on the Upper Canada deposit are being analysed on the pXRF as well as samples on core during the logging process to build a dataset and better understanding of the classification lithologies.

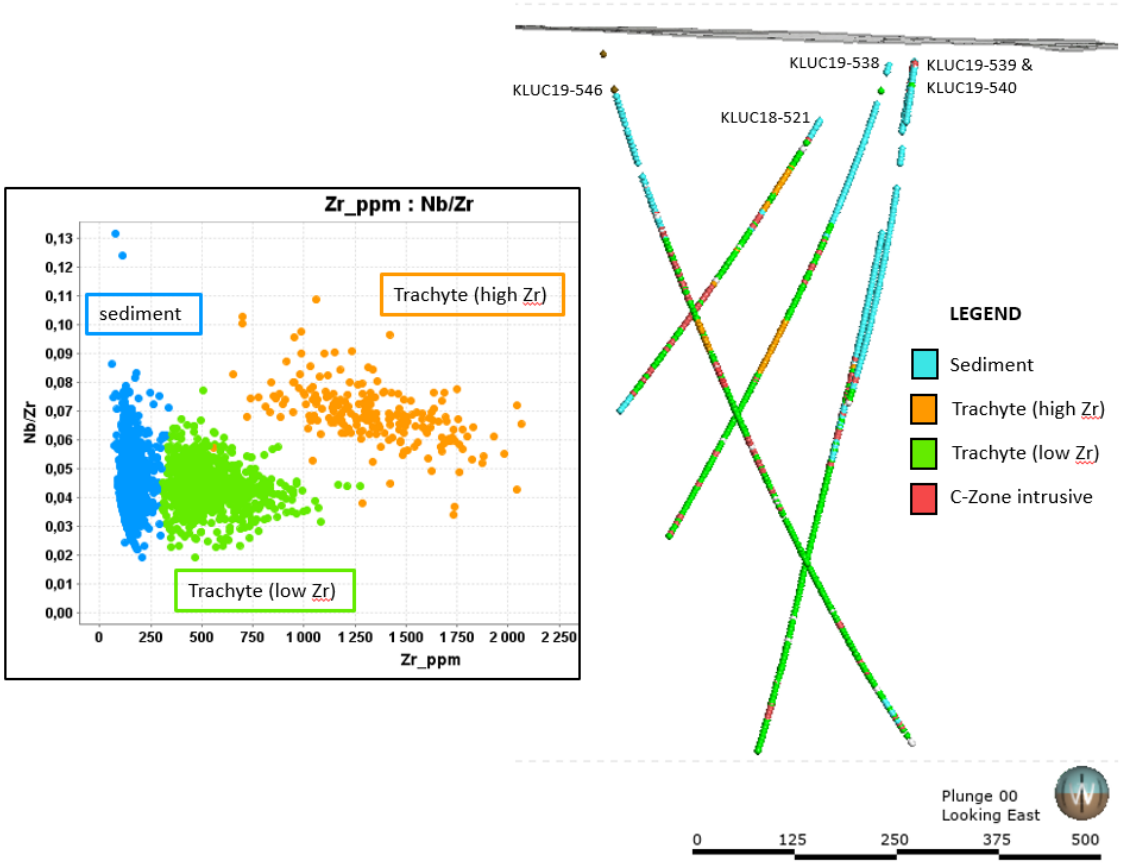



Figure 12. Diagram of the internal geochemical study on C zone. Plot showing the pXRF data with the three main lithogeochemical units. Cross section (looking east) showing the distribution of domains in 2018-2019 drilling on C zone.

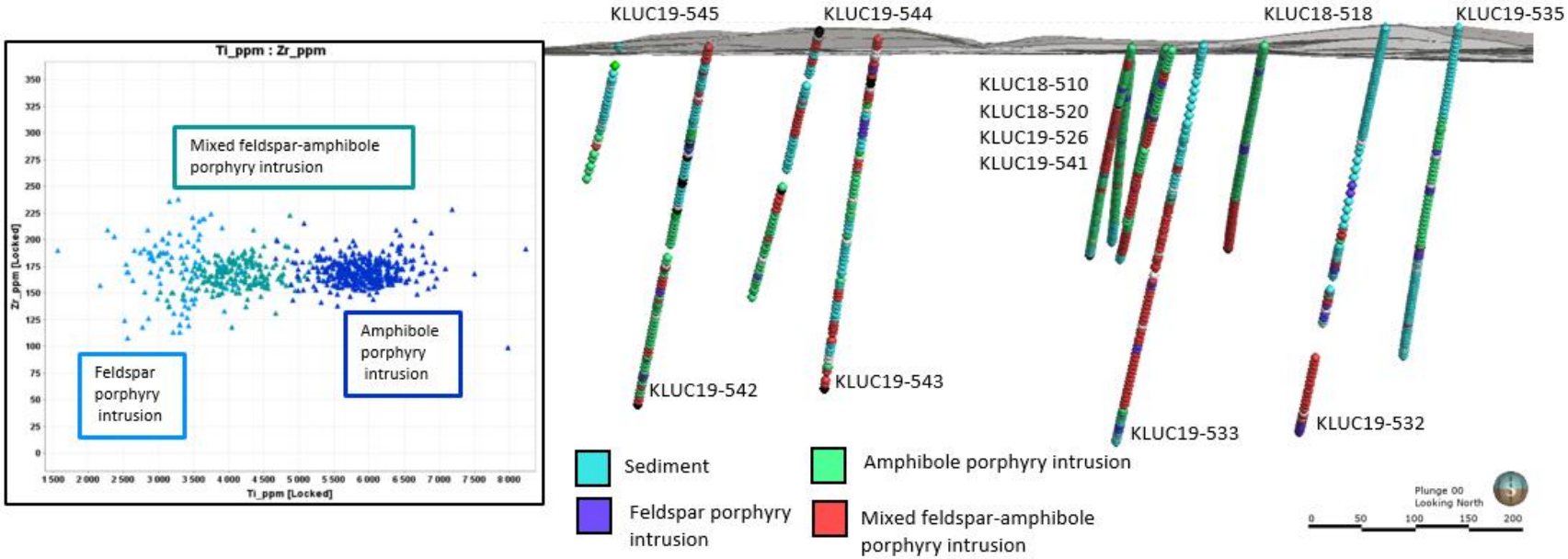



Figure 13. Diagram of the internal geochemical study on Northland zone. Plot showing the pXRF data with the three main lithogeochemical units. Cross section (looking east) showing the distribution of domains in 2018-2019 drilling on Northland zone.

## 9.0 INTERPRETATIONS

Geological interpretations are undertaken on the Upper Canada property utilizing Leapfrog Geo 3D modelling software. Data is imported as CSV files, and other file formats such as DXF, DTM's etc. which include drill-hole collars, down-hole surveys, lithologies, assays, alteration, mineralization and structural data derived from the geological logging, along with topographic data. Initial geological interpretations are completed by AEM staff geologists to define lithologies, structures and mineralized domains with the final 3D modelling completed by the technical staff of AEM. Mineralized domains are then imported into Datamine software, and run through the Mining Scenario Optimizer (MSO) software using variable mining parameters to determine potentially economic resources and reserves. Prior to 2018, 3D geological modelling was done using Surpac software.

## 10.0 RECOMMENDATIONS

### 10.1 Northland zone

It is recommended that more drilling be completed on Northland zone east of the diabase to determine the depth and east-western extents of the gold trends. One or two holes should be drilled at an angle to the interpreted trend of the zone and the diabase dyke to investigate gold trends at the contact of the diabase. The pXRF should continue to be use to assign proper lithology codes.

The gold mineralization trends on the Northland zone west of the diabase appear to be hard to predict; it would be beneficial to do some investigative work to identify possible

gold trends in addition to correlation in other characteristics such as common alteration packages, mineralization type or styles. Infill drilling between holes with good intercepts and as close to the diabase as possible is recommended to determine how the gold trends are behaving near the western contact of the diabase dyke. Spot check analysis should be taken at regular intervals using the pXRF and it may be beneficial to do pXRF on previously drilled holes in the areas west of the diabase dyke.

### 10.2 C zone

The most successful hole from the drilling program on C zone was hole KLUC19-546 that was drilled north to south. This hole intercepted numerous gold intercepts north of the main C zone and within the C main horizon. The C zone was also the starting point for the internal geochemical and detailed relogging study. Now that we have collected more pXRF data from both drill core and pucks from C main zone and westwards, it would be interesting to test the findings of the study by drilling western step out from hole KLUC19-546 towards the K zones. It is also recommended to drill the area eastwards of C main zone to test the favorable lithological unit in addition to the southern contact with white spotted porphyry.

### 10.4 HMQ zones

Aside from the 220 g/t Au over 0.5 m intercept from hole KLUC18-517 on H zone, the peripheries of MQ zones and area north of MQ zones appear to host consistent gold grades. It is recommended to drill a few holes traversing the HMQ zones south to north to

target the primarily H zone with secondary targets on MQ zones to further validated to anomalously high gold intercept in hole KLUC18-517. It is also recommended to drill holes north to south, if possible, to target primarily the gold intercepts north of MQ zones with secondary target potential in areas surrounding random assay grades to the north of B and Brock zones but south of Brock north.

### 10.5 Areas North of L and B Zones

Some of the holes aimed at deeper targets (ex: KLUC19-547 on B zone) returned random gold intercepts in areas that have not been recently interpreted as coherent zones. It is recommended to investigate the horizon located 300 to 500 m of the main Upper Canada deformation corridor westward to Northland zone, eastward to the Tisdale sedimentary contact and northwards from the B zone trend. This area contains many scattered gold grades, but requires some interpretation to identify the best course of action on where to drill.

## 11.0 REFERENCES


Alexander, D.R., 2007. Technical Report on the Mineral Properties of Queenston Mining Inc. in the Kirkland Lake Gold Camp.

Ayer J.A. et al. 2005. Overview of Results from the Greenstone Architecture Project Discover Abitibi Initiative. Ontario Geological Survey Open File Report 6154, 146 pp.

Bernier, S. and Chartier, D., 2018. Independent Technical Report for the Upper Canada Gold Property, Canada; prepared by SRK Consulting (Canada) Inc., SRK Project Number: 5CC005.008, for Canadian Malartic Corportation.

Thomson J.E. and Griffis A.T., 1941. Geology of Gauthier Township, East Kirkland Lake area. Ontario Department of Mines Annual Report, v. 50, pt. 8, 29 p.

Lafrance B. 2015. Geology of the Orogenic Cheminis Gold Deposit along the Larder Lake – Cadillac Deformation Zone, Ontario. Canadian Journal of Earth Sciences, 2015, 52(12). pp 1093 to 1108.

Snyder, D.B., Cary, P., and Salisbury, M., 2009. 2D-3C high resolution seismic data from the Abitibi Greenstone Belt. Canada; Tectonophysics, v. 472, pg. 226 – 237.

Tully D.W. 1963. The Geology of the Upper Canada Mine. The Canadian Mining and Metallurgical Bulletin, v. 66, pp. 10-20.

## 12.0 STATEMENT OF QUALIFICATIONS

I, Mélanie Bouchard, P.Geo, do hereby certify that:

1. I am a Geologist with Agnico Eagle Mines Limited – Exploration Division – Kirkland Lake Project at 72 Upper Canada Drive, Dobie, Ontario, Canada;

2. I graduated from Laurentian University in Sudbury, ON with a Bachelor of Science degree in Geology in 2015 and currently a part-time Master's of Science in Geology candidate (2015 to present). I have practiced my profession continuously since 2017.

3. I am a registered Professional Geoscientist with the Professional Geoscientists of Ontario, registration number 3141.

4. I prepared this report and logged majority of the holes described in this report.

5. This report is an accurate account of the 2018-2019 exploration program conducted by Agnico Eagle Mines Ltd. on the Upper Canada Property of the Kirkland Lake Project.

7. I have direct knowledge and have confirmed the expenditures made relating to the activities described in this report as outlined in the Statement of Expenditures.

Dated at Dobie (ON) this 10th of December 2019.

Mélanie Bouchard

**Mélanie Bouchard, P.Geo, PGO #3141**

Table 1. Summary of 2018-2019 drilling program expenditures

| Upper Canada - 2018 and 2019 Diamond Drilling Programs | | | |
|---|---|---|---|
| Summary of Expenditures $CDN | | | |
| **Year** | **Company** | **Category** | **Cost Pre-tax** |
| 2018 | Asinii Drilling | Drilling | $782,045.73 |
| | Major Drilling | Drilling | $73,642.78 |
| | | **Total** | **$855,688.51** |
| | | | |
| | Reflex | Gyro Surveys | $6,902.50 |
| | | | |
| | ALS Labs | Analysis | $155,128.19 |
| | | | |
| | AEM - Salaries | Geologist | $79,830.17 |
| | | Surveying | $30,087.86 |
| | | Technician | $46,303.88 |
| | | **Total** | **$156,221.91** |
| | | | |
| **TOTAL 2018 Expenditures** | | | **$1,173,941.11** |
| | | | |
| 2019 | Asinii Drilling | Drilling | $906,263.84 |
| | | | |
| | Reflex | Gyro Surveys | $5,900.00 |
| | | | |
| | ALS Labs | Analysis | $288,541.45 |
| | | | |
| | AEM - Salaries | Geologist | $228,291.96 |
| | | Surveying | $70,637.80 |
| | | Technician | $202,080.74 |
| | | **Total** | **$501,010.50** |
| | | | |
| **TOTAL 2019 Expenditures** | | | **$1,701,715.79** |
| | | | |
| **2018-2019 Grand total** | | | $2,875,656.90 |

## Appendix A – 2018-2019 Drill logs

AGNICO EAGLE

# DRILL HOLE REPORT

EXPLORATION CANADA
ONTARIO

**Hole number:** KLUC18-495 **Project Number:** U_Canada **Project name:** Upper Canada

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Historic hole number:** | | **Collar survey:** | Y | **From:** | 0.0 | **Coordinates:** | P |
| **System:** | METRIC | **Verified:** | N | **To:** | 675.0 | **Grid:** | UTM83-17_CSRS-2010: |
| **Target:** | UC_UPPER_L_ZONE | **Gas:** | N | **Depth:** | 675.0 | **North:** | 5,332,867.10 |
| **No. Claim:** | PAT-18795 | **Multishot survey:** | Y | **Location:** | Surface | **East:** | 587,293.54 |
| **Year:** | 2 018 | **Is making water:** | Y | **Core storage:** | Exploration Camp | **Elevation:** | 327.19 |
| **Date started:** | 2018-07-25 | **Object in hole:** | N | **Contractor:** | Asinii Drilling | **Collar dip:** | -61.91 |
| **Date logged:** | 2018-08-08 | **Pulse EM survey:** | N | **Logged by:** | Melanie Bouchard | **Collar azimuth:** | 162.96 |
| **Date completed:** | 2018-08-07 | **Plugged:** | N | **Signature:** | Mélanie Bouchard | | |
| **Core size:** | NQ | **Cemented:** | N | | | | |
| **Hole type:** | EXP | **Branch:** | N | | M.Oosterman | | |
| **Casing:** | Left in Hole, capped | **Reserve:** | N | | | | |
| **Logging status:** | Signed | | | | | | |
| **Rig number:** | 0102 | | | | | | |

**Additionnal sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Proposed hole: UCP18-034 (MSO-10), Drill Rig: 102, Stabilization: 2 hex corebarrel and 18" shell, Targeting: MSO blocks between L Zone and H Zone
Drillers reported loss of drilling water return at 466m. At the end of drilling casing is reported to making water.

## Assay average

| Average type | From | To | Length | Width | Zone | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Pb_ppm | Ni_ppm | As_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WEIGHTED | 259.5 | 260.5 | 1.0 | | | 1.420 | | | | | | |
| WEIGHTED | 424.5 | 426.0 | 1.5 | | UC_UPPER_L | 6.210 | | | | | | |
| WEIGHTED | 431.5 | 437.4 | 5.9 | | | 1.327 | | | | | | |

## Survey data

| Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 165.12 | -61.75 | NS | O | DeviAligner |
| 10.0 | 164.17 | -60.61 | G | O | |
| 27.0 | 166.61 | -60.74 | DS | | Mag: 54691 |
| 40.0 | 163.59 | -60.63 | G | O | |
| 57.0 | 165.31 | -60.59 | DS | | Mag.54085 |
| 70.0 | 163.58 | -60.42 | G | O | |
| 87.0 | 164.15 | -60.40 | DS | | Mag. 55818 |
| 100.0 | 163.61 | -60.15 | G | O | |

| Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 162.14 | -61.91 | S | | Unsure reliability of data |
| 20.0 | 163.32 | -60.64 | G | O | |
| 30.0 | 163.44 | -60.72 | G | O | |
| 50.0 | 163.42 | -60.62 | G | O | |
| 60.0 | 163.47 | -60.54 | G | O | |
| 80.0 | 163.59 | -60.29 | G | O | |
| 90.0 | 163.57 | -60.23 | G | O | |
| 110.0 | 163.62 | -60.13 | G | O | |

## Hole number: KLUC18-495

**Survey data**

| Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 117.0 | 0.00 | 0.00 | DS | | Devishot wasn't working so they went to get another one and took the next reading at 147m |
| 130.0 | 163.59 | -59.90 | G | O | |
| 147.0 | 163.35 | -60.19 | DS | | Mag. ? Took a multisoht because pad for tests wasn't working |
| 160.0 | 163.55 | -59.90 | G | O | |
| 177.0 | 163.37 | -60.06 | DS | | Mag. ? Took a multisoht because pad for tests wasn't working |
| 190.0 | 163.88 | -59.76 | G | O | |
| 207.0 | 160.83 | -59.65 | DS | | Mag. 52556 |
| 220.0 | 163.97 | -59.32 | G | O | |
| 237.0 | 165.45 | -59.18 | DS | | Mag. 54863 |
| 250.0 | 164.07 | -58.99 | G | O | |
| 267.0 | 164.45 | -58.98 | DS | | Mag. 54961 |
| 280.0 | 164.37 | -58.66 | G | O | |
| 297.0 | 165.74 | -58.87 | DS | | Mag. 55014 |
| 310.0 | 164.53 | -58.46 | G | O | |
| 327.0 | 165.36 | -58.48 | DS | | Mag, 55239 |
| 340.0 | 164.84 | -58.18 | G | O | |
| 357.0 | 168.65 | -58.87 | DS | | Mag. 53924 |
| 370.0 | 165.21 | -57.65 | G | O | |
| 387.0 | 168.11 | -57.75 | DS | | Mag. 54412 |
| 400.0 | 164.86 | -56.77 | G | O | |
| 417.0 | 166.22 | -55.83 | DS | | Mag. 54955 |
| 430.0 | 165.27 | -55.45 | G | O | |
| 447.0 | 167.30 | -55.23 | DS | | Mag. 54722 |
| 460.0 | 165.23 | -54.96 | G | O | |
| 472.0 | 166.28 | -55.01 | DS | | Mag. 54768 |
| 507.0 | 168.16 | -54.36 | DS | O | Mag. 54651 |
| 567.0 | 169.27 | -52.24 | DS | O | Mag. 54750 |
| 627.0 | 165.63 | -47.92 | DS | O | Mag. 54745 |
| 675.0 | 166.61 | -46.21 | DS | O | Mag. 55014 |
| 120.0 | 163.71 | -59.96 | G | O | |
| 140.0 | 163.98 | -60.00 | G | O | |
| 150.0 | 163.74 | -59.99 | G | O | |
| 170.0 | 163.72 | -59.89 | G | O | |
| 180.0 | 163.84 | -59.83 | G | O | |
| 200.0 | 163.91 | -59.67 | G | O | |
| 210.0 | 163.91 | -59.50 | G | O | |
| 230.0 | 164.08 | -59.18 | G | O | |
| 240.0 | 164.13 | -59.05 | G | O | |
| 260.0 | 164.20 | -58.85 | G | O | |
| 270.0 | 164.25 | -58.72 | G | O | |
| 290.0 | 164.46 | -58.60 | G | O | |
| 300.0 | 164.50 | -58.53 | G | O | |
| 320.0 | 164.70 | -58.35 | G | O | |
| 330.0 | 164.79 | -58.26 | G | O | |
| 350.0 | 164.97 | -58.01 | G | O | |
| 360.0 | 165.05 | -57.82 | G | O | |
| 380.0 | 165.28 | -57.56 | G | O | |
| 390.0 | 165.28 | -57.50 | G | O | |
| 410.0 | 164.77 | -55.75 | G | O | |
| 420.0 | 164.85 | -55.58 | G | O | |
| 440.0 | 165.09 | -55.33 | G | O | |
| 450.0 | 165.11 | -55.16 | G | O | |
| 470.0 | 165.25 | -54.84 | G | O | |
| 480.0 | 165.44 | -54.73 | G | O | |
| 537.0 | 166.88 | -53.08 | DS | O | Mag. 55446 |
| 597.0 | 167.97 | -50.55 | DS | O | Mag. 54883 |
| 657.0 | 167.37 | -46.27 | DS | O | Mag. 55028 |

**Hole number:** KLUC18-495

| Certificate |
|---|
| A19-808 |
| A19-809 |
| SD18194402 |
| SD18194418 |
| SD18200495 |
| SD18200507 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505R19-025 | Excaon1 | CAOND109014 |
| | | CAOND109018 |
| | | CAOND109034 |
| | | CAOND109038 |
| | | CAOND109053 |
| | | CAOND109056 |
| | | CAOND109067 |
| | | CAOND109072 |
| | | CAOND109211 |
| | | CAOND109287 |
| | | CAOND109291 |
| | | CAOND109294 |
| | | CAOND109296 |
| | | CAOND109318 |
| | | CAOND109357 |
| | | CAOND109369 |
| | | CAOND109435 |
| | | CAOND109438 |
| | | CAOND109495 |
| | | CAOND109503 |
| | | CAOND109528 |
| | | CAOND109535 |
| | | CAOND109557 |
| | | CAOND109564 |
| | | CAOND109674 |
| | | CAOND109677 |
| | | CAOND109689 |
| | | CAOND109691 |
| | | CAOND109704 |
| | | CAOND109710 |
| | | CAOND109729 |
| | | CAOND109751 |
| | | CAOND109757 |
| | | CAOND109764 |
| | | CAOND109781 |
| | | CAOND109787 |
| | | CAOND109796 - CAOND109797 |
| | | CAOND109818 |
| | | CAOND109836 |
| | | CAOND109839 |
| | | CAOND109874 - CAOND109875 |

| Sample number | Standard |
|---|---|
| CAOND109015 | CDN-CM-24-AEM |
| CAOND109020 | BLANK-DB |
| CAOND109030 | CDN-GS-5U-AEM |
| CAOND109045 | CDN-CM-28-AEM |
| CAOND109060 | CDN-CM-24-AEM |
| CAOND109070 | BLANK-DB |
| CAOND109075 | CDN-GS-5U-AEM |
| CAOND109090 | CDN-CM-28-AEM |
| CAOND109115 | CDN-CM-24-AEM |
| CAOND109120 | BLANK-DB |
| CAOND109130 | CDN-GS-5U-AEM |
| CAOND109145 | CDN-CM-28-AEM |
| CAOND109160 | CDN-CM-24-AEM |
| CAOND109170 | BLANK-DB |
| CAOND109175 | CDN-GS-5U-AEM |
| CAOND109190 | CDN-CM-28-AEM |
| CAOND109215 | CDN-CM-24-AEM |
| CAOND109220 | BLANK-DB |
| CAOND109230 | CDN-GS-5U-AEM |
| CAOND109245 | CDN-CM-28-AEM |
| CAOND109260 | CDN-CM-24-AEM |
| CAOND109270 | BLANK-DB |
| CAOND109275 | CDN-GS-5U-AEM |
| CAOND109290 | CDN-CM-28-AEM |
| CAOND109315 | CDN-CM-24-AEM |
| CAOND109320 | BLANK-DB |
| CAOND109330 | CDN-GS-5U-AEM |
| CAOND109345 | CDN-CM-28-AEM |
| CAOND109360 | CDN-CM-24-AEM |
| CAOND109370 | BLANK-DB |
| CAOND109375 | CDN-GS-5U-AEM |
| CAOND109390 | CDN-CM-28-AEM |
| CAOND109415 | CDN-CM-24-AEM |

**Hole number:** KLUC18-495

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND109890 |
| | | CAOND109940 |
| | | CAOND109974 |
| | | CAOND109984 |
| | | CAOND110011 |
| | | CAOND110056 - CAOND110057 |
| | | CAOND110062 |
| | | CAOND110073 |
| | | CAOND110113 |
| | | CAOND110161 |
| | | CAOND110163 |
| | | CAOND110174 |
| | | CAOND110198 |
| | | CAOND110213 |
| | | CAOND110236 |
| | | CAOND110240 |
| | | CAOND110249 |
| | | CAOND110261 |
| | | CAOND110270 |
| | | CAOND110322 |
| | | CAOND110328 |
| | | CAOND110340 |
| | | CAOND110355 |
| | | CAOND110362 |
| | | CAOND110379 |
| | | CAOND110382 - CAOND110383 |
| | | CAOND110398 |
| | | CAOND110434 |
| | | CAOND110438 |
| | | CAOND110441 |
| | | CAOND110443 |
| | | CAOND110468 |
| | | CAOND110496 |
| | | CAOND110502 |
| | | CAOND110514 |
| | | CAOND110523 |
| | | CAOND110539 |
| | | CAOND110544 |
| | | CAOND110552 |
| | | CAOND110572 |
| | | CAOND110593 - CAOND110595 |
| | | CAOND110603 |
| | | CAOND110633 |

| Sample number | Standard |
|---|---|
| CAOND109420 | BLANK-DB |
| CAOND109430 | CDN-GS-5U-AEM |
| CAOND109445 | CDN-CM-28-AEM |
| CAOND109460 | CDN-CM-24-AEM |
| CAOND109470 | BLANK-DB |
| CAOND109475 | CDN-GS-5U-AEM |
| CAOND109490 | CDN-CM-28-AEM |
| CAOND110015 | CDN-CM-24-AEM |
| CAOND110020 | BLANK-DB |
| CAOND110030 | CDN-GS-5U-AEM |

**Hole number:** KLUC18-495

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND110664 - CAOND110665 |
| | | CAOND110683 |
| | | CAOND110694 |
| | | CAOND110710 |
| | | CAOND110712 - CAOND110713 |
| | | CAOND110808 |
| | | CAOND110813 |
| | | CAOND110837 |
| | | CAOND110871 |
| | | CAOND110885 |
| | | CAOND110948 |
| | | CAOND110951 |
| | | CAOND110956 |
| | | CAOND110978 |
| | | CAOND111098 |
| | | CAOND111129 |
| | | CAOND111178 |
| | | CAOND111262 |
| | | CAOND111277 |
| | | CAOND111286 |
| | | CAOND111385 |
| | | CAOND111446 |
| | | CAOND111448 |
| | | CAOND111455 |
| | | CAOND111481 |
| | | CAOND111513 |
| | | CAOND111529 |
| | | CAOND111558 |
| | | CAOND111606 |
| | | CAOND111629 |
| | | CAOND111634 |
| | | CAOND111673 |
| | | CAOND111686 |
| | | CAOND111690 |
| | | CAOND111709 |
| | | CAOND111734 |
| | | CAOND111747 |
| | | CAOND111752 |
| | | CAOND111763 |
| | | CAOND111774 |
| | | CAOND111794 |
| | | CAOND111806 |
| | | CAOND111838 |

**Hole number:** KLUC18-495

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND111842 |
| | | CAOND111876 |
| | | CAOND111878 |
| | | CAOND111881 |
| | | CAOND111889 |
| | | CAOND111913 |
| | | CAOND111954 |
| | | CAOND111988 |
| | | CAOND112048 |
| | | CAOND112084 |
| | | CAOND112097 |
| | | CAOND112123 |
| | | CAOND112128 |
| | | CAOND112154 |
| | | CAOND112187 |
| | | CAOND112214 |
| | | CAOND112218 |
| | | CAOND112223 - CAOND112224 |
| | | CAOND112263 |
| | | CAOND112286 |
| | | CAOND112309 |
| | | CAOND112410 |
| | | CAOND112434 |
| | | CAOND112474 |
| | | CAOND112485 |
| | | CAOND112505 |
| | | CAOND112513 |
| | | CAOND112537 |
| | | CAOND112559 |
| | | CAOND112584 |
| | | CAOND112606 |
| | | CAOND112632 |
| | | CAOND112676 |
| | | CAOND112704 |
| | | CAOND112757 |
| | | CAOND112789 |
| | | CAOND112794 |
| | | CAOND112798 |
| | | CAOND112811 - CAOND112812 |
| | | CAOND112832 |
| | | CAOND112837 |
| | | CAOND112846 |
| | | CAOND112855 |

**Hole number:** KLUC18-495

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND112865<br>CAOND112917<br>CAOND112937<br>CAOND112957<br>CAOND112971<br>CAOND113672<br>CAOND113777<br>CAOND113779<br>CAOND113781<br>CAOND113789<br>CAOND114014<br>CAOND114020<br>CAOND114187<br>CAOND114221<br>CAOND114264<br>CAOND114276<br>CAOND115912<br>CAOND115926<br>CAOND115942<br>CAOND115959<br>CAOND115962<br>CAOND115999<br>CAOND116503<br>CAOND116522<br>CAOND116533<br>CAOND116542<br>CAOND116618<br>CAOND116620<br>CAOND116633<br>CAOND116642<br>CAOND116658<br>CAOND116660<br>CAOND116673 |
| KLUC18-0807 | Excaon1 | CAOND109001 - CAOND109209<br>CAOND109501 - CAOND109668 |
| KLUC18-0813 | Excaon1 | CAOND109210 - CAOND109500<br>CAOND109645<br>CAOND109660<br>CAOND109669 - CAOND109691<br>CAOND109693 - CAOND110000<br>CAOND110002 - CAOND110093<br>CAOND110115<br>CAOND110120 |

**Hole number:** KLUC18-495

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND110130<br>CAOND110145<br>CAOND110160<br>CAOND110170<br>CAOND110175<br>CAOND110190<br>CAOND110215<br>CAOND110220<br>CAOND110230<br>CAOND110245<br>CAOND110260<br>CAOND110270<br>CAOND110275<br>CAOND110290<br>CAOND110501 - CAOND110519<br>CAOND110521 - CAOND110736<br>CAOND110754<br>KLUC18-495-LC2<br>KLUC18-499-LC1<br>KLUC18-501-LC1 |
| KLUC18-0815 | Excaon1 | CAOND109210 - CAOND109500<br>CAOND109669 - CAOND109691<br>CAOND109693 - CAOND110093<br>CAOND110501 - CAOND110518 |

*The sample list may content samples from other holes

**Major:** **From:** 0.00 **To:** 16.60 OVB, Overburden

Overburden / sand; casing was sunk to 18m

**Major:** **From:** 16.60 **To:** 113.60 I2Dm, Mafic Syenite

Composition: Dominantly dark green with medium reddish patches, medium to fine grained, equigranular, locally porphyritic; I2Dm (mafic syenite) Magnetism: Moderately magnetic throughout Veinning: 1-2% mm scale, chaotic pinkish and white calcite veinning at varying orientation locally increasing to 5-8% tension, mm scale calcite veinlets Structure: Weak to locally moderate fracturing with no particular orientation at the beginning of unit Alteration: Moderate pervasive patches and fracture filled chlorite alteration, patches (or minor intervals of pervasive) moderate hematite alteration, weak to moderate spotty and patchy calcite alteration Mineralization: Rare to trace very fine grained, disseminated PY mineralization; locally increasing to 2%, local 1-2% clustered Cp mineralization associated with fractures and veinning Lower Contact: Gradational, contact is marked by the gradational change to more felsic-pink syenite **casing was sunk to 18m

**MINOR INTERVAL**

87.60 - 90.60: V8mPorphComposition: Dark green to grey with slight puplish tint, fine grained matrix with up to 5% rounded greasy, greenish biege lucite phenocrysts; Trachyte mafic porphyry

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109001 | 16.6 | 18.0 | 1.4 | 0.017 | | | | |
| CAOND109002 | 18.0 | 19.5 | 1.5 | 0.010 | | | | |
| CAOND109003 | 19.5 | 21.0 | 1.5 | 0.027 | | | | |
| CAOND109004 | 21.0 | 22.5 | 1.5 | 0.014 | | | | |
| CAOND109005 | 22.5 | 24.0 | 1.5 | 0.027 | | | | |
| CAOND109006 | 24.0 | 25.5 | 1.5 | 0.038 | | | | |
| CAOND109007 | 25.5 | 27.0 | 1.5 | 0.010 | | | | |
| CAOND109008 | 27.0 | 28.5 | 1.5 | 0.008 | | | | |
| CAOND109009 | 28.5 | 30.0 | 1.5 | 0.011 | | | | |
| CAOND109010 | 30.0 | 31.5 | 1.5 | 0.020 | | | | |

**Hole number: KLUC18-495**

(V8mPorph) Magnetism: Moderately magnetic Veinning: 1-2% mm scale, chaotic and discontinuous white calcite veinning at varying orientation Structure: Weak healed fractures at various orientations Alteration: Weak pervasive hematite and weak fracture filled chlorite Mineralization: Trace to 1% fine grained disseminated Py mineralization Contacts: gradational, contact is place where Lucite begins and ends

## MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

43.00 - 44.00: CPY, PAT, .50, -, -, 0.5% chalcopyrite clustered in mm scale calcite veinlets
71.00 - 71.50: CPY, PAT, 2.00, -, -, 2% patchy chalcopyrite
73.00 - 79.00: PYR, DIS, 2.00, -, -, 2-3% fine grained disseminated PY mineralization with locally clustered up to 5%
103.00 - 105.20: CPY, BBY, 1.00, -, -, 1-2% clusters of Cp mineralization occuring at contacts of veins
112.00 - 113.60: CPY, BBY, .50, -, -, 0.5% fine grained clustered Cp mineralization occuring in veinlets and fractures

## ALTERATION

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

16.60 - 23.20: CAL+, SPO, WEAK, PNK2_BASIC, -, Weak spotty calcite alteration
16.60 - 23.20: CHL+, PAT, WEAK, -, -, Weak patchy and fracture filled chlorite alteration
16.60 - 23.20: HEM+, PEN, MOD, -, -, Moderate pervasive hematite alteration
33.00 - 35.00: HEM+, PAT, WEAK, -, -, Weak patchy hematite alteration
35.00 - 48.00: CAL+, SPO, MOD, -, -, Moderate spotty calcite alteration
42.00 - 47.00: HEM+, PAT, WEAK, -, -, Weak to locally moderate hematite alteration
69.00 - 71.00: HEM+, PEN, MOD, -, -, Moderate pervasive hematite alteration
74.00 - 77.00: HEM+, PEN, MOD, -, -, Weak to moderate hematization
79.00 - 94.00: CAL+, PAT, MOD, -, -, Moderate chaotic tension, veinlets and fracture filled calcite alteration
87.60 - 90.60: HEM+, PEN, WEAK, -, -, Weak pervasive hematite alteration
90.60 - 113.60: CAL+, SPO, WEAK, -, -, Weak to moderate spotty calcite alteration
90.60 - 113.60: CHL+, PAT, MOD, -, -, Moderate patchy to fracture filled chlorite alteration
90.60 - 113.60: HEM+, PAT, WEAK, -, -, Weak to locally moderate patchy to pervasive intervals of hematite alteration

## STRUCTURE

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

16.60 - 32.00: FRA, -, WEAK, Weak fracturing into 2-5cm thick pieces at no particular orientation with local 20-40cm thick intervals of moderate fracturing into 2-3cm thick pieces
37.00 - 38.00: FOL, 50.00, WEAK, Weak foliation oriented at 50 TCA, defined by the weak alignment of chl and calcite
48.50 - 52.70: FRA, -, WEAK, Weak fracturing into 3-5cm thick angular pieces with no preferred orientation

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109011 | 31.5 | 33.0 | 1.5 | 0.015 | | | | |
| CAOND109012 | 33.0 | 34.5 | 1.5 | 0.030 | | | | |
| CAOND109013 | 34.5 | 36.0 | 1.5 | 0.020 | | | | |
| CAOND109014 | 36.0 | 37.5 | 1.5 | 0.496 | | | | |
| CAOND109016 | 37.5 | 39.0 | 1.5 | 0.022 | | | | |
| CAOND109017 | 39.0 | 40.5 | 1.5 | 0.016 | | | | |
| CAOND109018 | 40.5 | 42.0 | 1.5 | 0.007 | | | | |
| CAOND109019 | 42.0 | 43.5 | 1.5 | 0.014 | | | | |
| CAOND109021 | 43.5 | 45.0 | 1.5 | 0.006 | | | | |
| CAOND109022 | 45.0 | 46.5 | 1.5 | 0.019 | | | | |
| CAOND109023 | 46.5 | 48.0 | 1.5 | 0.020 | | | | |
| CAOND109024 | 48.0 | 49.5 | 1.5 | 0.018 | | | | |
| CAOND109026 | 49.5 | 51.0 | 1.5 | 0.039 | | | | |
| CAOND109027 | 51.0 | 52.5 | 1.5 | 0.029 | | | | |
| CAOND109028 | 52.5 | 54.0 | 1.5 | 0.029 | | | | |
| CAOND109029 | 54.0 | 55.5 | 1.5 | 0.013 | | | | |
| CAOND109031 | 55.5 | 57.0 | 1.5 | 0.007 | | | | |
| CAOND109032 | 57.0 | 58.5 | 1.5 | 0.026 | | | | |
| CAOND109033 | 58.5 | 60.0 | 1.5 | 0.022 | | | | |
| CAOND109034 | 60.0 | 61.5 | 1.5 | 0.019 | | | | |
| CAOND109035 | 61.5 | 63.0 | 1.5 | 0.066 | | | | |
| CAOND109036 | 63.0 | 64.5 | 1.5 | 0.026 | | | | |
| CAOND109037 | 64.5 | 66.0 | 1.5 | 0.035 | | | | |
| CAOND109038 | 66.0 | 67.5 | 1.5 | 0.026 | | | | |
| CAOND109039 | 67.5 | 69.0 | 1.5 | 0.021 | | | | |
| CAOND109040 | 69.0 | 70.5 | 1.5 | 0.021 | | | | |
| CAOND109041 | 70.5 | 72.0 | 1.5 | 0.045 | | | | |
| CAOND109042 | 72.0 | 73.5 | 1.5 | 0.017 | | | | |
| CAOND109043 | 73.5 | 75.0 | 1.5 | 0.023 | | | | |
| CAOND109044 | 75.0 | 76.5 | 1.5 | 0.011 | | | | |
| CAOND109046 | 76.5 | 78.0 | 1.5 | 0.047 | | | | |
| CAOND109047 | 78.0 | 79.5 | 1.5 | 0.035 | | | | |
| CAOND109048 | 79.5 | 81.0 | 1.5 | 0.037 | | | | |

## Hole number: KLUC18-495

73.00 - 77.00: FOL, 20.00, MOD, Moderate foliation oriented at 20-30 TCA; defined by the alignment of chlorite and calcite stringers

**VEIN**
TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS
103.00 - 103.20: CalChl, 5.00, -, -, -, -, CPY, 1.00, 5% Qtz-chl-cal veinning 1-2cm thick, at various orientations, sharp but slightly wavy contacts; 1-2% clustered Cp mineralization

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109049 | 81.0 | 82.5 | 1.5 | 0.067 | | | | |
| CAOND109051 | 82.5 | 84.0 | 1.5 | 0.312 | | | | |
| CAOND109052 | 84.0 | 85.5 | 1.5 | 0.109 | | | | |
| CAOND109053 | 85.5 | 86.5 | 1.0 | 0.065 | | | | |
| CAOND109054 | 86.5 | 87.6 | 1.1 | 0.025 | | | | |
| CAOND109055 | 87.6 | 88.5 | 0.9 | 0.083 | | | | |
| CAOND109056 | 88.5 | 89.6 | 1.1 | 0.018 | | | | |
| CAOND109057 | 89.6 | 90.6 | 1.0 | 0.061 | | | | |
| CAOND109058 | 90.6 | 92.0 | 1.4 | 0.107 | | | | |
| CAOND109059 | 92.0 | 93.5 | 1.5 | 0.104 | | | | |
| CAOND109061 | 93.5 | 95.0 | 1.5 | 0.187 | | | | |
| CAOND109062 | 95.0 | 96.5 | 1.5 | 0.026 | | | | |
| CAOND109063 | 96.5 | 98.0 | 1.5 | 0.014 | | | | |
| CAOND109064 | 98.0 | 99.5 | 1.5 | 0.019 | | | | |
| CAOND109065 | 99.5 | 101.0 | 1.5 | 0.038 | | | | |
| CAOND109066 | 101.0 | 102.5 | 1.5 | 0.073 | | | | |
| CAOND109067 | 102.5 | 104.0 | 1.5 | 0.035 | | | | |
| CAOND109068 | 104.0 | 105.2 | 1.2 | 0.022 | | | | |
| CAOND109069 | 105.2 | 106.5 | 1.3 | 0.057 | | | | |
| CAOND109071 | 106.5 | 108.0 | 1.5 | 0.045 | | | | |
| CAOND109072 | 108.0 | 109.5 | 1.5 | 0.033 | | | | |
| CAOND109073 | 109.5 | 111.0 | 1.5 | 0.011 | | | | |
| CAOND109074 | 111.0 | 112.5 | 1.5 | 0.049 | | | | |
| CAOND109076 | 112.5 | 113.6 | 1.1 | 0.052 | | | | |

**Major:** **From:** 113.60 **To:** 184.00 I2D, Syénite

Composition: Medium pink to red color with stringers and patches of dark green, medium grained, massive?, equigranular with slight brecciated appearance; I2D - Syenite Magnetism: Moderately magnetic throughout Veinning: Network of chaotic and mm scale fracture filled chlorite and calcite veinlets Structure: Brecciated textural appearance from fracturing Alteration: Moderate pervasive hematite alteration, weak chlorite alteration occuring as patches and stringers, weak to moderate spotty and patchy calcite alteration Mineralization: Irregular clusters and disseminated fine grained magnetite mineralization with local clusters of very fine to fine grained chalcopyrite Lower Contact: Gradational, contact is place where dominant reddish coloured syenite gradually changes to dark green 133 - 154m; brecciated medium red syenite "clasts" with strong, irregular and chaotic patches of chlorite alteration between clasts. Very fine to fine grained disseminated mm scale magnetite

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109077 | 113.6 | 115.0 | 1.4 | 0.017 | | | | |
| CAOND109078 | 115.0 | 116.5 | 1.5 | 0.024 | | | | |
| CAOND109079 | 116.5 | 118.0 | 1.5 | 0.024 | | | | |
| CAOND109081 | 118.0 | 119.5 | 1.5 | 0.083 | | | | |
| CAOND109082 | 119.5 | 121.0 | 1.5 | 0.654 | | | | |
| CAOND109083 | 121.0 | 122.5 | 1.5 | 0.297 | | | | |
| CAOND109084 | 122.5 | 124.0 | 1.5 | 1.120 | | | | |
| CAOND109085 | 124.0 | 125.5 | 1.5 | 0.733 | | | | |

**Hole number: KLUC18-495**

mineralization occuring in chlorite patches. This interval in porous and fractured pieces are crumbly. The syenite patches vary in thickness and shape. Local 1.5m interval with moderate foliation at 50 TCA. Minor intervals of preferential alignment of brecciated syenite clasts oriented at 30-50 TCA. 154-167m; chlorite alteration diminishes in intensity and brecciation becomes less promonent and more locallised. 177-181m; porphyritic intervals with up to 20% Lucite? phenocrysts (3-4mm in size and subhedral shaped, waxy greenish beige colour)

**MINOR INTERVAL**

143.00 - 143.40: CNRPossible core not recovered / lost. This intervals is strongly altered and crumbly.

**TEXTURE**

TYPE/GRAIN_SIZE/COMMENTS

133.00 - 154.00: BRC, -, Moderately brecciated syenite caused by the strong, irregular and chaotic patches of chlorite alteration between clasts of syenite

177.00 - 179.10: POR, -, Minor interval of syenite with approx. 20% Lucite? phenocrysts (3-4mm in size and subhedral shaped, medium greenish beige color)

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

113.60 - 129.00: CPY, BBY, .50, -, -, 0.5% to locally 1% clustered very fine to fine grained chalcopyrite mineralization

133.00 - 154.00: MAG, DIS, 5.00, -, -, 5-10% fine grained disseminated magnetite occuring in strong chlorite altered patches of a brecciated syenite

154.00 - 184.00: MAG, DIS, 2.00, -, -, 2% fine grained disseminated magnetite occuring in chlorite altered patches

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

113.60 - 133.00: CAL+, SPO, WEAK, -, -, Weak to moderation spotty and patchy calcite alteration

113.60 - 133.00: CHL+, PAT, WEAK, -, -, Weak patchy and stringers of chlorite alteration

113.60 - 133.00: HEM+, PEN, MOD, -, -, Moderate pervasive chlorite alteration

133.00 - 154.00: CAL+, SPO, WEAK, -, -, Weak to moderate spotty to patchy calcite alteration

133.00 - 154.00: CHL+, PAT, STRONG, -, -, Strong chlorite alteration occuring as irregular and chaotic patches brecciating syenite and occuring between clasts

133.00 - 154.00: HEM+, PAT, WEAK, -, -, Weak to moderate hematization occuring in syenite clasts

154.00 - 167.00: CHL+, PAT, MOD, -, -, Moderate irregular patches of chlorite alteration

154.00 - 184.00: CAL+, SPO, WEAK, -, -, Weak to moderate spotty and patchy calcite alteration

154.00 - 184.00: HEM+, PAT, MOD, -, -, Weak to moderate patchy hematite alteration

167.00 - 184.00: CHL+, PAT, WEAK, -, -, Weak to moderate patchy chlorite alteration

180.00 - 184.00: EPD+, STG, WEAK, -, -, Weak to moderate chaotic mm scale stringers of epidote alteration

**STRUCTURE**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109086 | 125.5 | 127.0 | 1.5 | 0.206 | | | | |
| CAOND109087 | 127.0 | 128.5 | 1.5 | 0.268 | | | | |
| CAOND109088 | 128.5 | 130.0 | 1.5 | 0.111 | | | | |
| CAOND109089 | 130.0 | 131.5 | 1.5 | 0.212 | | | | |
| CAOND109091 | 131.5 | 133.0 | 1.5 | 0.628 | | | | |
| CAOND109092 | 133.0 | 134.5 | 1.5 | 0.017 | | | | |
| CAOND109093 | 134.5 | 136.0 | 1.5 | 0.013 | | | | |
| CAOND109094 | 136.0 | 137.5 | 1.5 | 0.048 | | | | |
| CAOND109095 | 137.5 | 139.0 | 1.5 | 0.107 | | | | |
| CAOND109096 | 139.0 | 140.5 | 1.5 | 0.031 | | | | |
| CAOND109097 | 140.5 | 142.0 | 1.5 | 0.021 | | | | |
| CAOND109098 | 142.0 | 143.0 | 1.0 | 0.129 | | | | |
| KLUC18-495-LC1 | 143.0 | 143.4 | 0.4 | | | | | |
| CAOND109099 | 143.4 | 145.0 | 1.6 | 0.040 | | | | |
| CAOND109101 | 145.0 | 146.5 | 1.5 | 0.016 | | | | |
| CAOND109102 | 146.5 | 148.0 | 1.5 | 0.029 | | | | |
| CAOND109103 | 148.0 | 149.5 | 1.5 | 0.301 | | | | |
| CAOND109104 | 149.5 | 151.0 | 1.5 | 0.026 | | | | |
| CAOND109105 | 151.0 | 152.5 | 1.5 | 0.127 | | | | |
| CAOND109106 | 152.5 | 154.0 | 1.5 | 0.026 | | | | |
| CAOND109107 | 154.0 | 155.0 | 1.0 | 0.068 | | | | |
| CAOND109108 | 155.0 | 156.5 | 1.5 | 0.070 | | | | |
| CAOND109109 | 156.5 | 158.0 | 1.5 | 0.044 | | | | |
| CAOND109110 | 158.0 | 159.5 | 1.5 | 0.064 | | | | |
| CAOND109111 | 159.5 | 161.0 | 1.5 | 0.066 | | | | |
| CAOND109112 | 161.0 | 162.5 | 1.5 | 0.034 | | | | |
| CAOND109113 | 162.5 | 164.0 | 1.5 | 0.071 | | | | |
| CAOND109114 | 164.0 | 165.5 | 1.5 | 0.035 | | | | |
| CAOND109116 | 165.5 | 167.0 | 1.5 | 0.135 | | | | |
| CAOND109117 | 167.0 | 168.5 | 1.5 | 0.056 | | | | |
| CAOND109118 | 168.5 | 169.7 | 1.2 | 0.155 | | | | |
| CAOND109119 | 169.7 | 171.0 | 1.3 | 0.053 | | | | |
| CAOND109121 | 171.0 | 172.0 | 1.0 | 0.046 | | | | |

**Hole number:** KLUC18-495

TYPE/CORE_ORIENT/INTENSITY/COMMENTS
133.00 - 154.00: BRC, -, MOD, Moderately brecciated syenite caused by the strong, irregular and chaotic patches of chlorite alteration between clasts of syenite
144.00 - 145.00: FOL, 50.00, MOD, Moderate to strong foliation oriented at 50 TCA; defined by the alignment of chlorite and fine grained syenite clasts
154.00 - 167.00: BRC, -, WEAK, Weak brecciation of syenite clasts caused by chlorite alteration
154.00 - 167.00: FOL, 30.00, WEAK, Weak preferential alignment of clasts and chlorite; oriented at 30-40 TCA

**VEIN**
TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS
169.70 - 170.10: CAL, 15.00, -, -, -, -, MAG, 1.00, 5cm thick, calcite-chl-qtz vein oriented at 20 TCA
172.20 - 172.50: CAL, 15.00, -, -, -, -, MAG, 1.00, 5cm thick, porrous, cal-qtz-chl vein, oriented at 30 TCA
180.50 - 181.00: CalChl, 50.00, -, -, -, -, MAG, 3.00, 50% irregular cal-chl-mt veinning, no preferred orientation, 3-5% clusterred magnetite mineralization

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109122 | 172.0 | 173.0 | 1.0 | 0.017 | | | | |
| CAOND109123 | 173.0 | 174.0 | 1.0 | 0.058 | | | | |
| CAOND109124 | 174.0 | 175.5 | 1.5 | 0.026 | | | | |
| CAOND109126 | 175.5 | 177.0 | 1.5 | 0.037 | | | | |
| CAOND109127 | 177.0 | 178.5 | 1.5 | 0.030 | | | | |
| CAOND109128 | 178.5 | 180.0 | 1.5 | 0.105 | | | | |
| CAOND109129 | 180.0 | 181.0 | 1.0 | 0.051 | | | | |
| CAOND109131 | 181.0 | 182.5 | 1.5 | 0.059 | | | | |
| CAOND109132 | 182.5 | 184.0 | 1.5 | 0.042 | | | | |

**Major:** **From:** 184.00 **To:** 200.90 I2Dm, Mafic Syenite

Composition: Dominantly dark green with patches of medium to dark reddish to pinkish throughout, medium to fine grained, locally brecciated; I2Dm (mafic syenite) Magnetism: Moderately magnetic throughout with local interval that are strongly magnetic due to higher abundance of irregular, mm scale stringers of magnetic Veinning: 2% irregular, disconinuous and chaotic calcite veinlets, 1% irregular mm scale qtz-chl-ca-Cp or Py veinning dominantly oriented at 50-60 TCA Structure: Minor intervals that have a brecciated apperance consisting of pinkish syenite clasts with mafic material between Alteration: Moderate pervasive patches and fracture filled chlorite alteration, weak to moderate spotty and patchy calcite alteration Mineralization: Trace clusters of fine grained CP mineralization occuring in veinning, 2-3% irregular, chaotic and mm scale veinlets of magnetite throughout Lower Contact: Gradational, contact is marked by the gradational change to more felsic-pink syenite

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
184.00 - 200.90: MAG, STG, 2.00, -, -, 2-3% irregular, chaotic and mm scale stringers of magnetite mineralization
194.00 - 195.00: CPY, BBY, .50, -, -, 0.5% clusters of Cp mineralization occuring in qtz-chl-ca veinning

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS
184.00 - 200.90: CAL+, SPO, MOD, -, -, Moderate spotty and patchy calcite alteration
184.00 - 200.90: CHL+, PAT, MOD, -, -, Moderate chlorite alteration occuring as patches and irregular stringers

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
189.00 - 192.00: FRA, -, WEAK, 10-20 cm thick intervals of weak fracturing into 2-5cm thick pieces

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109133 | 184.0 | 185.5 | 1.5 | 0.044 | | | | |
| CAOND109134 | 185.5 | 187.0 | 1.5 | 0.095 | | | | |
| CAOND109135 | 187.0 | 188.5 | 1.5 | 0.216 | | | | |
| CAOND109136 | 188.5 | 190.0 | 1.5 | 0.103 | | | | |
| CAOND109137 | 190.0 | 191.5 | 1.5 | 0.068 | | | | |
| CAOND109138 | 191.5 | 193.0 | 1.5 | 0.178 | | | | |
| CAOND109139 | 193.0 | 194.5 | 1.5 | 0.040 | | | | |
| CAOND109140 | 194.5 | 196.0 | 1.5 | 0.049 | | | | |
| CAOND109141 | 196.0 | 197.5 | 1.5 | 0.118 | | | | |
| CAOND109142 | 197.5 | 199.0 | 1.5 | 0.300 | | | | |
| CAOND109143 | 199.0 | 200.0 | 1.0 | 0.034 | | | | |
| CAOND109144 | 200.0 | 200.9 | 0.9 | 0.015 | | | | |

**Hole number:** KLUC18-495

196.50 - 200.90: FRA, -, WEAK, Weak fracturing into 5-10cm thick pieces, parallel oriented at 40-50 TCA

**Major:** **From:** 200.90 **To:** 201.80 I3, Roches intrusives mafiques

Possible mafic intrusion? Medium green, fine grained, moderately magnetic, moderately foliated at 40 TCA, moderate to strong prevasive chlorite alteration moderate spotty calcite alteration, sharp contacts oriented at 40 TCA

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

200.90 - 201.80: MAG, STG, 2.00, -, -, 2-3% irregular, chaotic and mm scale stringers of magnetite mineralization

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

200.90 - 201.80: CAL+, SPO, MOD, -, -, Moderate spotty and patchy calcite alteration

200.90 - 201.80: CHL+, PAT, MOD, -, -, Moderate chlorite alteration occuring as patches and irregular stringers

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

200.90 - 201.00: FRA, -, WEAK, Weak fracturing into 5-10cm thick pieces, parallel oriented at 40-50 TCA

200.90 - 201.80: FOL, 40.00, MOD, Moderate to strong foliation; oriented at 40 TCA; defined by the flattening and alignment of chlorite and calcite

201.70 - 201.80: CCT, 40.00, -, Sharp lower contact oriented at 40 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109146 | 200.9 | 201.8 | 0.9 | 0.003 | | | | |

**Major:** **From:** 201.80 **To:** 259.50 I2D, Syénite

Composition: Medium pink to red color with stringers and patches of dark green, medium grained, brecciated appearance; I2D - Syenite Magnetism: Moderately magnetic throughout Veinning: 5% chaotic and mm scale fracture filled chlorite and calcite veinlets Structure: Brecciated textural appearance, weak to moderate preferential alignment of chlorite and syenite clasts at 40-50 TCA Alteration: Weak to moderate chlorite alteration occuring as patches and stringers, weak to moderate spotty and patchy calcite alteration Mineralization: Irregular, chaotic, mm scale stringers magnetite mineralization with local clusters of very fine to fine grained chalcopyrite and local intervals of 1-2% fine grained disseminated Py mineralization Lower Contact: Gradational

**TEXTURE**

TYPE/GRAIN_SIZE/COMMENTS

201.80 - 259.50: BRC, -, Weak pervasive brecciated texture caused by healed fracturing and alteration

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

201.80 - 202.00: MAG, STG, 2.00, -, -, 2-3% irregular, chaotic and mm scale stringers of magnetite mineralization

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109147 | 201.8 | 203.0 | 1.2 | 0.021 | | | | |
| CAOND109148 | 203.0 | 204.5 | 1.5 | 0.030 | | | | |
| CAOND109149 | 204.5 | 206.0 | 1.5 | 0.050 | | | | |
| CAOND109151 | 206.0 | 207.5 | 1.5 | 0.037 | | | | |
| CAOND109152 | 207.5 | 209.0 | 1.5 | 0.036 | | | | |
| CAOND109153 | 209.0 | 210.5 | 1.5 | 0.510 | | | | |
| CAOND109154 | 210.5 | 212.0 | 1.5 | 0.106 | | | | |
| CAOND109155 | 212.0 | 213.5 | 1.5 | 0.044 | | | | |
| CAOND109156 | 213.5 | 215.0 | 1.5 | 0.020 | | | | |
| CAOND109157 | 215.0 | 216.5 | 1.5 | 0.018 | | | | |
| CAOND109158 | 216.5 | 218.0 | 1.5 | 0.066 | | | | |
| CAOND109159 | 218.0 | 219.5 | 1.5 | 0.062 | | | | |

**Hole number:** KLUC18-495

202.00 - 259.50: MAG, STG, 2.00, -, -, 2-3% irregular, chaotic, mm scale stringers of magnetite mineralization
210.00 - 211.00: CPY, SPO, .50, -, -, 0.5% spotty chalcopyrite mineralization

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS
201.80 - 202.00: CAL+, SPO, MOD, -, -, Moderate spotty and patchy calcite alteration
201.80 - 202.00: CHL+, PAT, MOD, -, -, Moderate chlorite alteration occuring as patches and irregular stringers
202.00 - 259.50: CAL+, SPO, MOD, -, -, Moderate spotty calcite alteration
202.00 - 259.50: CHL+, PAT, MOD, -, -, Moderate to weak patchy and stringers of chlorite alteration

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
210.00 - 212.00: FOL, 50.00, -, Weak foliation oriented at 50 TCA
252.00 - 259.50: FOL, 40.00, WEAK, Weak foliation oriented at 40-50 TCA; defined by the alignment of syenite clasts and chlorite alteration stringers

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109161 | 219.5 | 221.0 | 1.5 | 0.021 | | | | |
| CAOND109162 | 221.0 | 222.5 | 1.5 | 0.087 | | | | |
| CAOND109163 | 222.5 | 224.0 | 1.5 | 0.122 | | | | |
| CAOND109164 | 224.0 | 225.5 | 1.5 | 0.019 | | | | |
| CAOND109165 | 225.5 | 227.0 | 1.5 | 0.012 | | | | |
| CAOND109166 | 227.0 | 228.5 | 1.5 | 0.076 | | | | |
| CAOND109167 | 228.5 | 230.0 | 1.5 | 0.032 | | | | |
| CAOND109168 | 230.0 | 231.5 | 1.5 | 0.023 | | | | |
| CAOND109169 | 231.5 | 233.0 | 1.5 | 0.009 | | | | |
| CAOND109171 | 233.0 | 234.5 | 1.5 | 0.010 | | | | |
| CAOND109172 | 234.5 | 236.0 | 1.5 | 0.506 | | | | |
| CAOND109173 | 236.0 | 237.5 | 1.5 | 0.065 | | | | |
| CAOND109174 | 237.5 | 239.0 | 1.5 | 0.016 | | | | |
| CAOND109176 | 239.0 | 240.5 | 1.5 | 0.023 | | | | |
| CAOND109177 | 240.5 | 242.0 | 1.5 | 0.059 | | | | |
| CAOND109178 | 242.0 | 243.5 | 1.5 | 0.088 | | | | |
| CAOND109179 | 243.5 | 245.0 | 1.5 | 0.021 | | | | |
| CAOND109181 | 245.0 | 246.5 | 1.5 | 0.011 | | | | |
| CAOND109182 | 246.5 | 248.0 | 1.5 | 0.016 | | | | |
| CAOND109183 | 248.0 | 249.5 | 1.5 | 0.029 | | | | |
| CAOND109184 | 249.5 | 251.0 | 1.5 | 0.054 | | | | |
| CAOND109185 | 251.0 | 252.5 | 1.5 | 0.132 | | | | |
| CAOND109186 | 252.5 | 254.0 | 1.5 | 0.030 | | | | |
| CAOND109187 | 254.0 | 255.5 | 1.5 | 0.568 | | | | |
| CAOND109188 | 255.5 | 257.0 | 1.5 | 0.049 | | | | |
| CAOND109189 | 257.0 | 258.5 | 1.5 | 0.026 | | | | |
| CAOND109191 | 258.5 | 259.5 | 1.0 | 0.058 | | | | |

**Major:** **From:** 259.50 **To:** 264.90 I2Dp, Porphyritic Syenite

Composition: Dark to medium purplish red, massive-equigranular-fine grained matrix with approx. 0.5cm sized medium grey, waxy lucite? phenocrysts; I2Dp - Syenite Porphyry Magnetism: Moderately magnetic throughout Veinning: 5% chaotic pink calcite veinning Structure: Very weak preferential alignment of matrix and chl stringers; oriented at 45 TCA Alteration: Moderate pervasive hematite alteration, weak to rare stringers of chlorite alteration, weak to moderate patchy calcite alteration Mineralization: 5% chaotic stringers and clusters of Mt mineralization Lower Contact: Sharp; oriented at

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109192 | 259.5 | 260.5 | 1.0 | 1.420 | | | | |
| CAOND109193 | 260.5 | 262.0 | 1.5 | 0.344 | | | | |
| CAOND109194 | 262.0 | 263.5 | 1.5 | 0.054 | | | | |
| CAOND109195 | 263.5 | 264.9 | 1.4 | 0.049 | | | | |

**Hole number:** KLUC18-495

45 TCA

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

259.50 - 264.90: MAG, STG, 2.00, -, -, 2-3% irregular, chaotic, mm scale stringers of magnetite mineralization

259.50 - 261.00: PYR, DIS, 1.00, -, -, 1-2% fine grained disseminated Py mineralization

259.50 - 264.90: MAG, STG, 5.00, -, -, 5% irregular and choatic stringers of magnetite mineralization

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

259.50 - 264.90: CAL+, SPO, WEAK, -, -, Weak spotter calcite alteration

259.50 - 264.90: CHL+, STG, WEAK, -, -, Weak stringers of chlorite alteration

259.50 - 264.90: HEM+, PEN, MOD, -, -, Moderate pervasive hematite alteration occuring in matrix

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

259.50 - 264.90: FOL, 45.00, WEAK, Weak to rare preferential aligment of minerals in matrix of syenite porphyry and chlorite stringers; oriented at 45 TCA

264.80 - 264.90: CCT, 45.00, -, Sharp lower contact oriented at 45 TCA

**VEIN**

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS

259.70 - 260.20: CAL, 10.00, -, -, -, -, PYR, 1.00, 10% calcite-albite? vein with sharp but irregular contact, approx. 5cm thick; 1-2% fine grained dissemianted Py mineralization in margins

**Major:** **From:** 264.90 **To:** 293.20 I2D, Syénite

Composition: Patches of medium pink to red, dark reddish purple and dark green, fine to medium grained, grungy appearance with numerous mm scale pits; I2D - Syenite Magnetism: Moderately magnetic throughout Veinning: 5% chaotic and mm scale fracture filled chlorite and calcite veinlets Structure: Brecciated textural appearance, weak to moderate preferential alignment of chlorite and syenite clasts at 40-50 TCA Alteration: Moderate chlorite alteration occuring as patches and stringers, moderate spotty and patchy calcite alteration Mineralization: Irregular, chaotic, mm scale stringers magnetite mineralization and localy interval with 1% very fine grained disseminated Py mineralization Lower Contact: Sharp and oriented at 45 TCA

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

264.90 - 265.00: MAG, STG, 2.00, -, -, 2-3% irregular, chaotic, mm scale stringers of magnetite mineralization

264.90 - 293.20: MAG, STG, 5.00, -, -, 5-10% irregular and chaotic stringers of magnetite mineralization

283.00 - 285.00: PYR, DIS, 1.00, -, -, 1% very fine to fine grained, disseminated Py mineralization

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109196 | 264.9 | 266.0 | 1.1 | 0.017 | | | | |
| CAOND109197 | 266.0 | 267.5 | 1.5 | 0.012 | | | | |
| CAOND109198 | 267.5 | 269.0 | 1.5 | 0.026 | | | | |
| CAOND109199 | 269.0 | 270.5 | 1.5 | 0.031 | | | | |
| CAOND109201 | 270.5 | 272.0 | 1.5 | 0.037 | | | | |
| CAOND109202 | 272.0 | 273.5 | 1.5 | 0.019 | | | | |
| CAOND109203 | 273.5 | 275.0 | 1.5 | 0.038 | | | | |
| CAOND109204 | 275.0 | 276.5 | 1.5 | 0.204 | | | | |
| CAOND109205 | 276.5 | 278.0 | 1.5 | 0.038 | | | | |
| CAOND109206 | 278.0 | 279.5 | 1.5 | 0.023 | | | | |
| CAOND109207 | 279.5 | 281.0 | 1.5 | 0.026 | | | | |
| CAOND109208 | 281.0 | 282.5 | 1.5 | 0.007 | | | | |
| CAOND109209 | 282.5 | 283.5 | 1.0 | 0.017 | | | | |

**Hole number:** KLUC18-495

264.90 - 293.20: CAL+, SPO, MOD, -, -, Moderate spotted calcite alteration
264.90 - 293.20: CHL+, PAT, MOD, -, -, Moderate patchy and stringers of chlorite alteration

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
266.00 - 281.00: FRA, 40.00, WEAK, Weak fracturing into 5-10cm sized, angular peices, locally 1-2cm pieces; generally oriented at 40-50 TCA
283.00 - 285.00: FOL, 50.00, MOD, Moderate foliation oriented at 50 TCA; defined by the alignment of alteration lenses
285.00 - 293.20: FOL, 40.00, WEAK, Weak to rare foliation oriented at 40-50 TCA; defined by the alignment of alteration lenses
291.00 - 293.20: FRA, -, WEAK, 5% 10-20cm intervals of weakly fractured core into 5-10cm thick, angular pieces
293.10 - 293.20: CCT, 45.00, -, Sharp lower contact at 45 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109210 | 283.5 | 285.0 | 1.5 | 0.092 | | | | |
| CAOND109211 | 285.0 | 286.5 | 1.5 | 0.014 | | | | |
| CAOND109212 | 286.5 | 288.0 | 1.5 | 0.016 | | | | |
| CAOND109213 | 288.0 | 289.5 | 1.5 | 0.024 | | | | |
| CAOND109214 | 289.5 | 291.0 | 1.5 | 0.031 | | | | |
| CAOND109216 | 291.0 | 292.0 | 1.0 | 0.023 | | | | |
| CAOND109217 | 292.0 | 293.2 | 1.2 | 0.088 | | | | |

**Major:** **From:** 293.20 **To:** 300.60 I2Dp, Porphyritic Syenite

Composition: Dark to medium purplish red, massive-equigranular-fine grained matrix with approx. 0.5cm sized medium grey, waxy lucite? phenocrysts; I2Dp - Syenite Porphyry Magnetism: Moderately magnetic throughout Veinning: 2-3% chaotic pink calcite veinning Structure: Very weak preferential alignment of matrix and chl stringers; oriented at 45 TCA, 10-20cm thick intervals that are weakly fractured into 5cm sized, angular pieces Alteration: Moderate pervasive hematite alteration, weak to rare stringers of chlorite alteration, weak to moderate patchy calcite alteration Mineralization: 5% chaotic stringers and clusters of Mt mineralization Lower Contact: Sharp; but core is broken and slightly grinded at contact

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
293.20 - 300.60: MAG, STG, 2.00, -, -, 2-3% chaotic mm scale stringers of magnetite mineralization

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS
293.20 - 300.60: CAL+, SPO, WEAK, -, -, Weak to moderate spotted and patchy calcite alteration
293.20 - 300.60: CHL+, STG, WEAK, -, -, Weak chlorite alteration occuring as stringers
293.20 - 300.60: HEM+, PEN, MOD, -, -, Moderate pervasive hematite alteration

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
293.20 - 298.00: FRA, -, WEAK, 5% 10-20cm intervals of weakly fractured core into 5-10cm thick, angular pieces

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109218 | 293.2 | 294.0 | 0.8 | 0.053 | | | | |
| CAOND109219 | 294.0 | 295.0 | 1.0 | 0.035 | | | | |
| CAOND109221 | 295.0 | 296.5 | 1.5 | 0.014 | | | | |
| CAOND109222 | 296.5 | 298.0 | 1.5 | 0.011 | | | | |
| CAOND109223 | 298.0 | 299.5 | 1.5 | 0.007 | | | | |
| CAOND109224 | 299.5 | 300.6 | 1.1 | 0.013 | | | | |

**Major:** **From:** 300.60 **To:** 315.00 I2D, Syénite

Composition: Begins with patches of dark purplish red and medium beige gradually changing to dominantly medium red to pink; medium grained, dominantly massive with grungy appearance at beginning of unit, numerous mm scale pits; I2D - Syenite Magnetism: Moderately magnetic 300.6-309m,

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109226 | 300.6 | 302.0 | 1.4 | 0.033 | | | | |
| CAOND109227 | 302.0 | 303.5 | 1.5 | 0.019 | | | | |

**Hole number:** KLUC18-495

weakly to non-magnetic 309-315m Veinning: 1-2% chaotic and mm scale fracture filled chlorite and calcite veinlets Structure: Does not appear to have any significant structures Alteration: Weak stringers of chlorite alteration, weak to moderate spotty calcite Mineralization: 1% very fine grained disseminated Py mineralization Lower Contact: Gradational, contact is placed where textures change and colour becomes more dominated by dark green

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

300.60 - 315.00: CAL+, SPO, WEAK, -, -, Weak spotty calcite alteration

300.60 - 315.00: CHL+, STG, WEAK, -, -, Weak irregular chlorite stringers

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109228 | 303.5 | 305.0 | 1.5 | 0.049 | | | | |
| CAOND109229 | 305.0 | 306.5 | 1.5 | 0.024 | | | | |
| CAOND109231 | 306.5 | 308.0 | 1.5 | 0.042 | | | | |
| CAOND109232 | 308.0 | 309.5 | 1.5 | 0.057 | | | | |
| CAOND109233 | 309.5 | 311.0 | 1.5 | 0.033 | | | | |
| CAOND109234 | 311.0 | 312.5 | 1.5 | 0.025 | | | | |
| CAOND109235 | 312.5 | 314.0 | 1.5 | 0.007 | | | | |
| CAOND109236 | 314.0 | 315.0 | 1.0 | 0.012 | | | | |

**Major:** **From:** 315.00 **To:** 328.50 I2Dm, Mafic Syenite

Composition: Patches of dark green, dark purplish red and medium pink, medium grained, grungy and brecciated appearance; I2Dm - Mafic Syenite Magnetism: Moderately magnetic throughout Veinning: 2-3% chaotic and mm scale, pink calcite veinlets Structure: Minor intervals with weak foliation oriented at 40-50 TCA Alteration: Moderate patchy and stringers of chlorite alteration and moderate spotty calcite alteration Mineralization: 1% very fine grained disseminated Py mineralization Lower Contact: Sharp; oriented at 40 TCA

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

315.00 - 328.50: PYR, DIS, 1.00, -, -, 1% very fine grained dissemianted Py mineralization

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

315.00 - 328.50: CAL+, SPO, MOD, -, -, Moderate spotted calcite alteration

315.00 - 328.50: CHL+, STG, MOD, -, -, Moderate patches and stringers of chlorite alteration

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

315.00 - 328.50: FOL, 50.00, WEAK, Weak to rare foliation oriented at 40-50 TCA; defined by the alignment of alteration lenses and clasts of syenite

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109237 | 315.0 | 316.5 | 1.5 | 0.059 | | | | |
| CAOND109238 | 316.5 | 318.0 | 1.5 | 0.047 | | | | |
| CAOND109239 | 318.0 | 319.5 | 1.5 | 0.033 | | | | |
| CAOND109240 | 319.5 | 321.0 | 1.5 | 0.014 | | | | |
| CAOND109241 | 321.0 | 322.5 | 1.5 | 0.018 | | | | |
| CAOND109242 | 322.5 | 324.0 | 1.5 | 0.042 | | | | |
| CAOND109243 | 324.0 | 325.5 | 1.5 | 0.018 | | | | |
| CAOND109244 | 325.5 | 327.0 | 1.5 | 0.015 | | | | |
| CAOND109246 | 327.0 | 328.5 | 1.5 | 0.084 | | | | |

**Major:** **From:** 328.50 **To:** 330.70 I3, Roches intrusives mafiques

Composition: Dark green, fine grained; I3 - Mafic intrusion Magnetism: Weakly to non-magnetic Veinning: Less than 1%mm scale, white qtz-cal veinlets Structure: Moderate to strong foliation oriented at 40TCA; defined by the alignment and flattening of chlorite and calcite Alteration: Moderate pervasive chlorite alteration and moderate spotted calcite alteration Mineralization: Trace fine grained disseminated Py mineralization Lower Contact: Contacts are sharp and oriented at 40 TCA Minor units: 328.7-330.7m = Medium pink syenite with 5% disseminated Py 329.4-329.7m = Medium pink syenite with 5% disseminated Py

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109247 | 328.5 | 329.7 | 1.2 | 0.876 | | | | |
| CAOND109248 | 329.7 | 330.7 | 1.0 | 0.083 | | | | |

**Hole number:** KLUC18-495

328.50 - 329.70: PYR, DIS, 5.00, -, -, 5% fine grained disseminated Py mineralization occuring in minor Syenite intervals between mafic intrusions

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS
329.70 - 330.70: CAL+, SPO, MOD, -, -, Moderate spotty calcite alteration
329.70 - 330.70: CHL+, PEN, MOD, -, -, Moderate pervasive chlorite alteration

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
328.50 - 329.70: FOL, 40.00, WEAK, Weak to rare foliation in minor syenite intervals and moderate foliation in the mafic intrusion intervals; oriented at 40 TCA
329.70 - 330.70: FOL, 40.00, MOD, Moderate foliation oriented at 40 TCA; defined by the alignment and flattening of chlorite and calcite
330.60 - 330.70: CCT, 40.00, -, Sharp lower contact oriented at 40 TCA

**Major:** **From:** 330.70 **To:** 349.00 I2Dm, Mafic Syenite

Composition: Patches of dark green, dark purplish red and medium pink, medium grained, grungy and brecciated appearance; I2Dm - Mafic Syenite Magnetism: Moderately magnetic throughout Veinning: 2-3% chaotic and mm scale, pink and white calcite veinlets Structure: Weak foliation oriented at 40 TCA; defined by the alignment of chlorite alteration and syenite clasts Alteration: Moderate patchy and stringers of chlorite alteration and moderate spotty calcite alteration Mineralization: Rare to trace very fine grained disseminated Py mineralization Lower Contact: Gradational, contact is placed where textures become more massive and less brecciated, and colour is dominantly pinkish

**MINOR INTERVAL**
339.60 - 340.60: I2DpComposition: Dark to medium purplish red, massive-equigranular-fine grained matrix with approx. 0.5cm sized medium grey, waxy lucite? phenocrysts; I2Dp - Syenite Porphyry Magnetism: Moderately magnetic throughout Veinning: 1-2% chaotic pink calcite veinning Structure: Very weak preferential alignment of matrix and chl stringers; oriented at 40-50 TCA Alteration: Moderate pervasive hematite alteration, weak stringers of chlorite alteration, weak to moderate patchy calcite alteration Mineralization: 5% chaotic stringers and clusters of Mt mineralization Contacts: Gradational; contacts are placed where phenocrysts are no longer observed.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS
330.70 - 349.00: CAL+, SPO, MOD, -, -, Moderate spotty and patchy calcite alteration
330.70 - 349.00: CHL+, PAT, MOD, -, -, Moderate patchy chlorite alteration

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
330.70 - 349.00: FOL, 40.00, WEAK, Weak foliation oriented at 40 TCA; defined by the alignment of chl alteration and syenite clasts

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109249 | 330.7 | 332.0 | 1.3 | 0.107 | | | | |
| CAOND109251 | 332.0 | 333.5 | 1.5 | 0.104 | | | | |
| CAOND109252 | 333.5 | 335.0 | 1.5 | 0.083 | | | | |
| CAOND109253 | 335.0 | 336.0 | 1.0 | 0.073 | | | | |
| CAOND109254 | 336.0 | 337.0 | 1.0 | 0.199 | | | | |
| CAOND109255 | 337.0 | 338.5 | 1.5 | 0.166 | | | | |
| CAOND109256 | 338.5 | 339.6 | 1.1 | 0.051 | | | | |
| CAOND109257 | 339.6 | 340.6 | 1.0 | 0.027 | | | | |
| CAOND109258 | 340.6 | 342.0 | 1.4 | 0.025 | | | | |
| CAOND109259 | 342.0 | 343.5 | 1.5 | 0.043 | | | | |
| CAOND109261 | 343.5 | 345.0 | 1.5 | 0.044 | | | | |
| CAOND109262 | 345.0 | 346.5 | 1.5 | 0.061 | | | | |
| CAOND109263 | 346.5 | 348.0 | 1.5 | 0.052 | | | | |
| CAOND109264 | 348.0 | 349.0 | 1.0 | 0.048 | | | | |

## Hole number: KLUC18-495

**Major:** **From:** 349.00 **To:** 366.00 I2D, Syénite

Composition: Medium purplish red, medium grained,massive; I2D - Syenite Magnetism: Moderately magnetic throughout Veinning: 10-15% chaotic and mm scale fracture filled chlorite and calcite veinlets Structure: Weak foliation oriented at 40 TCA; defined by the alignment of Chl - Mt stringers; becoming non-foliated 355-366m Alteration: Weak chlorite alteration occuring as irregular stringers and moderate calcite alteration occuring as spots and irregualr stringers Mineralization: 2-3% chaotic strigners of magnetic mineralization and localy clsuters of 1% fine grained Py mineralization Lower Contact: Sharp; oriented at 40 TCA Other: May be a continuation of the I2Dm unit described above. The beginning of the unit seemes to closer resemble syenite. There are intervals that are more dark purplish red and dark green, but textures seem to remain consistent throughout this unit.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

349.00 - 350.00: PYR, DIS, .50, -, -, 0.5% fine grained dissemianted Py mineralization
349.00 - 352.00: MAG, STG, 2.00, -, -, 2-3% irregular and chaotic stringers of Mt mineralization
350.00 - 351.00: PYR, DIS, 1.00, -, -, 1% fine grained clustered disseminated Py mineralization
351.00 - 366.00: PYR, DIS, .50, -, -, 0.5% fien grained dissemianted Py mineralization

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

349.00 - 366.00: CAL+, SPO, MOD, -, -, Moderate calcite alteration occuring as spots and stringers
349.00 - 366.00: CHL+, STG, WEAK, -, -, Weak chlorite alteration occuring as chaotic stringers

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

349.00 - 355.00: FOL, 40.00, WEAK, Weak foliation oriented at 40 TCA; define by the alignment of chl stirngers
358.40 - 358.50: CCT, 40.00, -, Sharp lower contact oriented at 40 TCA
365.90 - 366.00: CCT, 40.00, -, Sharp lower contact oriented at 40 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109265 | 349.0 | 350.5 | 1.5 | 0.971 | | | | |
| CAOND109266 | 350.5 | 352.0 | 1.5 | 0.115 | | | | |
| CAOND109267 | 352.0 | 353.5 | 1.5 | 0.234 | | | | |
| CAOND109268 | 353.5 | 355.0 | 1.5 | 0.281 | | | | |
| CAOND109269 | 355.0 | 356.5 | 1.5 | 0.212 | | | | |
| CAOND109271 | 356.5 | 358.0 | 1.5 | 0.039 | | | | |
| CAOND109272 | 358.0 | 359.5 | 1.5 | 0.035 | | | | |
| CAOND109273 | 359.5 | 361.0 | 1.5 | 0.028 | | | | |
| CAOND109274 | 361.0 | 362.5 | 1.5 | 0.040 | | | | |
| CAOND109276 | 362.5 | 364.0 | 1.5 | 0.201 | | | | |
| CAOND109277 | 364.0 | 365.0 | 1.0 | 0.224 | | | | |
| CAOND109278 | 365.0 | 366.0 | 1.0 | 0.015 | | | | |

**Major:** **From:** 366.00 **To:** 370.40 V8mt, Trachyte mafic tuff

Composition: Dark green to greyish green, fine grained, unsure on texture classification; V8mt - Trachyte Mafic Tuff Magnetism: Moderately magnetic Veinning: No significant veinning Structure: Rare to weak foliation / bedding? oriented at 20 TCA Alteration: Moderate pervasive chlorite and calcite alteration Mineralization: 0.5 -1% fine grained disseminated Py Lower Contact: Sharp; oriented at 80 TCA Other: Possibly just another mafic syenite?

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

366.00 - 370.40: PYR, DIS, .50, -, -, 0.5% fine grained disseminated Py mineralization

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

370.30 - 370.40: CCT, 80.00, -, Sharp lower contact orientd at 80 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109279 | 366.0 | 367.5 | 1.5 | 0.015 | | | | |
| CAOND109281 | 367.5 | 369.0 | 1.5 | 0.012 | | | | |
| CAOND109282 | 369.0 | 370.4 | 1.4 | 0.047 | | | | |

## Hole number: KLUC18-495

**Major:** **From:** 370.40 **To:** 390.40 I2D, Syénite

Composition: Medium reddish orange and brownish red, medium grained, massive; I2D Magnetism: Non magnetic Veinning: 20-25% irregular, chaotic calcite filled microfractures Structure: No significant deformation Alteration: Weak chlorite - filled microfractures Mineralization: 1% disseminated very fine grained Py mineralization Lower Contact: Sharp; oriented at 45 TCA

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

370.40 - 390.40: PYR, DIS, 1.00, -, -, 1-2% fine grained disseminated Py mineralization

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

390.30 - 390.40: CCT, 40.00, -, Sharp lower contact oriented at 40 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109283 | 370.4 | 371.5 | 1.1 | 0.618 | | | | |
| CAOND109284 | 371.5 | 373.0 | 1.5 | 0.335 | | | | |
| CAOND109285 | 373.0 | 374.5 | 1.5 | 0.061 | | | | |
| CAOND109286 | 374.5 | 376.0 | 1.5 | 0.482 | | | | |
| CAOND109287 | 376.0 | 377.5 | 1.5 | 0.055 | | | | |
| CAOND109288 | 377.5 | 379.0 | 1.5 | 0.072 | | | | |
| CAOND109289 | 379.0 | 380.5 | 1.5 | 0.415 | | | | |
| CAOND109291 | 380.5 | 382.0 | 1.5 | 0.174 | | | | |
| CAOND109292 | 382.0 | 383.5 | 1.5 | 0.133 | | | | |
| CAOND109293 | 383.5 | 385.0 | 1.5 | 0.118 | | | | |
| CAOND109294 | 385.0 | 386.5 | 1.5 | 0.159 | | | | |
| CAOND109295 | 386.5 | 388.0 | 1.5 | 0.096 | | | | |
| CAOND109296 | 388.0 | 389.4 | 1.4 | 0.119 | | | | |
| CAOND109297 | 389.4 | 390.4 | 1.0 | 0.109 | | | | |

**Major:** **From:** 390.40 **To:** 393.20 V8mt, Trachyte mafic tuff

Composition: Pale, medium and dark grey, and medium to dark greeen patches, fine grained with possible deformed clasts?; V8mt - Trachyte mafic tuff Magnetism: Moderately magnetic Veinning: No significant veinning Structure: Moderate foliation oriented at 40 TCA Alteration: Weak patchy calcite alteration, moderate patchy chlorite Mineralization: 0.5% disseminated very fine grained Py mineralization Lower Contact: Sharp; oriented at 50 TCA

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

390.40 - 393.20: PYR, DIS, .50, -, -, 0.5% very fine grained disseminated Py mineralization

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

390.40 - 393.20: CAL+, PAT, MOD, -, -, Moderate patchy calcite alteration
390.40 - 393.20: CHL+, PAT, MOD, -, -, Moderate patchy chlorite alteration

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

390.40 - 393.20: FOL, 40.00, WEAK, Moderate foliation oriented at 40 TCA; define by the alignment chl and calcite
393.10 - 393.20: CCT, 50.00, -, Sharp lower contact at 50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109298 | 390.4 | 391.5 | 1.1 | 0.044 | | | | |
| CAOND109299 | 391.5 | 392.4 | 0.9 | 0.053 | | | | |
| CAOND109301 | 392.4 | 393.2 | 0.8 | 0.041 | | | | |

**Major:** **From:** 393.20 **To:** 395.20 I2D, Syénite

Composition: Medium to dark reddish orange and brownish red, medium grained, massive; I2D - Syenite

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|

## Hole number: KLUC18-495

Magnetism: Non magnetic Veinning: 20-25% irregular, chaotic calcite and chlorite filled microfractures Structure: No significant deformation Alteration: Weak chlorite - filled microfractures Mineralization: 1% disseminated very fine grained Py mineralization Lower Contact: Sharp; oriented at 40 TCA

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

395.10 - 395.20: CCT, 50.00, -, Sharp lower contact at 50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109302 | 393.2 | 394.0 | 0.8 | 0.077 | | | | |
| CAOND109303 | 394.0 | 395.2 | 1.2 | 0.133 | | | | |

**Major:** **From:** 395.20 **To:** 419.80 V8mt, Trachyte mafic tuff

Composition: Pale, medium and dark grey, and medium to dark greeen patches, fine grained with possible deformed clasts?; V8mt - Trachyte mafic tuff Magnetism: Moderately magnetic Veinning: No significant veinning Structure: Weak foliation oriented at 40 TCA Alteration: Moderate patchy calcite alteration, moderate patchy chlorite. Local intervals that appear to be bleached or albite altered? (412-419.8m) Mineralization: 0.5-1% disseminated very fine grained Py mineralization Lower Contact: Sharp; oriented at 50 TCA

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

395.20 - 419.80: PYR, DIS, .50, -, -, 0.5-1% very fine grained disseminated Py mineralization

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

395.20 - 419.80: CAL+, PAT, MOD, -, -, Moderate patchy calcite alteration

395.20 - 419.80: CHL+, PAT, MOD, -, -, Moderate patchy chlorite alteration

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

395.20 - 404.00: FOL, 40.00, MOD, Moderate foliation oriented at 40 TCA; define by the alignment of chl and calcite

404.00 - 411.00: FOL, 40.00, WEAK, Weak foliation oriented at 40 TCA; defined by alignment of chl

411.00 - 419.80: FOL, 40.00, MOD, Moderate foliation oriented at 40 TCa; defined by the alignment of alteration lenses

419.70 - 419.80: CCT, 50.00, -, Sharp lower contact at 50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109304 | 395.2 | 396.5 | 1.3 | 0.096 | | | | |
| CAOND109305 | 396.5 | 398.0 | 1.5 | 0.068 | | | | |
| CAOND109306 | 398.0 | 399.5 | 1.5 | 0.115 | | | | |
| CAOND109307 | 399.5 | 401.0 | 1.5 | 0.026 | | | | |
| CAOND109308 | 401.0 | 402.5 | 1.5 | 0.052 | | | | |
| CAOND109309 | 402.5 | 404.0 | 1.5 | 0.036 | | | | |
| CAOND109310 | 404.0 | 405.5 | 1.5 | 0.057 | | | | |
| CAOND109311 | 405.5 | 407.0 | 1.5 | 0.030 | | | | |
| CAOND109312 | 407.0 | 408.5 | 1.5 | 0.038 | | | | |
| CAOND109313 | 408.5 | 410.0 | 1.5 | 0.051 | | | | |
| CAOND109314 | 410.0 | 411.5 | 1.5 | 0.050 | | | | |
| CAOND109316 | 411.5 | 413.0 | 1.5 | 0.562 | | | | |
| CAOND109317 | 413.0 | 414.5 | 1.5 | 0.266 | | | | |
| CAOND109318 | 414.5 | 416.0 | 1.5 | 0.265 | | | | |
| CAOND109319 | 416.0 | 417.5 | 1.5 | 0.168 | | | | |
| CAOND109321 | 417.5 | 419.0 | 1.5 | 0.083 | | | | |
| CAOND109322 | 419.0 | 419.8 | 0.8 | 0.110 | | | | |

**Major:** **From:** 419.80 **To:** 421.60 I2D, Syénite

Composition: Medium to dark reddish orange and brownish red, medium grained, massive; I2D - Syenite Magnetism: Non magnetic Veinning: 25-30% irregular, chaotic calcite and chlorite filled microfractures Structure: No significant deformation Alteration: Weak chlorite - filled microfractures Mineralization: 1% disseminated very fine grained Py mineralization Lower Contact: Sharp; oriented at 40 TCA

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

421.50 - 421.60: CCT, 40.00, -, Sharp lower contact at 40 TCA

421.50 - 421.60: FOL, 40.00, MOD, Moderate foliation oriented at 40-50 TCa; defined by the alignment of clasts and alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109323 | 419.8 | 420.8 | 1.0 | 0.421 | | | | |
| CAOND109324 | 420.8 | 421.6 | 0.8 | 0.314 | | | | |

## Hole number: KLUC18-495

**Major:** **From:** 421.60 **To:** 432.50 V8t, Trachytic tuff

Composition: Patchy pale and medium green, pale pinkish and orangish red, and beige, mm scale preferentially aligned clasts and fine grained material; V8t - Trachyte Tuff Magnetism: Weak to moderately magnetic Veinning: 1-2% mm scale, white and pale grey qtz-calcite veinning parallel to deformation Structure: Moderate foliation oriented at 40-50 TCA Alteration: Weak spotty dolomite, moderate stringers of chlorite alteration Mineralization: 0.5-2% fine grained disseminated Py mineralization Lower Contact: Sharp; oriented at 50 TCA

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

421.60 - 432.50: PYR, DIS, .50, -, -, 0.5-1% very fine grained disseminated Py mineralization

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

421.60 - 432.50: CHL+, STG, MOD, -, -, Moderate chorite alteration occuring as parallel mm scale stringers

421.60 - 432.50: DOL+, SPO, WEAK, -, -, Weak spotted dolomite alteration

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

421.60 - 432.50: FOL, 40.00, MOD, Moderate foliation oriented at 40-50 TCa; defined by the alignment of clasts and alteration

432.40 - 432.50: CCT, 50.00, -, Sharp lower contact at 50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109326 | 421.6 | 423.0 | 1.4 | 0.364 | | | | |
| CAOND109327 | 423.0 | 424.5 | 1.5 | 0.015 | | | | |
| CAOND109328 | 424.5 | 426.0 | 1.5 | 6.210 | | | | |
| CAOND109329 | 426.0 | 427.5 | 1.5 | 0.071 | | | | |
| CAOND109331 | 427.5 | 429.0 | 1.5 | 0.270 | | | | |
| CAOND109332 | 429.0 | 430.5 | 1.5 | 0.135 | | | | |
| CAOND109333 | 430.5 | 431.5 | 1.0 | 0.244 | | | | |
| CAOND109334 | 431.5 | 432.5 | 1.0 | 0.503 | | | | |

**Major:** **From:** 432.50 **To:** 434.00 I2D, Syénite

Composition: Medium to dark reddish orange and brownish red, medium grained, massive; I2D - Syenite Magnetism: Non magnetic Veinning: 10-20% irregular, chaotic calcite and chlorite filled microfractures. 5% chaotic white to pale grey qtz veinning Structure: No significant deformation Alteration: Weak chlorite - filled microfractures Mineralization: 5% Cp and 2% Py mineralization clustered in qtz veinning Lower Contact: Sharp; oriented at 50 TCA

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

432.50 - 434.00: CPY, PAT, 5.00, -, -, 5% clustered Cp mineralization occuring with Py in qtz veinning

432.50 - 434.00: PYR, PAT, 2.00, -, -, 2% clustered Py mineralization occuring with Cp in qtz veinning

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

433.90 - 434.00: CCT, 50.00, -, Sharp lower contact at 50 TCA

**VEIN**

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS

432.50 - 434.00: QTZ, 5.00, -, -, -, -, CPY, 5.00, 5% chaotic pale grey qtz veinning dominantly mm scale and oriented at 45 TCA but others are chaotic and irregular; locally occuring over 10cm

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109335 | 432.5 | 434.0 | 1.5 | 2.420 | | | | |

## Hole number: KLUC18-495

**Major:** **From:** 434.00 **To:** 437.40 V8t, Trachytic tuff

Composition: Patchy pale and medium green, pale pinkish and orangish red, and beige, mm scale preferentially aligned clasts and fine grained material; V8t - Trachyte Tuff Magnetism: No magnetic Veinning: No significant veinning Structure: Moderate foliation oriented at 50-60 TCA Alteration: Moderate stringers of chlorite alteration, minor patches of moderate hematite alteration and patches of sericite Mineralization: 2-3% fine grained disseminated Py mineralization with 0.5% medium grained anhedral diss. Py around 436m Lower Contact: Sharp; oriented at 50 TCA

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

434.00 - 437.40: PYR, DIS, 2.00, -, -, 2-3% fine grained disseminated Py mineralization with 0.5% medium grained anhedral diss. Py around 436m

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

434.00 - 437.40: CHL+, STG, MOD, -, -, Moderate stringers of chlorite alteration
434.00 - 437.40: HEM+, PAT, MOD, -, -, Minor patches of moderate hematite alteration
434.00 - 437.40: SER+, PAT, MOD, -, -, Moderate patchy sericite alteration

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

434.00 - 437.40: FOL, 50.00, MOD, Moderate foliation oriented at 50-60 TCA; defined by the alignment of stringers of alteration and clasts
437.30 - 437.40: CCT, 50.00, -, Sharp lower contact at 50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109336 | 434.0 | 435.5 | 1.5 | 1.400 | | | | |
| CAOND109337 | 435.5 | 436.5 | 1.0 | 0.650 | | | | |
| CAOND109338 | 436.5 | 437.4 | 0.9 | 1.050 | | | | |

**Major:** **From:** 437.40 **To:** 438.00 I2D, Syénite

Composition: Medium to dark reddish orange and brownish red, medium grained, massive; I2D - Syenite Magnetism: Non magnetic Veinning: 40% irregular, chaotic, cataclastic, pale grey qtz veinning Structure: No significant deformation Alteration: Weak chlorite - filled microfractures Mineralization: 1-2% very fine grained disseminated Py mineralization Lower Contact: Sharp; oriented at 50 TCA

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

437.40 - 438.00: PYR, DIS, 1.00, -, -, 1-2% very fine grained disseminated Py mineralization

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

437.90 - 438.00: CCT, 50.00, -, Sharp lower contact at 50 TCA

**VEIN**

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS

437.40 - 438.00: QTZ, 40.00, -, -, CAT, -, PYR, 1.00, 40% chaotic, irregular, pale grey cataclastic qtz veinning with 1-2% disseminated Py mineralization in margins

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109339 | 437.4 | 438.0 | 0.6 | 0.393 | | | | |

## Hole number: KLUC18-495

**Major:** **From:** 438.00 **To:** 452.20 V8t, Trachytic tuff

Composition: Patchy pale and medium green, and beige with minor pale pinkish and orangish red, alternating mm scale preferentially aligned clasts and fine grained material; V8t - Trachyte Tuff Magnetism: Dominantly non-magnetic with minor intervals that are weakly magnetic Veinning: No significant veinning Structure: Moderate foliation oriented at 40-50 TCA; defined by the alignment of mm scale clasts and stringers of alteration Alteration: Moderate stringers of chlorite alteration, minor patches of moderate hematite alteration and patches to pervasive intervals of moderate sericite Mineralization: 1-2% fine grained disseminated Py mineralization throughout Lower Contact: Gradational; contact is place where clasts become much larger up to 3cm in size

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

438.00 - 452.20: PYR, DIS, 1.00, -, -, 1-2% very fine grained disseminated Py mineralization

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

438.00 - 452.20: CHL+, STG, MOD, -, -, Moderate stringer of chlorite alteration

438.00 - 452.20: HEM+, PAT, MOD, -, -, Minor moderate hemtite alteration occuring in clasts and patches

438.00 - 452.20: SER+, PAT, MOD, -, -, Moderate patchy to pervasive intervals of moderate sercite alteration

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

438.00 - 452.20: FOL, 40.00, MOD, Moderate foliation oriented at 40-50 TCA; defined by the alignment of stringers of alteration and clasts

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109340 | 438.0 | 439.5 | 1.5 | 0.444 | | | | |
| CAOND109341 | 439.5 | 441.0 | 1.5 | 0.174 | | | | |
| CAOND109342 | 441.0 | 442.5 | 1.5 | 0.083 | | | | |
| CAOND109343 | 442.5 | 444.0 | 1.5 | 0.041 | | | | |
| CAOND109344 | 444.0 | 445.5 | 1.5 | 0.197 | | | | |
| CAOND109346 | 445.5 | 447.0 | 1.5 | 0.189 | | | | |
| CAOND109347 | 447.0 | 448.5 | 1.5 | 0.216 | | | | |
| CAOND109348 | 448.5 | 450.0 | 1.5 | 0.061 | | | | |
| CAOND109349 | 450.0 | 451.5 | 1.5 | 0.061 | | | | |
| CAOND109350 | 451.5 | 452.2 | 0.7 | 0.354 | | | | |

**Major:** **From:** 452.20 **To:** 485.50 S1, CONGLOMÉRAT

Composition: Beginning with pale greenish beige and beige coloring with patches of medium red, purplish red and medium green. Gradually changing coloring to dark green fine grained matrix with medium beige to white and medium red, purple and orangish red clasts. 50-60% monolithic clasts composed of Syenite, dominantly subrounded and 1-2cm in size with minor clasts up to 5cm in size. Clasts are dominantly deformed, flattened and elongated with subrounded clasts appearing to be rotated of have undergone size reduction. S1 - Conglomerate Magnetism: Beginning as non-magnetic and gradually increasing to weak - moderate magnetism Veinning: No significant veinning Structure: Moderate foliation oriented at 40-50 TCA; defined by the alignment of flatened and preferential aligned clasts alternating with matrix Alteration: Beginning of intervals consists of moderate stringers of chlorite alteration and pervasive sercite alteration, changing to pervasive moderate albite, then patchy to spotted dolomite and weak to moderate stringers of chlorite Mineralization: Does not appear to be mineralized Lower Contact: Gradational; contact is place where clasts diminish in size, become equigranular and clast supported

**MINOR INTERVAL**

458.10 - 458.60: CNRCore not recovered / broken up core. Drillers reported loss of drilling water return after 466m.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109351 | 452.2 | 453.5 | 1.3 | 0.085 | | | | |
| CAOND109352 | 453.5 | 455.0 | 1.5 | 0.003 | | | | |
| CAOND109353 | 455.0 | 456.5 | 1.5 | 0.015 | | | | |
| CAOND109354 | 456.5 | 457.4 | 0.9 | 0.007 | | | | |
| CAOND109355 | 457.4 | 458.1 | 0.7 | 0.007 | | | | |
| KLUC18-495-LC2 | 458.1 | 458.6 | 0.5 | | | | | |
| CAOND109356 | 458.6 | 459.5 | 0.9 | 0.003 | | | | |
| CAOND109357 | 459.5 | 461.0 | 1.5 | 0.011 | | | | |
| CAOND109358 | 461.0 | 462.5 | 1.5 | 0.039 | | | | |
| CAOND109359 | 462.5 | 464.0 | 1.5 | 0.008 | | | | |
| CAOND109361 | 464.0 | 465.5 | 1.5 | 0.019 | | | | |
| CAOND109362 | 465.5 | 467.0 | 1.5 | 0.018 | | | | |

**Hole number:** KLUC18-495

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS
452.20 - 452.40: HEM+, PAT, MOD, -, -, Minor moderate hemtite alteration occuring in clasts and patches
452.20 - 452.40: SER+, PAT, MOD, -, -, Moderate patchy to pervasive intervals of moderate sercite alteration
452.20 - 454.50: CHL+, STG, MOD, -, -, Moderate stringers of chlorite alteration
452.20 - 454.50: SER+, PEN, MOD, -, -, Moderate pervasive sercite alteration
454.50 - 460.00: ALB+, PEN, MOD, -, -, Moderate pervasive albite alteration
460.00 - 485.50: DOL+, SPO, MOD, -, -, Moderate spotty dolomite alteration

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
452.20 - 485.50: FOL, 40.00, MOD, Moderate foliation oriented at 40-50 TCA; defined by the alignment and elongation of clasts

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109363 | 467.0 | 468.5 | 1.5 | 0.011 | | | | |
| CAOND109364 | 468.5 | 470.0 | 1.5 | 0.016 | | | | |
| CAOND109365 | 470.0 | 471.5 | 1.5 | 0.014 | | | | |
| CAOND109366 | 471.5 | 473.0 | 1.5 | 0.012 | | | | |
| CAOND109367 | 473.0 | 474.5 | 1.5 | 0.025 | | | | |
| CAOND109368 | 474.5 | 476.0 | 1.5 | 0.008 | | | | |
| CAOND109369 | 476.0 | 477.5 | 1.5 | 0.016 | | | | |
| CAOND109371 | 477.5 | 479.0 | 1.5 | 0.020 | | | | |
| CAOND109372 | 479.0 | 480.5 | 1.5 | 0.006 | | | | |
| CAOND109373 | 480.5 | 482.0 | 1.5 | 0.007 | | | | |
| CAOND109374 | 482.0 | 483.5 | 1.5 | 0.006 | | | | |
| CAOND109376 | 483.5 | 484.5 | 1.0 | 0.003 | | | | |
| CAOND109377 | 484.5 | 485.5 | 1.0 | 0.038 | | | | |

**Major:** **From:** 485.50 **To:** 496.00 V8t, Trachytic tuff

Composition: Patchy beige and medium grey, fine grained; V8t - Trachyte Tuff Magnetism: Moderately magnetic Veinning: No significant veinning Structure: Moderate foliation oriented at 40-50 TCA; defined by the alignment of mm scale clasts and stringers of alteration Alteration: Weak stringers of chlorite alteration, spotty moderate calcite Mineralization: 1-2% fine grained disseminated Py mineralization throughout Lower Contact: Sharp; oriented at 40 TCA

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
485.50 - 488.00: PYR, DIS, 1.00, -, -, 1-2% very fine grained disseminated Py mineralization

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
485.50 - 493.20: FOL, 40.00, MOD, Moderate foliation oriented at 40-50 TCA; define by the alignment of clasts and chlorite stringers
490.50 - 490.60: FGO, 40.00, STRONG, 10cm thick intervals of fault gouge / mud
493.20 - 496.00: FOL, 40.00, WEAK, Weak foliation oriented at 40-50 TCA; defined by the alignment of chlorite stringers
495.90 - 496.00: CCT, 50.00, -, Sharp lower contact at 50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109378 | 485.5 | 487.0 | 1.5 | 0.085 | | | | |
| CAOND109379 | 487.0 | 488.5 | 1.5 | 0.035 | | | | |
| CAOND109381 | 488.5 | 490.0 | 1.5 | 0.187 | | | | |
| CAOND109382 | 490.0 | 491.5 | 1.5 | 0.096 | | | | |
| CAOND109383 | 491.5 | 493.0 | 1.5 | 0.006 | | | | |
| CAOND109384 | 493.0 | 494.5 | 1.5 | 0.153 | | | | |
| CAOND109385 | 494.5 | 496.0 | 1.5 | 0.013 | | | | |

**Major:** **From:** 496.00 **To:** 505.00 I2D, Syénite

Composition: Medium purplish grey, medium pinkish grey and medium reddish, fine grained and massive; I2D - Syenite Magnetism: Non-mangetic at beginning, moderate magnetic 500m onwards Veinning: 1% mm scale white qtz veinning, dominantly chaotic and wavy Structure: Weak foliation 496-498m; oriented at 50 TCA Alteration: Weak chlorite alteration occuring as mm stringers

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109386 | 496.0 | 497.5 | 1.5 | 0.089 | | | | |
| CAOND109387 | 497.5 | 499.0 | 1.5 | 0.441 | | | | |
| CAOND109388 | 499.0 | 500.5 | 1.5 | 0.930 | | | | |

## Hole number: KLUC18-495

Mineralization: 5% very fine grained pyrite disseminated throughout Lower Contact: Sharp; oriented at 40 TCA

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

496.00 - 505.00: PYR, DIS, 5.00, -, -, 5% very fine grained dissemianted Py mienralization

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

496.00 - 498.00: FOL, 40.00, WEAK, Weak foliation oriented at 40-50 TCA

504.90 - 505.00: CCT, 40.00, -, Sharp lower contact at 40 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109389 | 500.5 | 502.0 | 1.5 | 0.045 | | | | |
| CAOND109391 | 502.0 | 503.5 | 1.5 | 0.065 | | | | |
| CAOND109392 | 503.5 | 505.0 | 1.5 | 0.140 | | | | |

**Major:** **From:** 505.00 **To:** 506.60 I3, Roches intrusives mafiques

Composition: Dark green, fine grained, strongly deformed; I3 - Mafic intrusion Magnetism: Non-magnetic Veinning: 5% irregular and chaotic qtz veinning 5-10cm thick Structure: Moderate to strong foliation oriented at 40-50 TCA; defined by the alignment of chlorite and qtz veinning Alteration: Moderate to strong pervasive chlorite alteration and moderate spotty dolomite alteration Mineralization: Trace honey sphalerite in veins? Lower Contact: Sharp; oriented at 40 TCA

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

505.00 - 506.50: CHL+, PEN, STRONG, -, -, Strong pervasive chlorite alteration

505.00 - 506.50: DOL+, SPO, MOD, -, -, Moderate spotty dolomite alteration

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

505.00 - 506.60: FOL, 40.00, STRONG, Moderate to strong foliation oriented at 40-50 TCA; defined by the alignment of chlorite and qtz veinning

506.50 - 506.60: CCT, 40.00, -, Sharp lower contact at 40 TCA

**VEIN**

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS

505.50 - 506.00: QTZ, 50.00, -, -, -, -, SPT, .50, 50% chaotic qtz veinning 5-10cm thick, trending parallel to deformation, possibly trace clusters of honey sphalerite

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109393 | 505.0 | 506.0 | 1.0 | 0.003 | | | | |
| CAOND109394 | 506.0 | 506.6 | 0.6 | 0.003 | | | | |

**Major:** **From:** 506.60 **To:** 509.50 I2D, Syénite

Composition: Medium purplish grey, medium pinkish grey and medium reddish, fine grained and massive; I2D - Syenite Magnetism: Non-mangetic Veinning: 2-3% chaotic white to pale qtz veinning between 506.6-508m Structure: Massive Alteration: Weak chlorite alteration occuring as mm stringers Mineralization: 5% very fine grained pyrite disseminated throughout Lower Contact: Sharp; oriented at 40 TCA Other: 507.9-508.3 = 30cm thick interval of mafic intrusion? severely deformed, brecciated and crenulated

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

506.60 - 509.50: PYR, DIS, 5.00, -, -, 5% very fine grained disseminated Py

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109395 | 506.6 | 507.5 | 0.9 | 0.045 | | | | |
| CAOND109396 | 507.5 | 508.5 | 1.0 | 0.027 | | | | |
| CAOND109397 | 508.5 | 509.5 | 1.0 | 0.041 | | | | |

**Hole number:** KLUC18-495

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
506.60 - 509.50: FOL, 40.00, STRONG, Moderate to strong foliation oriented at 40-50 TCA; defined by the alignment of chlorite and qtz veinning
509.40 - 509.50: CCT, 40.00, -, Sharp lower contact at 40 TCA

**VEIN**
TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS
506.60 - 507.90: QTZ, 2.00, -, -, -, -, PYR, 2.00, 2-3% chaotic white to pale grey qtz veinning with 5% Py disseminated in margins

**Major:** **From:** 509.50 **To:** 553.40 V8t, Trachytic tuff

Composition: Medium greenish grey, medium pinkish grey with patches of medium orangish red, fine grained, moderately deformed; V8t - Trachyte Tuff Magnetism: Non magnetic intervals and weakly magnetic intervals Veinning: 5% irregular, choatic and discontinuous qtz veinning Structure: Moderate foliation oriented at 30-40 TCA; defined by the banding and alternating colours. 522.3-524m; 2 sets of foliation planes crosscutting eachother, primary oriented at 25TCA and secondary at 50 TCA
Alteration: Moderate pervasive sericite, patchy moderate hematite and stringers of moderate chlorite
Mineralization: 5% fine grained disseminated Py mineralization throughout Lower Contact: Gradational; contact place where textures and composition changes and becomes non-magnetic

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
509.50 - 536.00: PYR, DIS, 5.00, -, -, 5% fien grained diss. Py
536.00 - 553.40: PYR, DIS, 1.00, -, -, 1% f.gr. diss. Py

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS
509.50 - 514.00: SER+, PEN, MOD, -, -, Moderate pervasive sericite alteration
509.50 - 533.30: CHL+, STG, MOD, -, -, Moderate chlorite alteration as parallel stringers
514.00 - 517.00: HEM+, PAT, MOD, -, -, Moderate patchy hematite alteration occuring in margins of veinning
540.00 - 553.40: CAL+, SPO, MOD, -, -, Moderate spotty Calcite

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
509.50 - 522.30: FOL, 40.00, STRONG, Moderate to strong foliation oriented at 40-50 TCA; defined by the alignment of chlorite and qtz veinning
522.30 - 524.00: CRN, 50.00, MOD, Moderate crenulation; 2 sets of crosscuttting deformation; primary at 25 TCA and secondary at 50 TCA
524.00 - 553.40: FOL, 40.00, MOD, Moderate foliation oriented at 40-50 TCA

**VEIN**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109398 | 509.5 | 511.0 | 1.5 | 0.053 | | | | |
| CAOND109399 | 511.0 | 512.5 | 1.5 | 0.054 | | | | |
| CAOND109401 | 512.5 | 513.5 | 1.0 | 0.049 | | | | |
| CAOND109402 | 513.5 | 514.3 | 0.8 | 0.045 | | | | |
| CAOND109403 | 514.3 | 515.5 | 1.2 | 0.045 | | | | |
| CAOND109404 | 515.5 | 516.6 | 1.1 | 0.031 | | | | |
| CAOND109405 | 516.6 | 518.0 | 1.4 | 0.146 | | | | |
| CAOND109406 | 518.0 | 519.5 | 1.5 | 0.092 | | | | |
| CAOND109407 | 519.5 | 521.0 | 1.5 | 0.322 | | | | |
| CAOND109408 | 521.0 | 522.5 | 1.5 | 0.080 | | | | |
| CAOND109409 | 522.5 | 524.0 | 1.5 | 0.007 | | | | |
| CAOND109410 | 524.0 | 525.5 | 1.5 | 0.007 | | | | |
| CAOND109411 | 525.5 | 527.0 | 1.5 | 0.147 | | | | |
| CAOND109412 | 527.0 | 528.5 | 1.5 | 0.010 | | | | |
| CAOND109413 | 528.5 | 530.0 | 1.5 | 0.018 | | | | |
| CAOND109414 | 530.0 | 531.5 | 1.5 | 0.018 | | | | |
| CAOND109416 | 531.5 | 533.0 | 1.5 | 0.026 | | | | |
| CAOND109417 | 533.0 | 534.5 | 1.5 | 0.020 | | | | |
| CAOND109418 | 534.5 | 536.0 | 1.5 | 0.008 | | | | |
| CAOND109419 | 536.0 | 537.5 | 1.5 | 0.014 | | | | |
| CAOND109421 | 537.5 | 539.0 | 1.5 | 0.019 | | | | |
| CAOND109422 | 539.0 | 540.5 | 1.5 | 0.024 | | | | |
| CAOND109423 | 540.5 | 542.0 | 1.5 | 0.016 | | | | |

## Hole number: KLUC18-495

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS
514.30 - 516.60: QTZ, 5.00, -, -, -, -, PYR, 5.00, 5% chaotic, irregular and discontinous qtz veinning with hematite alteration and 5% f.gr. diss. Py in margins
530.00 - 537.20: QTZ, 5.00, -, -, -, -, PYR, 5.00, 5% chaotic, irregular and discontinous qtz veinning with hematite alteration and 5% f.gr. diss. Py in margins
551.60 - 553.10: QTZ, 30.00, -, -, -, -, PYR, 1.00, 30% white-pale grey and red qtz-hem veinning with irregular contacts; occuring over 30cm thick interval and mm scale choatic similar veins in margins

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109424 | 542.0 | 543.5 | 1.5 | 0.010 | | | | |
| CAOND109426 | 543.5 | 545.0 | 1.5 | 0.013 | | | | |
| CAOND109427 | 545.0 | 546.5 | 1.5 | 0.099 | | | | |
| CAOND109428 | 546.5 | 548.0 | 1.5 | 0.013 | | | | |
| CAOND109429 | 548.0 | 549.0 | 1.0 | 0.027 | | | | |
| CAOND109431 | 549.0 | 550.5 | 1.5 | 0.038 | | | | |
| CAOND109432 | 550.5 | 551.6 | 1.1 | 0.018 | | | | |
| CAOND109433 | 551.6 | 552.5 | 0.9 | 0.019 | | | | |
| CAOND109434 | 552.5 | 553.4 | 0.9 | 0.017 | | | | |

**Major:** **From:** 553.40 **To:** 600.20 V8mt, Trachyte mafic tuff

Composition: Dark green fine grained, massive matrix with spots, patches and stringers of medium pink clasts? and veins, deformed; V8mt - Trachyte mafic tuff Magnetism: Alternating intervals of non-magnetic and moderately magnetic Alteration: Moderate spotty calcite alteration Veinning: 15-20% irregular, chaotic, locally crenulated, pink calcite veinning (up to 576m) Structure: Local crenulations (mm scale); 2 sets of crosscutting foliations both oriented at 45 TCA forming crenulations. Moderate deformation throughout oriented at 40-50 TCA. Local chaotic folding of veinning Mineralization: 5-8% very fine grained disseminated Py mineralization Contact: Sharp; oriented at 40 TCA 581-600.2m; Pink calcite veinning gradually disminishes and no more crenulations observed. Changes to dark green fine grained matrix with 50% medium grained white to beige clasts. Moderate deformation throughout that is defined by the alignment of matrix and clasts at 40-50 TCA. 1-2% very f.gr. diss. Py mineralization

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
553.40 - 581.00: PYR, DIS, 5.00, -, -, 5-8% very f.gr. diss. Py
581.00 - 600.20: PYR, DIS, 1.00, -, -, 1-2% very f.gr. diss. Py

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS
553.40 - 581.00: CAL+, SPO, STRONG, PNK2_BASIC, -, Strong to moderate spotty and stringers of pink calcite alteration and chaotic veinning
581.00 - 584.00: CAL+, SPO, MOD, GRY_00025, -, Moderate white calcite alteration
584.00 - 600.20: CAL+, SPO, WEAK, GRY_00025, -, Weak calcite alteration

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS
553.40 - 559.00: CRN, 45.00, STRONG, Strong crenulation of pink calcite veinning
553.40 - 559.00: FOL, 45.00, STRONG, Strong secondary foliation oriented at 45 TCA
559.00 - 577.00: CRN, 40.00, MOD, Moderate crenulation of pink calcite veins; first fol. at 0-20 TCA and second at 40-50 TCA
559.00 - 577.00: FLD, -, MOD, Moderate chaotic folding of pink calcite veinning

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109435 | 553.4 | 554.5 | 1.1 | 0.022 | | | | |
| CAOND109436 | 554.5 | 556.0 | 1.5 | 0.007 | | | | |
| CAOND109437 | 556.0 | 557.5 | 1.5 | 0.005 | | | | |
| CAOND109438 | 557.5 | 559.0 | 1.5 | 0.003 | | | | |
| CAOND109439 | 559.0 | 560.5 | 1.5 | 0.003 | | | | |
| CAOND109440 | 560.5 | 562.0 | 1.5 | 0.010 | | | | |
| CAOND109441 | 562.0 | 563.5 | 1.5 | 0.023 | | | | |
| CAOND109442 | 563.5 | 565.0 | 1.5 | 0.011 | | | | |
| CAOND109443 | 565.0 | 566.5 | 1.5 | 0.016 | | | | |
| CAOND109444 | 566.5 | 568.0 | 1.5 | 0.010 | | | | |
| CAOND109446 | 568.0 | 569.5 | 1.5 | 0.007 | | | | |
| CAOND109447 | 569.5 | 571.0 | 1.5 | 0.006 | | | | |
| CAOND109448 | 571.0 | 572.5 | 1.5 | 0.005 | | | | |
| CAOND109449 | 572.5 | 574.0 | 1.5 | 0.006 | | | | |
| CAOND109451 | 574.0 | 575.5 | 1.5 | 0.007 | | | | |
| CAOND109452 | 575.5 | 577.0 | 1.5 | 0.014 | | | | |
| CAOND109453 | 577.0 | 578.5 | 1.5 | 0.003 | | | | |
| CAOND109454 | 578.5 | 580.0 | 1.5 | 0.003 | | | | |
| CAOND109455 | 580.0 | 581.5 | 1.5 | 0.003 | | | | |
| CAOND109456 | 581.5 | 583.0 | 1.5 | 0.012 | | | | |
| CAOND109457 | 583.0 | 584.5 | 1.5 | 0.008 | | | | |
| CAOND109458 | 584.5 | 586.0 | 1.5 | 0.003 | | | | |
| CAOND109459 | 586.0 | 587.5 | 1.5 | 0.003 | | | | |

**Hole number:** KLUC18-495

559.00 - 577.00: FOL, 40.00, MOD, Moderate secondary foliation oriented at 40-50 TCa; defined by the alignment of crenulation and matrix
577.00 - 600.20: FOL, 40.00, MOD, Moderate foliation oriented at 40-50 TCA; defined by the alignment of clasts and alternating with matrix
600.10 - 600.20: CCT, 40.00, -, Sharp lower contact orientd at 40 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109461 | 587.5 | 589.0 | 1.5 | 0.005 | | | | |
| CAOND109462 | 589.0 | 590.5 | 1.5 | 0.005 | | | | |
| CAOND109463 | 590.5 | 592.0 | 1.5 | 0.005 | | | | |
| CAOND109464 | 592.0 | 593.5 | 1.5 | 0.013 | | | | |
| CAOND109465 | 593.5 | 594.5 | 1.0 | 0.008 | | | | |
| CAOND109466 | 594.5 | 596.0 | 1.5 | 0.006 | | | | |
| CAOND109467 | 596.0 | 597.5 | 1.5 | 0.043 | | | | |
| CAOND109468 | 597.5 | 599.0 | 1.5 | 0.008 | | | | |
| CAOND109469 | 599.0 | 600.2 | 1.2 | 0.007 | | | | |

**Major:** **From:** 600.20 **To:** 607.10 I2D, Syénite

Composition: Medium orangisg beige and medium reddish beige, moderately sheared; I2D - Syenite Magnetism: Moderately magnetic Veinning: 2% white to pale grey qtz veining, 1-2cm thick, crosscutting deformation at 70-80 TCA Structure: Moderate deformation; oriented at 40-50 TCA; defined by the alignment of Chl-Mt? stringers Alteration: Moderate, parallel chlorite - filled microfractures Mineralization: 1-2% very f.gr. disseminated Py mineralization occuring in chlorite stringers and 5% very f.gr. disseminated Magnetite Lower Contact: Sharp; oriented at 20 TCA

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
600.20 - 607.10: MAG, DIS, 5.00, -, -, 5% very f.gr. diss. Mt
600.20 - 607.10: PYR, DIS, 1.00, -, -, 1-2% very f.gr. diss. Py occuring with Chl

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS
600.20 - 607.10: FOL, 40.00, MOD, Moderate foliation orientd at 40-50 TCA; defined by the alignment of microfractures filled with chlorite
607.00 - 607.10: CCT, 20.00, -, Sharp lower contact oriented at 20 TCA

**VEIN**

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS
606.10 - 607.00: QTZ, 5.00, -, -, -, -, MAG, 5.00, 5% white to pale grey, qtz-cal-hem veining, 1-2cm thick, crosscutting deformation at 70-80 TCA, 5% very f.gr. diss. Mt and 1% f.gr. Py mineralization in margins

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109471 | 600.2 | 601.5 | 1.3 | 0.003 | | | | |
| CAOND109472 | 601.5 | 603.0 | 1.5 | 0.003 | | | | |
| CAOND109473 | 603.0 | 604.5 | 1.5 | 0.003 | | | | |
| CAOND109474 | 604.5 | 606.0 | 1.5 | 0.003 | | | | |
| CAOND109476 | 606.0 | 607.1 | 1.1 | 0.003 | | | | |

**Major:** **From:** 607.10 **To:** 608.10 S3, GRAUWACKE

Composition: Medium grey, greenish grey and green, fine grained, finely laminated; S3 - Greywacke Magnetism: Non magnetic Veinning: 1cm thick, white chaotically folding qtz vein Structure: Fine laminations oriented at 20 TCA Alteration: Moderate pervasive chlorite alteration Mineralization: 0.5-1 very fine grained disseminated Py mineralization Lower Contact: Sharp; oriented at 20 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109477 | 607.1 | 608.1 | 1.0 | 0.011 | | | | |

**Hole number:** KLUC18-495

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
607.10 - 608.10: PYR, DIS, .50, -, -, 0.5-1% very f.gr. diss. Py

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS
607.10 - 608.10: CHL+, PEN, MOD, -, -, Moderate pervasive chlorite alteration

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
607.10 - 608.10: FOL, 20.00, MOD, Moderate foliation oriented at 20 TCa; defined by the alignment of sed. laminations?
608.00 - 608.10: CCT, 20.00, -, Sharp lower contact oriented at 20 TCA

**Major:** **From:** 608.10 **To:** 657.00 V8mt, Trachyte mafic tuff

Composition: Dark green, fine grained, massive matrix with spots, patches and stringers of medium pink clasts? and veins, and pervasive patches of greenish brown, local patches of medium to dark red, weak to moderately deformed; V8mt - Trachyte mafic tuff Magnetism: Moderately magnetic Alteration: Moderate to strong patchy and spotted pink calcite alteration, moderate pervasive chlorite alteration, and local patches of hematite alteration occuring in vein margins and at contacts Veinning: 15-25% irregular, chaotic, calcite veinning and 1-2% chaoticly folded qtz-cal-hem veinning Structure: Intervals of moderate and weak deformation oriented at 30-50 TCA Mineralization: 5-8% very f.gr. diss. py mineralization throughout Contact: Sharp; oriented at 40 TCA 608.1-608.4m; 30cm thick interval that appears to be a moderately sheared syenite? 608.4-611.4m; strongly sheared interval of syenite/mafic syenite?? or tuff??, alternating bands of medium pinkish brown and medium grey, strong foliation oriented at 20 TCA, 5-8% very f.gr. diss. Py mineralization, 2% 2-3cm thick pinkish grey qtz-cal-hem veinning crosscutting deformation. 611.4-645m; patchy and chaotic appearance and weakly deformed 645-648m; deformation increasing and gradually increasing from 30 TCA to 60 TCA. Deformation defined by the alignment and allternation of chlorite (dark green), calcite (pink to red) bands and qtz-cal-hem veinning.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
611.40 - 657.00: PYR, DIS, 5.00, -, -, 5% very f.gr. diss. Py

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS
611.40 - 657.00: CAL+, PAT, MOD, PNK2_BASIC, -, Moderate to strong patchy and chaotic pink calcite alteration
611.40 - 657.00: CHL+, PEN, MOD, -, -, Moderate to locally strong pervasive and patchy chlorite alteration
646.50 - 647.70: HEM+, PAT, MOD, RED2_BASIC, -, Moderate hematite alteration associated with veinning?

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109478 | 608.1 | 608.8 | 0.7 | 0.022 | | | | |
| CAOND109479 | 608.8 | 609.5 | 0.7 | 0.088 | | | | |
| CAOND109481 | 609.5 | 611.0 | 1.5 | 0.019 | | | | |
| CAOND109482 | 611.0 | 612.5 | 1.5 | 0.032 | | | | |
| CAOND109483 | 612.5 | 614.0 | 1.5 | 0.038 | | | | |
| CAOND109484 | 614.0 | 615.5 | 1.5 | 0.005 | | | | |
| CAOND109485 | 615.5 | 617.0 | 1.5 | 0.012 | | | | |
| CAOND109486 | 617.0 | 618.5 | 1.5 | 0.018 | | | | |
| CAOND109487 | 618.5 | 620.0 | 1.5 | 0.014 | | | | |
| CAOND109488 | 620.0 | 621.5 | 1.5 | 0.014 | | | | |
| CAOND109489 | 621.5 | 623.0 | 1.5 | 0.006 | | | | |
| CAOND109491 | 623.0 | 624.5 | 1.5 | 0.012 | | | | |
| CAOND109492 | 624.5 | 626.0 | 1.5 | 0.009 | | | | |
| CAOND109493 | 626.0 | 627.5 | 1.5 | 0.035 | | | | |
| CAOND109494 | 627.5 | 629.0 | 1.5 | 0.038 | | | | |
| CAOND109495 | 629.0 | 630.5 | 1.5 | 0.015 | | | | |
| CAOND109496 | 630.5 | 632.0 | 1.5 | 0.018 | | | | |
| CAOND109497 | 632.0 | 633.5 | 1.5 | 0.057 | | | | |
| CAOND109498 | 633.5 | 634.0 | 0.5 | 0.007 | | | | |
| CAOND109499 | 634.0 | 635.5 | 1.5 | 0.009 | | | | |
| CAOND110001 | 635.5 | 637.0 | 1.5 | 0.017 | | | | |
| CAOND110002 | 637.0 | 638.5 | 1.5 | 0.013 | | | | |

**Hole number:** KLUC18-495

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
608.10 - 611.40: FOL, 20.00, STRONG, Strong foliation oriented at 20 TCA; defined by the alignment and alternation of pinkish and grey bands
611.40 - 645.00: FOL, 30.00, WEAK, Weak to locally moderate foliation oriented at 30-40 TCA
645.00 - 647.70: FOL, 40.00, MOD, Moderate foliation starting at 30 TCA and gradually increasing to 60 TCA; defined by the alignment and alternation of alteration bands
647.70 - 653.00: FOL, 50.00, WEAK, Weak foliation orientd at 40-50 TCA
653.00 - 657.00: FOL, 50.00, MOD, Moderate foliation oriented at 40-50 TCA
656.90 - 657.00: CCT, 40.00, -, Sharp lower contact oriented at 40 TCA

**VEIN**
TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS
608.80 - 609.50: QTZ, 5.00, -, -, -, -, PYR, 5.00, 5% white to pale grey qtz-cal-hem veinning, 2-3cm thick, crosscutting deifmration at 40-50 TCA; 5% very f.gr.diss. py mineralization in margins
633.50 - 634.00: QTZ, 30.00, -, -, -, -, PYR, 5.00, Pale grey and medium to dark red, clustered, chaotic and wavy contacts but parallel to deformation, qtz-cal-hem veinning with 5% f.gr. diss. Py in margins
646.50 - 647.40: QTZ, 50.00, -, -, -, -, PYR, 5.00, 50% pale grey and medium red qtz-cal-hem veinning with moderate hem occuring at contacts and in margins. 1-10cm thick, oriented parallel to deformation at 40-60 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110003 | 638.5 | 640.0 | 1.5 | 0.008 | | | | |
| CAOND110004 | 640.0 | 641.5 | 1.5 | 0.010 | | | | |
| CAOND110005 | 641.5 | 643.0 | 1.5 | 0.015 | | | | |
| CAOND110006 | 643.0 | 644.5 | 1.5 | 0.019 | | | | |
| CAOND110007 | 644.5 | 645.3 | 0.8 | 0.046 | | | | |
| CAOND110008 | 645.3 | 646.3 | 1.0 | 0.079 | | | | |
| CAOND110009 | 646.3 | 647.4 | 1.1 | 0.008 | | | | |
| CAOND110010 | 647.4 | 648.5 | 1.1 | 0.029 | | | | |
| CAOND110011 | 648.5 | 650.0 | 1.5 | 0.009 | | | | |
| CAOND110012 | 650.0 | 651.5 | 1.5 | 0.023 | | | | |
| CAOND110013 | 651.5 | 653.0 | 1.5 | 0.016 | | | | |
| CAOND110014 | 653.0 | 654.5 | 1.5 | 0.029 | | | | |
| CAOND110016 | 654.5 | 656.0 | 1.5 | 0.017 | | | | |
| CAOND110017 | 656.0 | 657.0 | 1.0 | 0.020 | | | | |

**Major:** **From:** 657.00 **To:** 659.90 S1, CONGLOMÉRAT

Composition: Patches of medium yellow green, dark green, and medium reddish brown. Fine grained matrix with 50% dominantly monolithic clasts with rare BIF clasts. Clasts are moderate to strongly deformed/flattened and preferentially aligned. S1 - Conglomerat Magnetism: Moderately magnetic towards upper contact and weakly to non-magnetic throughout rest of unit Veinning: No significant veinning observed, possibly 1-2% deformed veins appearing as clasts Mineralization: 8% fine to medium grained diss. Py mineralization Structure: Moderately deformed, oriented at 45TCA; defined by the alignment and flattening of clasts Alteration: Moderate chlorite alteration in matrix and moderate patchy calcite alteration Lower Contact: Sharp; oriented at 40 TCA

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
657.00 - 659.90: PYR, DIS, 8.00, -, -, 8% f.gr. to m.gr. diss. Py

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS
657.00 - 659.90: CAL+, PAT, MOD, -, -, Moderate calcite alteration, patchy and spotted
657.00 - 659.90: CHL+, PAT, MOD, -, -, Moderate chl alt. in matrix of conglomerat

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
657.00 - 659.90: FOL, 45.00, MOD, Moderate fol. at 45TCA; defined by the alignment and flattening of clasts

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110018 | 657.0 | 658.5 | 1.5 | 0.085 | | | | |
| CAOND110019 | 658.5 | 659.9 | 1.4 | 0.095 | | | | |

## Hole number: KLUC18-495

659.80 - 659.90: CCT, 45.00, -, Sharp lower contact oriented at 45 TCA

**Major:** **From:** 659.90 **To:** 668.90 V8mt, Trachyte mafic tuff

Composition: Dark green and dark pinkish brown; V8mt - Trachyte mafic tuff Magnetism: Weakly to non-magnetic Veinning: No significant veinning Mineralization: 5% fine grained disseminated Py mineralization Structure: Weakly deformed Alteration: Moderate patchy pink calcite alteration Lower Contact: Sharp; oriented at 80 TCA

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

659.90 - 668.90: PYR, DIS, 5.00, -, -, 5% f.gr. diss. Py

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

659.90 - 668.90: CAL+, PAT, MOD, PNK2_BASIC, -, Moderate patchy pink calcite alt.

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

659.90 - 668.90: FOL, 40.00, WEAK, Weak fol. at 40-50 TCA

668.80 - 668.90: CCT, 80.00, WEAK, Sharp lower contact oriented at 80 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110021 | 659.9 | 661.0 | 1.1 | 0.037 | | | | |
| CAOND110022 | 661.0 | 662.0 | 1.0 | 0.031 | | | | |
| CAOND110023 | 662.0 | 663.0 | 1.0 | 0.021 | | | | |
| CAOND110024 | 663.0 | 664.5 | 1.5 | 0.023 | | | | |
| CAOND110026 | 664.5 | 666.0 | 1.5 | 0.043 | | | | |
| CAOND110027 | 666.0 | 667.5 | 1.5 | 0.029 | | | | |
| CAOND110028 | 667.5 | 668.9 | 1.4 | 0.014 | | | | |

**Major:** **From:** 668.90 **To:** 675.00 I2D, Syénite

Composition: Medium pinkish brown, medium grained; I2D - Syenite Magnetism: Moderately magnetic Veinning: 1% chaotic qtz-hem veinning Mineralization: 1-2% f.gr. diss. Py Structure: Moderately deformed at 40-50 TCA, locall mm scale crenulations Alteration: Moderate spotted and stringers of black chlorite and moderate spotted calcite Lower Contact: Not reached

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

668.90 - 675.00: PYR, DIS, 1.00, -, -, 1-2% f.gr. diss. Py

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

668.90 - 675.00: CAL+, PAT, MOD, -, -, Moderate patchy calcite alt.

668.90 - 675.00: CHL+, SPO, MOD, -, -, Moderate spotted and stringers of black chlorite alt.

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

668.90 - 675.00: CRN, -, WEAK, Weak mm scale crenulations

668.90 - 675.00: FOL, 40.00, MOD, Moderate foliation at 40-50 TCA; define by the alignment of magnetite stringers

**VEIN**

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS

674.40 - 675.00: QTZ, 25.00, -, -, -, -, GAL, .10, 25% chaotic pale grey and medium red qtz-cal-hem

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110029 | 668.9 | 670.0 | 1.1 | 0.014 | | | | |
| CAOND110031 | 670.0 | 671.5 | 1.5 | 0.024 | | | | |
| CAOND110032 | 671.5 | 673.0 | 1.5 | 0.005 | | | | |
| CAOND110033 | 673.0 | 674.4 | 1.4 | 0.003 | | | | |
| CAOND110034 | 674.4 | 675.0 | 0.6 | 0.011 | | | | |

**Hole number:** KLUC18-495

veinning with trace spotted galena

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 16.6 | 18.0 | 25.00 | 100.00 | | | N | |
| 18.0 | 21.0 | 47.00 | 100.00 | | | N | |
| 21.0 | 24.0 | 33.00 | 100.00 | | | N | |
| 24.0 | 27.0 | 8.00 | 100.00 | | | N | |
| 27.0 | 30.0 | 43.00 | 100.00 | | | N | |
| 30.0 | 33.0 | 52.00 | 100.00 | | | N | |
| 33.0 | 36.0 | 75.00 | 100.00 | | | N | |
| 36.0 | 39.0 | 85.00 | 100.00 | | | N | |
| 39.0 | 42.0 | 78.00 | 100.00 | | | N | |
| 42.0 | 45.0 | 65.00 | 100.00 | | | N | |
| 45.0 | 48.0 | 63.00 | 100.00 | | | N | |
| 48.0 | 51.0 | 53.00 | 100.00 | | | N | |
| 51.0 | 54.0 | 70.00 | 100.00 | | | N | |
| 54.0 | 57.0 | 70.00 | 100.00 | | | N | |
| 57.0 | 60.0 | 93.00 | 100.00 | | | N | |
| 60.0 | 63.0 | 83.00 | 100.00 | | | N | |
| 63.0 | 66.0 | 90.00 | 100.00 | | | N | |
| 66.0 | 69.0 | 73.00 | 100.00 | | | N | |
| 69.0 | 72.0 | 93.00 | 100.00 | | | N | |
| 72.0 | 75.0 | 80.00 | 100.00 | | | N | |
| 75.0 | 78.0 | 82.00 | 100.00 | | | N | |
| 78.0 | 81.0 | 97.00 | 100.00 | | | N | |
| 81.0 | 84.0 | 93.00 | 100.00 | | | N | |
| 84.0 | 87.0 | 90.00 | 100.00 | | | N | |
| 87.0 | 90.0 | 83.00 | 100.00 | | | N | |
| 90.0 | 93.0 | 78.00 | 100.00 | | | N | |
| 93.0 | 96.0 | 82.00 | 100.00 | | | N | |

**Hole number:** KLUC18-495

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 96.0 | 99.0 | 82.00 | 100.00 | | | N | |
| 99.0 | 102.0 | 57.00 | 100.00 | | | N | |
| 102.0 | 105.0 | 70.00 | 100.00 | | | N | |
| 105.0 | 108.0 | 57.00 | 100.00 | | | N | |
| 108.0 | 111.0 | 75.00 | 100.00 | | | N | |
| 111.0 | 114.0 | 80.00 | 100.00 | | | N | |
| 114.0 | 117.0 | 93.00 | 100.00 | | | N | |
| 117.0 | 120.0 | 60.00 | 100.00 | | | N | |
| 120.0 | 123.0 | 87.00 | 100.00 | | | N | |
| 123.0 | 126.0 | 77.00 | 100.00 | | | N | |
| 126.0 | 129.0 | 78.00 | 100.00 | | | N | |
| 129.0 | 132.0 | 77.00 | 100.00 | | | N | |
| 132.0 | 135.0 | 80.00 | 100.00 | | | N | |
| 135.0 | 138.0 | 63.00 | 100.00 | | | N | |
| 138.0 | 141.0 | 70.00 | 100.00 | | | N | |
| 141.0 | 144.0 | 57.00 | 87.00 | | | N | |
| 144.0 | 147.0 | 95.00 | 100.00 | | | N | |
| 147.0 | 150.0 | 90.00 | 100.00 | | | N | |
| 150.0 | 153.0 | 80.00 | 100.00 | | | N | |
| 153.0 | 156.0 | 97.00 | 100.00 | | | N | |
| 156.0 | 159.0 | 90.00 | 100.00 | | | N | |
| 159.0 | 162.0 | 97.00 | 100.00 | | | N | |
| 162.0 | 165.0 | 97.00 | 100.00 | | | N | |
| 165.0 | 168.0 | 83.00 | 100.00 | | | N | |
| 168.0 | 171.0 | 77.00 | 100.00 | | | N | |
| 171.0 | 174.0 | 85.00 | 100.00 | | | N | |
| 174.0 | 177.0 | 83.00 | 100.00 | | | N | |
| 177.0 | 180.0 | 92.00 | 100.00 | | | N | |

**Hole number:** KLUC18-495

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 180.0 | 183.0 | 92.00 | 100.00 | | | N | |
| 183.0 | 186.0 | 93.00 | 100.00 | | | N | |
| 186.0 | 189.0 | 77.00 | 100.00 | | | N | |
| 189.0 | 192.0 | 48.00 | 100.00 | | | N | |
| 192.0 | 195.0 | 57.00 | 100.00 | | | N | |
| 195.0 | 198.0 | 48.00 | 100.00 | | | N | |
| 198.0 | 201.0 | 12.00 | 100.00 | | | N | |
| 201.0 | 204.0 | 83.00 | 100.00 | | | N | |
| 204.0 | 207.0 | 80.00 | 100.00 | | | N | |
| 207.0 | 210.0 | 37.00 | 100.00 | | | N | |
| 210.0 | 213.0 | 35.00 | 100.00 | | | N | |
| 213.0 | 216.0 | 80.00 | 100.00 | | | N | |
| 216.0 | 219.0 | 90.00 | 100.00 | | | N | |
| 219.0 | 222.0 | 100.00 | 100.00 | | | N | |
| 222.0 | 225.0 | 93.00 | 100.00 | | | N | |
| 225.0 | 228.0 | 77.00 | 100.00 | | | N | |
| 228.0 | 231.0 | 97.00 | 100.00 | | | N | |
| 231.0 | 234.0 | 90.00 | 100.00 | | | N | |
| 234.0 | 237.0 | 98.00 | 100.00 | | | N | |
| 237.0 | 240.0 | 85.00 | 100.00 | | | N | |
| 240.0 | 243.0 | 97.00 | 100.00 | | | N | |
| 243.0 | 246.0 | 88.00 | 100.00 | | | N | |
| 246.0 | 249.0 | 93.00 | 100.00 | | | N | |
| 249.0 | 252.0 | 93.00 | 100.00 | | | N | |
| 252.0 | 255.0 | 63.00 | 100.00 | | | N | |
| 255.0 | 258.0 | 70.00 | 100.00 | | | N | |
| 258.0 | 261.0 | 88.00 | 100.00 | | | N | |
| 261.0 | 264.0 | 65.00 | 100.00 | | | N | |

**Hole number:** KLUC18-495

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 264.0 | 267.0 | 37.00 | 100.00 | | | N | |
| 267.0 | 270.0 | 10.00 | 100.00 | | | N | |
| 270.0 | 273.0 | 5.00 | 100.00 | | | N | |
| 273.0 | 276.0 | 53.00 | 100.00 | | | N | |
| 276.0 | 279.0 | 13.00 | 100.00 | | | N | |
| 279.0 | 282.0 | 47.00 | 100.00 | | | N | |
| 282.0 | 285.0 | 83.00 | 100.00 | | | N | |
| 285.0 | 288.0 | 70.00 | 100.00 | | | N | |
| 288.0 | 291.0 | 58.00 | 100.00 | | | N | |
| 291.0 | 294.0 | 68.00 | 100.00 | | | N | |
| 294.0 | 297.0 | 28.00 | 100.00 | | | N | |
| 297.0 | 300.0 | 40.00 | 100.00 | | | N | |
| 300.0 | 303.0 | 90.00 | 100.00 | | | N | |
| 303.0 | 306.0 | 85.00 | 100.00 | | | N | |
| 306.0 | 309.0 | 75.00 | 100.00 | | | N | |
| 309.0 | 312.0 | 63.00 | 100.00 | | | N | |
| 312.0 | 315.0 | 82.00 | 100.00 | | | N | |
| 315.0 | 318.0 | 90.00 | 100.00 | | | N | |
| 318.0 | 321.0 | 90.00 | 100.00 | | | N | |
| 321.0 | 324.0 | 93.00 | 100.00 | | | N | |
| 324.0 | 327.0 | 92.00 | 100.00 | | | N | |
| 327.0 | 330.0 | 98.00 | 100.00 | | | N | |
| 330.0 | 333.0 | 98.00 | 100.00 | | | N | |
| 333.0 | 336.0 | 93.00 | 100.00 | | | N | |
| 336.0 | 339.0 | 85.00 | 100.00 | | | N | |
| 339.0 | 342.0 | 93.00 | 100.00 | | | N | |
| 342.0 | 345.0 | 93.00 | 100.00 | | | N | |
| 345.0 | 348.0 | 93.00 | 100.00 | | | N | |

**Hole number:** KLUC18-495

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 348.0 | 351.0 | 87.00 | 100.00 | | | N | |
| 351.0 | 354.0 | 95.00 | 100.00 | | | N | |
| 354.0 | 357.0 | 90.00 | 100.00 | | | N | |
| 357.0 | 360.0 | 87.00 | 100.00 | | | N | |
| 360.0 | 363.0 | 87.00 | 100.00 | | | N | |
| 363.0 | 366.0 | 97.00 | 100.00 | | | N | |
| 366.0 | 369.0 | 92.00 | 100.00 | | | N | |
| 369.0 | 372.0 | 88.00 | 100.00 | | | N | |
| 372.0 | 375.0 | 95.00 | 100.00 | | | N | |
| 375.0 | 378.0 | 92.00 | 100.00 | | | N | |
| 378.0 | 381.0 | 83.00 | 100.00 | | | N | |
| 381.0 | 384.0 | 97.00 | 100.00 | | | N | |
| 384.0 | 387.0 | 73.00 | 100.00 | | | N | |
| 387.0 | 390.0 | 77.00 | 100.00 | | | N | |
| 390.0 | 393.0 | 68.00 | 100.00 | | | N | |
| 393.0 | 396.0 | 95.00 | 100.00 | | | N | |
| 396.0 | 399.0 | 93.00 | 100.00 | | | N | |
| 399.0 | 402.0 | 87.00 | 100.00 | | | N | |
| 402.0 | 405.0 | 90.00 | 100.00 | | | N | |
| 405.0 | 408.0 | 85.00 | 100.00 | | | N | |
| 408.0 | 411.0 | 95.00 | 100.00 | | | N | |
| 411.0 | 414.0 | 93.00 | 100.00 | | | N | |
| 414.0 | 417.0 | 92.00 | 100.00 | | | N | |
| 417.0 | 420.0 | 92.00 | 100.00 | | | N | |
| 420.0 | 423.0 | 87.00 | 100.00 | | | N | |
| 423.0 | 426.0 | 98.00 | 100.00 | | | N | |
| 426.0 | 429.0 | 98.00 | 100.00 | | | N | |
| 429.0 | 432.0 | 98.00 | 100.00 | | | N | |

**Hole number:** KLUC18-495

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 432.0 | 435.0 | 90.00 | 100.00 | | | N | |
| 435.0 | 438.0 | 73.00 | 100.00 | | | N | |
| 438.0 | 441.0 | 97.00 | 100.00 | | | N | |
| 441.0 | 444.0 | 93.00 | 100.00 | | | N | |
| 444.0 | 447.0 | 90.00 | 100.00 | | | N | |
| 447.0 | 450.0 | 98.00 | 100.00 | | | N | |
| 450.0 | 453.0 | 87.00 | 100.00 | | | N | |
| 453.0 | 456.0 | 93.00 | 100.00 | | | N | |
| 456.0 | 459.0 | 83.00 | 83.00 | | | N | |
| 459.0 | 462.0 | 90.00 | 100.00 | | | N | |
| 462.0 | 465.0 | 93.00 | 100.00 | | | N | |
| 465.0 | 468.0 | 90.00 | 100.00 | | | N | |
| 468.0 | 471.0 | 97.00 | 100.00 | | | N | |
| 471.0 | 474.0 | 93.00 | 100.00 | | | N | |
| 474.0 | 477.0 | 83.00 | 100.00 | | | N | |
| 477.0 | 480.0 | 83.00 | 100.00 | | | N | |
| 480.0 | 483.0 | 97.00 | 100.00 | | | N | |
| 483.0 | 486.0 | 55.00 | 100.00 | | | N | |
| 486.0 | 489.0 | 83.00 | 100.00 | | | N | |
| 489.0 | 492.0 | 60.00 | 100.00 | | | N | |
| 492.0 | 495.0 | 77.00 | 100.00 | | | N | |
| 495.0 | 498.0 | 83.00 | 100.00 | | | N | |
| 498.0 | 501.0 | 93.00 | 100.00 | | | N | |
| 501.0 | 504.0 | 100.00 | 100.00 | | | N | |
| 504.0 | 507.0 | 97.00 | 100.00 | | | N | |
| 507.0 | 510.0 | 98.00 | 100.00 | | | N | |
| 510.0 | 513.0 | 93.00 | 100.00 | | | N | |
| 513.0 | 516.0 | 98.00 | 100.00 | | | N | |

**Hole number:** KLUC18-495

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 516.0 | 519.0 | 90.00 | 100.00 | | | N | |
| 519.0 | 522.0 | 100.00 | 100.00 | | | N | |
| 522.0 | 525.0 | 100.00 | 100.00 | | | N | |
| 525.0 | 528.0 | 97.00 | 100.00 | | | N | |
| 528.0 | 531.0 | 87.00 | 100.00 | | | N | |
| 531.0 | 534.0 | 93.00 | 100.00 | | | N | |
| 534.0 | 537.0 | 97.00 | 100.00 | | | N | |
| 537.0 | 540.0 | 100.00 | 100.00 | | | N | |
| 540.0 | 543.0 | 100.00 | 100.00 | | | N | |
| 543.0 | 546.0 | 93.00 | 100.00 | | | N | |
| 546.0 | 549.0 | 93.00 | 100.00 | | | N | |
| 549.0 | 552.0 | 93.00 | 100.00 | | | N | |
| 552.0 | 555.0 | 100.00 | 100.00 | | | N | |
| 555.0 | 558.0 | 98.00 | 100.00 | | | N | |
| 558.0 | 561.0 | 97.00 | 100.00 | | | N | |
| 561.0 | 564.0 | 98.00 | 100.00 | | | N | |
| 564.0 | 567.0 | 87.00 | 100.00 | | | N | |
| 567.0 | 570.0 | 97.00 | 100.00 | | | N | |
| 570.0 | 573.0 | 97.00 | 100.00 | | | N | |
| 573.0 | 576.0 | 97.00 | 100.00 | | | N | |
| 576.0 | 579.0 | 100.00 | 100.00 | | | N | |
| 579.0 | 582.0 | 97.00 | 100.00 | | | N | |
| 582.0 | 585.0 | 100.00 | 100.00 | | | N | |
| 585.0 | 588.0 | 100.00 | 100.00 | | | N | |
| 588.0 | 591.0 | 100.00 | 100.00 | | | N | |
| 591.0 | 594.0 | 100.00 | 100.00 | | | N | |
| 594.0 | 597.0 | 100.00 | 100.00 | | | N | |
| 597.0 | 600.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC18-495

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 600.0 | 603.0 | 100.00 | 100.00 | | | N | |
| 603.0 | 606.0 | 100.00 | 100.00 | | | N | |
| 606.0 | 609.0 | 100.00 | 100.00 | | | N | |
| 609.0 | 612.0 | 100.00 | 100.00 | | | N | |
| 612.0 | 615.0 | 90.00 | 100.00 | | | N | |
| 615.0 | 618.0 | 93.00 | 100.00 | | | N | |
| 618.0 | 621.0 | 100.00 | 100.00 | | | N | |
| 621.0 | 624.0 | 100.00 | 100.00 | | | N | |
| 624.0 | 627.0 | 97.00 | 100.00 | | | N | |
| 627.0 | 630.0 | 98.00 | 100.00 | | | N | |
| 630.0 | 633.0 | 100.00 | 100.00 | | | N | |
| 633.0 | 636.0 | 100.00 | 100.00 | | | N | |
| 636.0 | 639.0 | 98.00 | 100.00 | | | N | |
| 639.0 | 642.0 | 100.00 | 100.00 | | | N | |
| 642.0 | 645.0 | 100.00 | 100.00 | | | N | |
| 645.0 | 648.0 | 100.00 | 100.00 | | | N | |
| 648.0 | 651.0 | 97.00 | 100.00 | | | N | |
| 651.0 | 654.0 | 100.00 | 100.00 | | | N | |
| 654.0 | 657.0 | 97.00 | 100.00 | | | N | |
| 657.0 | 660.0 | 100.00 | 100.00 | | | N | |
| 660.0 | 663.0 | 100.00 | 100.00 | | | N | |
| 663.0 | 666.0 | 98.00 | 100.00 | | | N | |
| 666.0 | 669.0 | 97.00 | 100.00 | | | N | |
| 669.0 | 672.0 | 97.00 | 100.00 | | | N | |
| 672.0 | 675.0 | 97.00 | 100.00 | | | N | |

**Hole number:** KLUC18-495

AGNICO EAGLE

# DRILL HOLE REPORT

## EXPLORATION CANADA ONTARIO

**Hole number:** KLUC18-496 **Project Number:** U_Canada **Project name:** Upper Canada

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Historic hole number:** | | **Collar survey:** | Y | **From:** | 0.0 | **Coordinates:** | P |
| **System:** | METRIC | **Verified:** | | **To:** | 360.0 | **Grid:** | UTM83-17_CSRS-2010: |
| **Target:** | U_CANADA | **Gas:** | | **Depth:** | 360.0 | **North:** | 5,332,624.21 |
| **No. Claim:** | PAT-18800 | **Multishot survey:** | Y | **Location:** | Surface | **East:** | 586,978.75 |
| **Year:** | 2 018 | **Is making water:** | | **Core storage:** | Mine Site | **Elevation:** | 329.66 |
| **Date started:** | 7/27/2018 | **Object in hole:** | N | **Contractor:** | Asinii Drilling | **Collar dip:** | -59.37 |
| **Date logged:** | 2018-08-02 | **Pulse EM survey:** | N | **Logged by:** | Monica Oosterman | **Collar azimuth:** | 165.07 |
| **Date completed:** | 7/31/2018 | **Plugged:** | N | **Signature:** | | | |
| **Core size:** | NQ | **Cemented:** | N | | | | |
| **Hole type:** | EXP | **Branch:** | N | | | | |
| **Casing:** | Left in Hole, capped | **Reserve:** | | | | | |
| **Logging status:** | Signed | | | | | | |
| **Rig number:** | | | | | | | |

**Additional sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Section number is 600. Short hole on MSO drilling Planned hole UCP18-025
Target coordinates 587007,5332485,103
HOle is targeting mos Block between L and H zone. Targeting to the west side of the MSO block
Start hole 1hex and 18inch shell

Summary of Borehole
Testing the area at depth between the Upper L and HMQ zones. The borehole was completed at a depth of 360m with a planned length of 350. Gyro was completed and reflexed well what was seen in the Devishot. Expected to see the L zone from 43-105m and the interpreted target zone at 266m.
Borehole 496 intersected two shears in the hole. The first shear from 96-156m is interpreted as the Lzone, the rock is strong dolomitization or silicification???, non-magnetic, contains no calcite and is intensely sheared V8tl (original rock is hard to determine because of intense shearing and alteration). The second shear was noted from 223-255.07m in general the rocks were V8mlt. Unit was schistose, strongly magnetic, did not contain calcite, hematite varied but in general was weak. Second shear probably will not contain gold because of the calcite presents in the rock. Broad deformation zone is interpreted from 96-288m, rock is still strained past 288m but does not appear as intense as the two above mentioned zones. This hole is now compete

**Assay average**

| Average type | From | To | Length | Width | Zone | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Pb_ppm | Ni_ppm | As_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WEIGHTED | 30.5 | 43.0 | 12.5 | | | 1.442 | | | | | | |
| WEIGHTED | 49.0 | 52.0 | 3.0 | | | 3.229 | | | | | | |
| WEIGHTED | 56.2 | 57.4 | 1.1 | | | 2.400 | | | | | | |
| WEIGHTED | 60.0 | 61.5 | 1.5 | | | 3.930 | | | | | | |
| WEIGHTED | 143.0 | 157.8 | 14.8 | | | 1.104 | | | | | | |
| WEIGHTED | 175.5 | 179.3 | 3.8 | | | 1.245 | | | | | | |

## Hole number: KLUC18-496

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 165.48 | -60.30 | NS | | DeviAligner N-Seaker |
| 0.0 | 165.07 | -59.37 | S | O | rod shot |
| 20.0 | 163.55 | -59.47 | G | O | North Seaker Gyro |
| 30.0 | 163.50 | -59.43 | G | O | North Seaker Gyro |
| 50.0 | 163.32 | -59.44 | G | O | North Seaker Gyro |
| 60.0 | 163.36 | -59.30 | G | O | North Seaker Gyro |
| 80.0 | 162.96 | -58.91 | G | O | North Seaker Gyro |
| 100.0 | 162.74 | -58.67 | G | O | North Seaker Gyro |
| 120.0 | 162.58 | -58.44 | G | O | North Seaker Gyro |
| 140.0 | 162.59 | -58.31 | G | O | North Seaker Gyro |
| 150.0 | 162.60 | -58.26 | G | O | North Seaker Gyro |
| 170.0 | 162.59 | -58.18 | G | O | North Seaker Gyro |
| 180.0 | 162.70 | -58.19 | G | O | North Seaker Gyro |
| 200.0 | 162.73 | -58.13 | G | O | North Seaker Gyro |
| 220.0 | 162.75 | -57.95 | G | O | North Seaker Gyro |
| 240.0 | 162.81 | -57.80 | G | O | North Seaker Gyro |
| 260.0 | 163.09 | -57.66 | G | O | North Seaker Gyro |
| 270.0 | 163.09 | -57.64 | G | O | North Seaker Gyro |
| 290.0 | 163.21 | -57.45 | G | O | North Seaker Gyro |
| 300.0 | 163.41 | -57.36 | G | O | North Seaker Gyro |
| 320.0 | 163.55 | -57.10 | G | O | North Seaker Gyro |
| 330.0 | 163.62 | -56.99 | G | O | North Seaker Gyro |
| 0.0 | 164.57 | -59.49 | G | | North Seaker Gyro |
| 10.0 | 164.34 | -59.29 | G | O | North Seaker Gyro |
| 27.0 | 163.80 | -59.48 | DS | | |
| 40.0 | 163.38 | -59.44 | G | O | North Seaker Gyro |
| 57.0 | 164.77 | -59.62 | DS | | |
| 70.0 | 163.14 | -59.10 | G | O | North Seaker Gyro |
| 90.0 | 162.79 | -58.76 | G | O | North Seaker Gyro |
| 110.0 | 162.63 | -58.53 | G | O | North Seaker Gyro |
| 130.0 | 162.50 | -58.37 | G | O | North Seaker Gyro |
| 147.0 | 162.60 | -58.30 | DS | | 54624 |
| 160.0 | 162.62 | -58.17 | G | O | North Seaker Gyro |
| 177.0 | 162.36 | -58.00 | DS | | 54962 |
| 190.0 | 162.80 | -58.14 | G | O | North Seaker Gyro |
| 210.0 | 162.59 | -57.99 | G | O | North Seaker Gyro |
| 230.0 | 162.73 | -57.84 | G | O | North Seaker Gyro |
| 250.0 | 162.98 | -57.74 | G | O | North Seaker Gyro |
| 267.0 | 164.32 | -57.48 | DS | | 54272 |
| 280.0 | 163.14 | -57.53 | G | O | North Seaker Gyro |
| 297.0 | 163.61 | -57.34 | DS | | 54237 |
| 310.0 | 163.45 | -57.21 | G | O | North Seaker Gyro |
| 327.0 | 162.83 | -57.01 | DS | | 54962 |
| 340.0 | 163.77 | -56.86 | G | O | North Seaker Gyro |

| Certificate |
|---|
| A19-808 |
| MXPA-SG001 |
| SD18194418 |
| SD18200498 |
| SD18200502 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505R19-025 | Excaon1 | CAOND109014<br>CAOND109018<br>CAOND109034<br>CAOND109038<br>CAOND109053<br>CAOND109056<br>CAOND109067<br>CAOND109072<br>CAOND109211 |

| Sample number | Standard |
|---|---|
| CAOND109515 | CDN-CM-24-AEM |
| CAOND109520 | BLANK-DB |
| CAOND109530 | CDN-GS-5U-AEM |
| CAOND109545 | CDN-CM-28-AEM |
| CAOND109560 | CDN-CM-24-AEM |
| CAOND109570 | BLANK-DB |
| CAOND109575 | CDN-GS-5U-AEM |
| CAOND109590 | CDN-CM-28-AEM |

**Hole number:** KLUC18-496

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND109287 |
| | | CAOND109291 |
| | | CAOND109294 |
| | | CAOND109296 |
| | | CAOND109318 |
| | | CAOND109357 |
| | | CAOND109369 |
| | | CAOND109435 |
| | | CAOND109438 |
| | | CAOND109495 |
| | | CAOND109503 |
| | | CAOND109528 |
| | | CAOND109535 |
| | | CAOND109557 |
| | | CAOND109564 |
| | | CAOND109674 |
| | | CAOND109677 |
| | | CAOND109689 |
| | | CAOND109691 |
| | | CAOND109704 |
| | | CAOND109710 |
| | | CAOND109729 |
| | | CAOND109751 |
| | | CAOND109757 |
| | | CAOND109764 |
| | | CAOND109781 |
| | | CAOND109787 |
| | | CAOND109796 - CAOND109797 |
| | | CAOND109818 |
| | | CAOND109836 |
| | | CAOND109839 |
| | | CAOND109874 - CAOND109875 |
| | | CAOND109890 |
| | | CAOND109940 |
| | | CAOND109974 |
| | | CAOND109984 |
| | | CAOND110011 |
| | | CAOND110056 - CAOND110057 |
| | | CAOND110062 |
| | | CAOND110073 |
| | | CAOND110113 |
| | | CAOND110161 |
| | | CAOND110163 |

| Sample number | Standard |
|---|---|
| CAOND109615 | CDN-CM-24-AEM |
| CAOND109620 | BLANK-DB |
| CAOND109630 | CDN-GS-5U-AEM |
| CAOND109645 | CDN-CM-28-AEM |
| CAOND109660 | CDN-CM-24-AEM |
| CAOND109670 | BLANK-DB |
| CAOND109675 | CDN-GS-5U-AEM |
| CAOND109690 | CDN-CM-28-AEM |
| CAOND109715 | CDN-CM-24-AEM |
| CAOND109720 | BLANK-DB |
| CAOND109730 | CDN-GS-5U-AEM |
| CAOND109745 | CDN-CM-28-AEM |
| CAOND109760 | CDN-CM-24-AEM |
| CAOND109770 | BLANK-DB |
| CAOND109775 | CDN-GS-5U-AEM |

**Hole number:** KLUC18-496

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND110174 |
| | | CAOND110198 |
| | | CAOND110213 |
| | | CAOND110236 |
| | | CAOND110240 |
| | | CAOND110249 |
| | | CAOND110261 |
| | | CAOND110270 |
| | | CAOND110322 |
| | | CAOND110328 |
| | | CAOND110340 |
| | | CAOND110355 |
| | | CAOND110362 |
| | | CAOND110379 |
| | | CAOND110382 - CAOND110383 |
| | | CAOND110398 |
| | | CAOND110434 |
| | | CAOND110438 |
| | | CAOND110441 |
| | | CAOND110443 |
| | | CAOND110468 |
| | | CAOND110496 |
| | | CAOND110502 |
| | | CAOND110514 |
| | | CAOND110523 |
| | | CAOND110539 |
| | | CAOND110544 |
| | | CAOND110552 |
| | | CAOND110572 |
| | | CAOND110593 - CAOND110595 |
| | | CAOND110603 |
| | | CAOND110633 |
| | | CAOND110664 - CAOND110665 |
| | | CAOND110683 |
| | | CAOND110694 |
| | | CAOND110710 |
| | | CAOND110712 - CAOND110713 |
| | | CAOND110808 |
| | | CAOND110813 |
| | | CAOND110837 |
| | | CAOND110871 |
| | | CAOND110885 |
| | | CAOND110948 |

**Hole number:** KLUC18-496

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND110951 |
| | | CAOND110956 |
| | | CAOND110978 |
| | | CAOND111098 |
| | | CAOND111129 |
| | | CAOND111178 |
| | | CAOND111262 |
| | | CAOND111277 |
| | | CAOND111286 |
| | | CAOND111385 |
| | | CAOND111446 |
| | | CAOND111448 |
| | | CAOND111455 |
| | | CAOND111481 |
| | | CAOND111513 |
| | | CAOND111529 |
| | | CAOND111558 |
| | | CAOND111606 |
| | | CAOND111629 |
| | | CAOND111634 |
| | | CAOND111673 |
| | | CAOND111686 |
| | | CAOND111690 |
| | | CAOND111709 |
| | | CAOND111734 |
| | | CAOND111747 |
| | | CAOND111752 |
| | | CAOND111763 |
| | | CAOND111774 |
| | | CAOND111794 |
| | | CAOND111806 |
| | | CAOND111838 |
| | | CAOND111842 |
| | | CAOND111876 |
| | | CAOND111878 |
| | | CAOND111881 |
| | | CAOND111889 |
| | | CAOND111913 |
| | | CAOND111954 |
| | | CAOND111988 |
| | | CAOND112048 |
| | | CAOND112084 |
| | | CAOND112097 |

**Hole number:** KLUC18-496

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND112123 |
| | | CAOND112128 |
| | | CAOND112154 |
| | | CAOND112187 |
| | | CAOND112214 |
| | | CAOND112218 |
| | | CAOND112223 - CAOND112224 |
| | | CAOND112263 |
| | | CAOND112286 |
| | | CAOND112309 |
| | | CAOND112410 |
| | | CAOND112434 |
| | | CAOND112474 |
| | | CAOND112485 |
| | | CAOND112505 |
| | | CAOND112513 |
| | | CAOND112537 |
| | | CAOND112559 |
| | | CAOND112584 |
| | | CAOND112606 |
| | | CAOND112632 |
| | | CAOND112676 |
| | | CAOND112704 |
| | | CAOND112757 |
| | | CAOND112789 |
| | | CAOND112794 |
| | | CAOND112798 |
| | | CAOND112811 - CAOND112812 |
| | | CAOND112832 |
| | | CAOND112837 |
| | | CAOND112846 |
| | | CAOND112855 |
| | | CAOND112865 |
| | | CAOND112917 |
| | | CAOND112937 |
| | | CAOND112957 |
| | | CAOND112971 |
| | | CAOND113672 |
| | | CAOND113777 |
| | | CAOND113779 |
| | | CAOND113781 |
| | | CAOND113789 |
| | | CAOND114014 |

**Hole number:** KLUC18-496

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND114020<br>CAOND114187<br>CAOND114221<br>CAOND114264<br>CAOND114276<br>CAOND115912<br>CAOND115926<br>CAOND115942<br>CAOND115959<br>CAOND115962<br>CAOND115999<br>CAOND116503<br>CAOND116522<br>CAOND116533<br>CAOND116542<br>CAOND116618<br>CAOND116620<br>CAOND116633<br>CAOND116642<br>CAOND116658<br>CAOND116660<br>CAOND116673 |
| KLUC18-0807 | Excaon1 | CAOND109001 - CAOND109209<br>CAOND109501 - CAOND109668 |
| KLUC18-0813 | Excaon1 | CAOND109210 - CAOND109500<br>CAOND109645<br>CAOND109660<br>CAOND109669 - CAOND109691<br>CAOND109693 - CAOND110000<br>CAOND110002 - CAOND110093<br>CAOND110115<br>CAOND110120<br>CAOND110130<br>CAOND110145<br>CAOND110160<br>CAOND110170<br>CAOND110175<br>CAOND110190<br>CAOND110215<br>CAOND110220<br>CAOND110230<br>CAOND110245<br>CAOND110260 |

**Hole number:** KLUC18-496

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND110270<br>CAOND110275<br>CAOND110290<br>CAOND110501 - CAOND110519<br>CAOND110521 - CAOND110736<br>CAOND110754<br>KLUC18-495-LC2<br>KLUC18-499-LC1<br>KLUC18-501-LC1 |
| KLUC18-0815 | Excaon1 | CAOND109210 - CAOND109500<br>CAOND109669 - CAOND109691<br>CAOND109693 - CAOND110093<br>CAOND110501 - CAOND110518 |

*The sample list may content samples from other holes

**Major:** **From:** 0.00 **To:** 20.20 OVB, Overburden

Timesheet says casing to 18m but I have core starting at 20.20

**Major:** **From:** 20.20 **To:** 27.50 V8t, Trachytic tuff

Light grey fine to medium grained, moderately to strongly magnetic, majority is foliated with segments of massive looking material. Rubbly core with area of fault gauge. No visible sulphides.

**MINOR INTERVAL**

25.25 - 27.00: CNRFault gauge

**TEXTURE**

TYPE/COLOR/GRAIN_SIZE/COMMENTS

20.20, 27.50, FRA, -, FGR, Rock is FG to MG and generally foliated with some massive patches.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

20.20, 27.50, MAG, DIS, 2.00, GRY2_BASIC, FGR, -

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

20.20, 27.00, SER+, SEL, WEAK, GRN2_BASIC, FGR, -, -
20.20, 27.50, HEM+, PAT, WEAK, RED2_BASIC, APH, -, weak hematite staining is patchy
27.00, 27.50, SER+, PEN, STRONG, -, FGR, -, soft light grey in foliated rock

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

20.20, 25.54, FOL, MOD, 40.00, -, -, -, -
25.54, 27.00, GGE, STRONG, -, -, -, -, -
25.54, 27.50, FOL, MOD, 20.00, -, -, -, Possibly a different V but might be more intense shear

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109501 | 20.2 | 21.0 | 0.8 | 0.120 | | | | |
| CAOND109502 | 21.0 | 22.5 | 1.5 | 0.071 | | | | |
| CAOND109503 | 22.5 | 24.0 | 1.5 | 0.081 | | | | |
| CAOND109504 | 24.0 | 25.3 | 1.3 | 0.072 | | | | |
| CAOND109505 | 25.3 | 27.5 | 2.3 | 0.086 | | | | |

**Hole number:** KLUC18-496

**Major:** **From:** 27.50 **To:** 51.75 I2D, Syénite

Bright pink rock, massive to moderately foliated areas of the unit the rock is contoured do to alteration (cacite, chlorite, and light grey alt). Patcy quartz pods which might have been veins, Vuggy areas along fractures often contain blebs of chalcopyrite and pyrite. Quartz veins are bullish Minor broken quartz veins appear to be grey and one quartz vein noted has grey rims. Appears like quartz veins are broken. Minor sulphides mosly seen in fracture also some very fine grained dusting of pyrite. Low angle fracture cause blocky core.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

27.50, 51.75, CPY, BBY, .10, -, CGR, Isolated patches of Chalopyrite

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

27.50, 50.53, CAL+, PAT, WEAK, -, CGR, -, Patchy vuggy calcite often associted with quartz

27.50, 50.53, HEM+, PEN, STRONG, RED2_BASIC, FGR, -, rock is bright red thought to be because of Hemaitite

50.53, 51.75, SER+, PEN, STRONG, GRN2_BASIC, FGR, -, -

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

27.50, 50.53, FRS, MOD, 20.00, -, -, -, low angle fractures making core blocky

50.53, 51.75, FOL, MOD, 40.00, -, -, -, -

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

49.52, 50.10, QTZ, 20.00, 20.00, -, -, -, GRY2_BASIC, 1.00, CAO, -, -, irrigular quartz vein with gray rims and minor very fine grained pyrite.

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

27.50, 50.53, QTZ, PAT, 1.00, GRY_00025, MGR, Patches of quartz+carbonate

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109506 | 27.5 | 29.0 | 1.5 | 0.046 | | | | |
| CAOND109507 | 29.0 | 30.5 | 1.5 | 0.173 | | | | |
| CAOND109508 | 30.5 | 32.0 | 1.5 | 0.871 | | | | |
| CAOND109509 | 32.0 | 33.5 | 1.5 | 0.743 | | | | |
| CAOND109510 | 33.5 | 35.0 | 1.5 | 0.495 | | | | |
| CAOND109511 | 35.0 | 36.0 | 1.0 | 0.747 | | | | |
| CAOND109512 | 36.0 | 37.0 | 1.0 | 0.710 | | | | |
| CAOND109513 | 37.0 | 38.5 | 1.5 | 0.286 | | | | |
| CAOND109514 | 38.5 | 40.0 | 1.5 | 0.555 | | | | |
| CAOND109516 | 40.0 | 41.5 | 1.5 | 0.632 | | | | |
| CAOND109517 | 41.5 | 43.0 | 1.5 | 7.460 | | | | |
| CAOND109518 | 43.0 | 44.5 | 1.5 | 0.274 | | | | |
| CAOND109519 | 44.5 | 46.0 | 1.5 | 0.058 | | | | |
| CAOND109521 | 46.0 | 47.5 | 1.5 | 0.160 | | | | |
| CAOND109522 | 47.5 | 49.0 | 1.5 | 0.025 | | | | |
| CAOND109523 | 49.0 | 50.1 | 1.1 | 6.500 | | | | |
| CAOND109524 | 50.1 | 52.0 | 1.9 | 1.335 | | | | |

**Major:** **From:** 51.75 **To:** 60.92 V8tl, Trachytic lapilli tuff

Light yellow green, fine grained, weakly to strongly foliated. Intercalated massive (flow) and lapilli fragments. Minor dissemianted sulphide. Non magnetic. Unit grades into weakly foliated tuffacous unit. Strongly silicous zone noted in alteration, could be a deformed quartz vein.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

56.23, 57.37, PYR, DIS, 2.00, -, FGR, Fine grained dusting of pyrite in a silicous breccia possible deformed quartz vein

56.23, 57.37, PYR, DIS, 2.00, GRY2_BASIC, FGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109526 | 52.0 | 53.5 | 1.5 | 0.266 | | | | |
| CAOND109527 | 53.5 | 55.0 | 1.5 | 0.230 | | | | |
| CAOND109528 | 55.0 | 56.2 | 1.2 | 0.101 | | | | 2.83 |
| CAOND109529 | 56.2 | 57.4 | 1.1 | 2.400 | | | | 2.74 |
| CAOND109531 | 57.4 | 59.1 | 1.7 | 0.251 | | | | 2.80 |
| CAOND109532 | 59.1 | 60.0 | 0.9 | 0.164 | | | | 2.94 |

**Hole number:** KLUC18-496

59.08, 59.90, PYR, EUH, -, -, CGR, Cubic pyrite in sheared tuffacous unit

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
51.75, 56.23, SER+, PEN, STRONG, GRN2_BASIC, FGR, -, -
56.23, 57.37, SIC+, PEN, STRONG, GRY2_BASIC, FGR, -, Rock is Dary brown gray and contians alot of silica.

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
51.75, 56.23, FOL, MOD, 40.00, -, -, -, -
53.50, 53.85, FOL, STRONG, 25.00, -, -, -, -
56.23, 57.37, BRC, MOD, 40.00, -, -, -, upper contact at 40. possible deformed quartz vein
57.37, 60.90, FOL, MOD, 40.00, -, -, -, -

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
56.23, 57.37, QTZ, 50.00, 40.00, -, -, -, BRW2_BASIC, -, BXR, -, -, -

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
60.90, 60.92, MAG, DIS, 1.00, RED_00001, FGR, Range from weakly to strongly magnetic. Fault zones are not magnetic

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109533 | 60.0 | 61.5 | 1.5 | 3.930 | | | | 2.83 |

**Major:** **From:** 60.92 **To:** 79.00 V8, Trachyte

Sericite-feldspar Schist - S2 or S4 producing Crenulation Cleavage Light pink, fine grained, strongly magnetic moderately foliated, Random 1cm wide wormy quartz fsp veins. Trace amount of pyrite. Magnetite fomrs as fine grained dissmeinations and as blebs '0.3cm. Folding noted in structure tab. contacts are gradational. In generall the texture granular although folding is noted in places, below noted folding is chaotic interference patterns (tight crenulation, irregular looking)

**MINOR INTERVAL**
78.50 - 78.95: V8xtSmall quartz eyes. Stronly magnetic. pink from hematitie

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
60.92, 79.00, HEM+, PEN, MOD, PNK2_BASIC, FGR, -, Light pink colour

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
71.52, 72.48, FAX, STRONG, 40.00, -, -, -, two low angle fold noses which appear to have fold planes at about 40 degrees.
72.48, 73.00, CRN, STRONG, -, -, -, -, Chaotic unit, irregular

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109534 | 61.5 | 63.0 | 1.5 | 0.040 | | | | 2.80 |
| CAOND109535 | 63.0 | 64.5 | 1.5 | 0.051 | | | | 2.75 |
| CAOND109536 | 64.5 | 66.0 | 1.5 | 0.011 | | | | 2.81 |
| CAOND109537 | 66.0 | 67.5 | 1.5 | 0.019 | | | | |
| CAOND109538 | 67.5 | 69.0 | 1.5 | 0.033 | | | | |
| CAOND109539 | 69.0 | 70.5 | 1.5 | 0.018 | | | | |
| CAOND109540 | 70.5 | 72.0 | 1.5 | 0.031 | | | | |
| CAOND109541 | 72.0 | 73.5 | 1.5 | 0.045 | | | | |
| CAOND109542 | 73.5 | 75.0 | 1.5 | 0.005 | | | | |
| CAOND109543 | 75.0 | 76.0 | 1.0 | 0.007 | | | | |
| CAOND109544 | 76.0 | 77.5 | 1.5 | 0.018 | | | | |
| CAOND109546 | 77.5 | 79.0 | 1.5 | 0.036 | | | | |

**Hole number:** KLUC18-496

75.42, 75.79, FAL, -, -, -, -, -, Healed fault.
78.50, 78.95, FOL, STRONG, 30.00, -, -, -, Almost appears mylontic
78.95, 79.00, SCH, WEAK, 30.00, -, -, -, stretched clast along folation startinhg to get strong schistose fabric but can see relic lapilli clasts

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
60.92, 79.00, MAG, DIS, 1.00, RED_00001, FGR, Range from weakly to strongly magnetic. Fault zones are not magnetic

**Major:** **From:** 79.00 **To:** 92.20 V8tl, Trachytic lapilli tuff

Protomylonitc porphyroclasts becoming wispy and irregular (S4 deformation???) Light brown white, irregular stretched clasts rimmed with chlorite and fine grained pyrite. Fragment dominated with whisps of dark material + pyrite forming what is thought to be matrix. Unit is Non-magnetic. 5% sulphide. Weak patchy magnetite toward lower contact unit gradationally gets more magnetic but still weak. Unit has a dominate foliation. Gradtional increases in hematite at lower contact

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
79.00, 92.20, PYR, PAT, 5.00, -, FGR, Very fine grained blotches of py which forms in quartz clotts
92.00, 92.20, PYR, SEL, .10, -, FGR, Form with mafic mineral chlorite

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
79.00, 83.50, SER+, PEN, STRONG, GRN2_BASIC, FGR, -, Light green grey rock
83.50, 92.20, HEM+, PEN, MOD, PNK2_BASIC, FGR, -, -

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
79.00, 92.20, SCH, WEAK, 30.00, -, -, -, stretched clast along folation startinhg to get strong schistose fabric but can see relic lapilli clasts

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
86.12, 92.20, MAG, DIS, 3.00, RED_00001, FGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109547 | 79.0 | 80.5 | 1.5 | 0.242 | | | | |
| CAOND109548 | 80.5 | 82.0 | 1.5 | 0.409 | | | | |
| CAOND109549 | 82.0 | 83.5 | 1.5 | 0.050 | | | | |
| CAOND109551 | 83.5 | 85.0 | 1.5 | 0.020 | | | | |
| CAOND109552 | 85.0 | 86.5 | 1.5 | 0.094 | | | | |
| CAOND109553 | 86.5 | 88.0 | 1.5 | 0.025 | | | | |
| CAOND109554 | 88.0 | 89.5 | 1.5 | 0.070 | | | | |
| CAOND109555 | 89.5 | 91.0 | 1.5 | 0.149 | | | | |
| CAOND109556 | 91.0 | 92.5 | 1.5 | 0.090 | | | | |

**Major:** **From:** 92.20 **To:** 96.00 V8, Trachyte

Sericite- feldpar- schist - Light pink rock, fine grained strongly folated, uniform looking with isolated faults and folds. Stongly magnetic

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
92.20, 96.00, PYR, SEL, .10, -, FGR, Form with mafic mineral chlorite

**ALTERATION**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109557 | 92.5 | 93.5 | 1.0 | 0.039 | | | | |
| CAOND109558 | 93.5 | 94.5 | 1.0 | 0.095 | | | | |
| CAOND109559 | 94.5 | 96.0 | 1.6 | 0.110 | | | | |

**Hole number:** KLUC18-496

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
92.20, 94.00, HEM+, PEN, MOD, PNK2_BASIC, FGR, -, -
94.00, 96.00, SER+, PEN, MOD, GRN2_BASIC, FGR, -, -

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
92.20, 96.00, FOL, STRONG, 20.00, -, -, -, Fine grained (grain size reductionÉÉÉ), regular strong folation with millimeter scale laminations

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
92.20, 93.35, MAG, DIS, 3.00, RED_00001, FGR, -

**Major:** **From:** 96.00 **To:** 119.48 V8tl, Trachytic lapilli tuff

Protomylonitic sericit-feldspar-quartz schist. (S2???) LIght brownish white, Chaotic, whispy, irregular interference patterns, non magnetic, silicous, glassy aphantic looking, fine grained pyrite form with mafic minerals. Upper contact is strongly foliated and increased fracture infilling for about 2m. Possible V8TL although rock is unrecognizable. Shear zone (intense deformation)

**TEXTURE**
TYPE/COLOR/GRAIN_SIZE/COMMENTS
105.00, 117.00, CAO, -, FGR, white bleached unit with flat lying core angles. Rock looks irregular and variable core angles

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
96.00, 100.75, PYR, SEL, .10, -, FGR, Form with mafic mineral chlorite
100.75, 117.81, PYR, SEL, .50, -, FGR, Formed with chlorite and sericite

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
96.00, 100.77, SER+, PEN, MOD, GRN2_BASIC, FGR, -, -
96.00, 119.48, DOL+, PEN, STRONG, GRY_00025, FGR, -, Rock almost appears cherty. Does not fiz and stain
100.77, 105.40, HEM+, PEN, STRONG, PNK2_BASIC, FGR, -, -

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
96.00, 100.75, FOL, STRONG, 20.00, -, -, -, Fine grained (grain size reductionÉÉÉ), regular strong folation with millimeter scale laminations
96.00, 119.48, DFZ, STRONG, -, -, -, -, Variable core angles, chaotic looking. Odd interference patterns.
96.17, 96.33, FAL, STRONG, 40.00, -, -, -, healed fault zone. wallrock curved at fault boundary. Psbl movement is dextal
96.86, 96.98, FAL, STRONG, 45.00, -, -, -, Healed fault, wall rock wraps into fault

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109561 | 96.0 | 97.5 | 1.5 | 0.050 | | | | |
| CAOND109562 | 97.5 | 99.0 | 1.5 | 0.381 | | | | |
| CAOND109563 | 99.0 | 100.5 | 1.5 | 0.129 | | | | |
| CAOND109564 | 100.5 | 102.0 | 1.5 | 0.199 | | | | |
| CAOND109565 | 102.0 | 103.5 | 1.5 | 0.173 | | | | |
| CAOND109566 | 103.5 | 105.0 | 1.5 | 0.178 | | | | |
| CAOND109567 | 105.0 | 106.5 | 1.5 | 0.113 | | | | |
| CAOND109568 | 106.5 | 108.0 | 1.5 | 0.039 | | | | |
| CAOND109569 | 108.0 | 109.5 | 1.5 | 0.077 | | | | |
| CAOND109571 | 109.5 | 111.0 | 1.5 | 0.117 | | | | |
| CAOND109572 | 111.0 | 112.5 | 1.5 | 0.135 | | | | |
| CAOND109573 | 112.5 | 114.0 | 1.5 | 0.185 | | | | |
| CAOND109574 | 114.0 | 115.5 | 1.5 | 0.362 | | | | 2.83 |
| CAOND109576 | 115.5 | 117.0 | 1.5 | 0.127 | | | | 2.84 |
| CAOND109577 | 117.0 | 118.5 | 1.5 | 0.200 | | | | 2.85 |
| CAOND109578 | 118.5 | 119.5 | 1.0 | 0.125 | | | | 2.88 |

**Hole number:** KLUC18-496

102.40, 102.50, FZN, STRONG, 20.00, -, -, -, Chaotic unit thought to be V4TL. Irregular fabrics and irregular interferance patterns. non magnetic and silicous

**Major:** **From:** 119.48 **To:** 130.00 V8tl, Trachytic lapilli tuff

Protomylonite sercite-quartz-feldspar schist. Light green grey, Medium to CG, non magnetic, strongly foliated, protomylontic, clasts are stretched alonog foliation very fine grained dusting of pyrite.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

119.48, 130.00, SER+, WIS, STRONG, GRN2_BASIC, FGR, -, -

129.30, 130.00, STI+, PEN, MOD, BRW2_BASIC, FGR, -, light beige brown discolouration of rock, unknown alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

119.48, 130.00, FOL, MOD, 30.00, -, -, -, protomylonite

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109579 | 119.5 | 121.0 | 1.5 | 0.169 | | | | 2.80 |
| CAOND109581 | 121.0 | 122.5 | 1.5 | 0.043 | | | | |
| CAOND109582 | 122.5 | 124.0 | 1.5 | 0.141 | | | | |
| CAOND109583 | 124.0 | 125.5 | 1.5 | 0.128 | | | | |
| CAOND109584 | 125.5 | 126.8 | 1.3 | 0.254 | | | | |
| CAOND109585 | 126.8 | 128.2 | 1.4 | 0.309 | | | | |
| CAOND109586 | 128.2 | 129.3 | 1.1 | 0.575 | | | | |
| CAOND109587 | 129.3 | 130.0 | 0.7 | 0.388 | | | | |

**Major:** **From:** 130.00 **To:** 134.00 V8, Trachyte

Brittle fault zone, unit appears mylontic, grain size reduction. Probalby same unit as above but more deformation Light pink, fine grained, strongly magnetic, fine grained disseminated pyrite. Brecciation and fault noted in structure tab

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

130.00, 133.30, STI+, PEN, MOD, BRW2_BASIC, FGR, -, light beige brown discolouration of rock, unknown alteration

130.00, 133.17, HEM+, PEN, MOD, PNK2_BASIC, FGR, -, -

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

130.10, 130.30, BRC, MOD, 30.00, -, -, -, -

133.17, 134.00, FAL, STRONG, 30.00, -, -, -, gauge and healed fault. quartz fragments

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

130.00, 134.00, MAG, DIS, 3.00, RED_00001, FGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109588 | 130.0 | 131.5 | 1.5 | 0.081 | | | | |
| CAOND109589 | 131.5 | 132.5 | 1.0 | 0.694 | | | | |
| CAOND109591 | 132.5 | 134.0 | 1.5 | 0.105 | | | | |

**Major:** **From:** 134.00 **To:** 156.06 V8tl, Trachytic lapilli tuff

Sericite-dolmite-quartz-fedspar mylonite, (S2 and S4????) Chaotic, whispy, irregular interference patterns, non magnetic, silicous, glassy aphantic looking, fine grained pyrite form with mafic minerals. Upper contact is strongly foliated and increased fracture infilling for about 2m. Dismembered irregular Quartz/feldspar veins. Possible V8TL although rock is unrecognizable. Shear zone (intense deformation) Possible dolmite alteration. rock does not fizz.

**MINERALIZATION**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109592 | 134.0 | 135.5 | 1.5 | 0.037 | | | | |
| CAOND109593 | 135.5 | 137.0 | 1.5 | 0.075 | | | | |
| CAOND109594 | 137.0 | 138.5 | 1.5 | 0.120 | | | | |
| CAOND109595 | 138.5 | 140.0 | 1.5 | 0.111 | | | | |

**Hole number:** KLUC18-496

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
134.00, 156.06, PYR, WIS, 1.00, -, FGR, Wisps of pyrite

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
134.00, 156.06, DOL+, PEN, STRONG, GRY_00025, FGR, -, Rock almost appears cherty, does not fiz and no stain. Brown alteration unknown
134.00, 156.06, DOL+, PEN, STRONG, GRY_00025, FGR, -, Rock is hard and smooth, does not fiz or stain. Thougth to be dolomite

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
134.00, 156.00, DFZ, STRONG, -, -, -, -, Variable core angles, chaotic looking. Odd interference patterns.
146.20, 146.40, FAL, MOD, 40.00, -, -, -, minor fault gauge of fracture surfaces

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109596 | 140.0 | 141.5 | 1.5 | 0.114 | | | | |
| CAOND109597 | 141.5 | 143.0 | 1.5 | 0.103 | | | | |
| CAOND109598 | 143.0 | 144.5 | 1.5 | 0.422 | | | | |
| CAOND109599 | 144.5 | 146.0 | 1.5 | 0.990 | | | | |
| CAOND109601 | 146.0 | 147.5 | 1.5 | 1.695 | | | | |
| CAOND109602 | 147.5 | 149.0 | 1.5 | 2.090 | | | | 2.83 |
| CAOND109603 | 149.0 | 150.5 | 1.5 | 1.040 | | | | 2.86 |
| CAOND109604 | 150.5 | 152.0 | 1.5 | 1.010 | | | | 2.82 |
| CAOND109605 | 152.0 | 153.5 | 1.5 | 1.165 | | | | 2.82 |
| CAOND109606 | 153.5 | 155.0 | 1.5 | 0.971 | | | | 2.82 |
| CAOND109607 | 155.0 | 156.1 | 1.1 | 0.667 | | | | 2.88 |

**Major:** **From:** 156.06 **To:** 160.00 V8tl, Trachytic lapilli tuff

Sericite-dolomite-feldspar schist, S2???? Light grey aphantic matrix minor feldspar eyes stretched along foliation. Moderate to strong folation. Non magnetic. Tr disseminated pyrite, strong sericite alteration

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
156.06, 156.60, DOL+, PEN, STRONG, GRY_00025, FGR, -, Rock is hard and smooth, does not fiz or stain. Thougth to be dolomite

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109608 | 156.1 | 157.8 | 1.7 | 0.895 | | | | 2.62 |
| CAOND109609 | 157.8 | 159.0 | 1.2 | 0.283 | | | | 2.88 |
| CAOND109610 | 159.0 | 160.0 | 1.0 | 0.388 | | | | 2.91 |

**Major:** **From:** 160.00 **To:** 168.30 I2Dmt, Syenite Mafic Trachytic

Chlorite-epidote-sericite quartz shist (S2 and S4???) Dark grey, weakly foliated, Irregular worm like bullish quartz veins (Narrow), strongly magnetic, dark green grey alteration (looks like epidote) forms as wisps. low angle quartz/feldspar stringers with are folded in general the stringers form at low angles to core and the axial plan forms at 40 degreesIrregular healed brittle fractures (infilled with quartz plagioclase

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
166.00, 167.00, QTZ, 30.00, 10.00, -, -, -, GRY_00025, .50, ANA, -, -, Folded worm like veins crenulated in places.
167.15, 167.50, QTZ, 100.00, 60.00, -, -, -, GRY_00025, 15.00, -, -, -, quartz and felsdapar vein. Bullish

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109611 | 160.0 | 161.5 | 1.5 | 0.038 | | | | 2.86 |
| CAOND109612 | 161.5 | 163.0 | 1.5 | 0.006 | | | | 2.87 |
| CAOND109613 | 163.0 | 164.5 | 1.5 | 0.003 | | | | 2.87 |
| CAOND109614 | 164.5 | 166.0 | 1.5 | 0.020 | | | | 2.82 |
| CAOND109616 | 166.0 | 167.2 | 1.2 | 0.013 | | | | 2.85 |
| CAOND109617 | 167.2 | 168.3 | 1.2 | 0.006 | | | | 2.82 |

**Major:** **From:** 168.30 **To:** 171.35 I2D, Syénite

Pink, medium grainded, non magnetic, weakly foliatied, no sulphides, sharp contacts at 30 degrees. Hematite alteration. Minor interstial quartz thought to be dismembered stringers.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109618 | 168.3 | 169.6 | 1.3 | 0.677 | | | | 2.75 |
| CAOND109619 | 169.6 | 170.7 | 1.1 | 0.426 | | | | 2.75 |

**Hole number:** KLUC18-496

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109634 | 170.7 | 171.4 | 0.7 | 0.300 | | | | 2.72 |

**Major:** **From:** 171.35 **To:** 180.50 V8m, Trachyte mafic

Chlorite-sercite-quartz-feldspar schist. (unsure of event stringers are folded and dismembered). Zone rock Dark grey to brown black, mg grained, strongly magnetic, moderately foliated, intense wormy quartz and feldspar veins which form along folation. thin wispy irregular chaotic veining thought to be early set of quartz veins, boudinage. fine grained pyrite associted with mafic minerals from 3-5%

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

171.35, 180.50, PYR, DIS, 3.00, -, FGR, -

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

171.35, 180.50, SER+, SEL, WEAK, GRN2_BASIC, FGR, -, -

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

171.35, 180.50, FOL, MOD, 35.00, -, -, -, -

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

171.35, 180.50, PLC, 5.00, -, -, -, -, GRY_00025, 1.00, CAO, PYR, 2.00, Irregular thin stringers which are wormy and chaotic looking

174.85, 175.00, QTZ, 5.00, 10.00, -, -, -, PNK2_BASIC, 1.50, ANA, -, -, Quartz vein forms at oblique angle to dominate foliation. Vein consists of quartz and felsdspar. Looks dry

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

171.35, 180.50, MAG, DIS, 5.00, RED_00001, MGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109621 | 171.4 | 172.5 | 1.2 | 0.014 | | | | 2.90 |
| CAOND109622 | 172.5 | 174.0 | 1.5 | 0.046 | | | | 2.86 |
| CAOND109623 | 174.0 | 175.5 | 1.5 | 0.056 | | | | 2.88 |
| CAOND109624 | 175.5 | 177.0 | 1.5 | 0.466 | | | | 2.41 |
| CAOND109626 | 177.0 | 178.5 | 1.5 | 2.110 | | | | 2.86 |
| CAOND109627 | 178.5 | 179.3 | 0.8 | 1.085 | | | | 2.87 |
| CAOND109628 | 179.3 | 180.5 | 1.2 | 0.199 | | | | 2.84 |

**Major:** **From:** 180.50 **To:** 184.60 I2Dmt, Syenite Mafic Trachytic

Medium grained moderately foliated dark grey and white. uniform rock, Strongly magnetic, trace amount of sulphides. Minor isolated quartz feldspar veins.

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

180.50, 184.60, MAG, DIS, 5.00, RED_00001, MGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109629 | 180.5 | 182.0 | 1.5 | 0.151 | | | | 2.81 |
| CAOND109631 | 182.0 | 183.5 | 1.5 | 0.087 | | | | 2.86 |
| CAOND109632 | 183.5 | 184.7 | 1.2 | 0.200 | | | | 2.86 |

**Major:** **From:** 184.60 **To:** 185.22 V8, Trachyte

LIght pink and white, possible albite alteration, non magnetic, Hematite alteration,Ribbons of sulphide rich mafic bands alternating with quartz feldspar bands. Unit looks bleached or albitized. Foliation at 20,

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109633 | 184.7 | 185.2 | 0.6 | 0.395 | | | | 2.78 |

**Hole number:** KLUC18-496

upper contact is sharp at 30 and lower contact is gradational

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

184.65, 185.00, PYR, DIS, 5.00, -, VFG, Forms with mafic minerals.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

184.65, 185.22, HEM+, SEL, MOD, PNK2_BASIC, FGR, -, Alteration of felsic minerals

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

184.60, 185.22, MAG, DIS, 5.00, RED_00001, MGR, -

**Major:** **From:** 185.22 **To:** 204.33 V8mt, Trachyte mafic tuff

tourmaline?-chlorite-sercite-plagioclase schist (S1 or S2?) Medium grained moderately foliated dark grey and white. uniform rock, Strongly magnetic, trace amount of sulphides. Minor isolated quartz feldspar veins. Increased grain size towards lower contact. Sharp irregular contact with syenite. 200.80 to 201.90m fold

**TEXTURE**

TYPE/COLOR/GRAIN_SIZE/COMMENTS

203.60, 204.33, GAN, -, CGR, clots of plag increase to 0.5cm

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

185.22, 202.60, FOL, MOD, 40.00, -, -, -, alignment of white plag crystals and mafic minerals

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

196.38, 197.00, QTZ, 1.00, 40.00, -, -, -, GRY_00025, .30, -, -, -, Wavy crenulated veins, several sets of vein, all appear deformed

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

185.22, 204.33, MAG, DIS, 5.00, RED_00001, MGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109635 | 185.2 | 186.4 | 1.2 | 0.042 | | | | 2.83 |
| CAOND109636 | 186.4 | 188.0 | 1.6 | 0.059 | | | | 2.47 |
| CAOND109637 | 188.0 | 189.5 | 1.5 | 0.003 | | | | 2.80 |
| CAOND109638 | 189.5 | 191.0 | 1.5 | 0.006 | | | | 2.80 |
| CAOND109639 | 191.0 | 192.5 | 1.5 | 0.010 | | | | 2.79 |
| CAOND109640 | 192.5 | 194.0 | 1.5 | 0.021 | | | | 2.83 |
| CAOND109641 | 194.0 | 195.5 | 1.5 | 0.011 | | | | 2.80 |
| CAOND109642 | 195.5 | 196.4 | 0.9 | 0.006 | | | | 2.80 |
| CAOND109643 | 196.4 | 197.0 | 0.6 | 0.006 | | | | 2.78 |
| CAOND109644 | 197.0 | 198.5 | 1.5 | 0.050 | | | | 2.80 |
| CAOND109646 | 198.5 | 200.0 | 1.5 | 0.195 | | | | 2.79 |
| CAOND109692 | 200.0 | 201.5 | 1.5 | 0.011 | | | | 2.81 |
| CAOND109647 | 201.5 | 203.0 | 1.5 | 0.009 | | | | 4.67 |
| CAOND109648 | 203.0 | 204.3 | 1.3 | 0.010 | | | | 4.70 |

**Major:** **From:** 204.33 **To:** 210.45 V8mt, Trachyte mafic tuff

Magnetite-chlorite-sericite-feldspar- quartz schist. (S2 and S4?) Black and white, strongly foliated at 45 but flatting in fold nose. White clasts are elongated along the foliation. Strongly magnetic. Grades from strongly hematite sericite and chlorite alteration. Foliation is flat, when it gets into fold nose for ~1.5m then goes back to 45 degrees. Trace sulphides. 206.50-207m Segments appear to be pegmatitic (quartz, feldspar plag), sheared pegmatite. Mafic dike also noted in minor.

**MINOR INTERVAL**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109649 | 204.3 | 205.8 | 1.5 | 0.007 | | | | 2.74 |
| CAOND109651 | 205.8 | 207.1 | 1.3 | 0.045 | | | | 2.88 |
| CAOND109652 | 207.1 | 208.1 | 1.0 | 0.019 | | | | 2.82 |
| CAOND109653 | 208.1 | 209.4 | 1.3 | 0.114 | | | | 2.79 |

**Hole number:** KLUC18-496

207.80 - 208.12: Mamfine grained black massive pitted non magnetic mafic dyke. Sharp contacts at 45 and 30. Calcite along fractures.

**TEXTURE**
TYPE/COLOR/GRAIN_SIZE/COMMENTS
206.24, 207.10, PEG, -, CGR, Strongly sheared pegmatite. Areas appear mylontic, Minor amounts of plag and quartz are preserve. Rock has a cherty appearance.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
204.33, 205.25, HEM+, PEN, STRONG, PNK2_BASIC, FGR, -, Alteration is distroying the texture of rock. Foliation is hard to see but a low core angels. Possible fold nose.

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
204.33, 205.75, FOL, MOD, 10.00, -, -, -, rock is strongly hematitzed and has low core angles.
206.24, 207.10, FOL, STRONG, 40.00, -, -, -, patches of mylonite giving rock a ribbony appearance. Grain size reduction.

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
204.33, 210.45, MAG, DIS, 5.00, RED_00001, MGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109654 | 209.4 | 210.5 | 1.1 | 0.129 | | | | 2.77 |

**Major:** **From:** 210.45 **To:** 212.11 VN, Veine

Sheared pegmatitic looking unit. Feldspar-plagiolcase-quartz, irregular sheared pegmatite. Intermixed with V8t. Unit is Chaotic. no visible sulphide

**TEXTURE**
TYPE/COLOR/GRAIN_SIZE/COMMENTS
210.45, 211.11, PEG, -, CGR, Quartz feldspar plag, deformed peg xtls are melding together in clots. Sharp contacts with surrounding rock at 40

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
210.45, 211.11, QTZ, 80.00, 40.00, -, -, -, PNK2_BASIC, 45.00, SHR, -, -, Quartz and feldspar vein(psbl sheared pegmatite), does not fiz. PInk and white. Majorit of vein is feldspar with subordinate feldspar and quartz

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
210.45, 212.11, MAG, DIS, 5.00, RED_00001, MGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109655 | 210.5 | 211.1 | 0.7 | 0.016 | | | | 2.70 |
| CAOND109656 | 211.1 | 212.1 | 1.0 | 0.038 | | | | 2.79 |

## Hole number: KLUC18-496

**Major:** **From:** 212.11 **To:** 218.95 V8mtl, Trachyte mafic tuff lapilli

Calcite-hematite-magntite-amphibole schist. S4 Dark black fine grained matrix (chlorite + amphibole), clasts are pink and contain carbonate+hematite, clasts are wispy wavy and irregular. Strongly magnetic. Strong fabric but shows chaotic interference patterns.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

212.11, 218.95, CAL+, SEL, STRONG, PNK2_BASIC, FGR, -, Formed in pink fragments which have been deforemed

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

212.11, 218.95, SCH, STRONG, 35.00, -, -, -, chaotic, irregular interference patterns of clasts.

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

212.11, 218.95, MAG, DIS, 5.00, RED_00001, MGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109657 | 212.1 | 213.5 | 1.4 | 0.020 | | | | 2.73 |
| CAOND109658 | 213.5 | 215.0 | 1.5 | 0.179 | | | | 2.78 |
| CAOND109659 | 215.0 | 216.5 | 1.5 | 0.011 | | | | 2.69 |
| CAOND109661 | 216.5 | 218.0 | 1.5 | 0.006 | | | | 2.68 |
| CAOND109662 | 218.0 | 219.0 | 1.0 | 0.012 | | | | 2.75 |

**Major:** **From:** 218.95 **To:** 220.17 I2D, Syénite

Dark pink, grain reduction, canèt make out phenocyrsts. Rock is generally massive. Mg cubic pyrite.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

218.95, 220.17, PYR, EUH, 1.00, -, MGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109663 | 219.0 | 220.2 | 1.2 | 0.019 | | | | 2.76 |

**Major:** **From:** 220.17 **To:** 223.55 V8mtl, Trachyte mafic tuff lapilli

Calcite-hematite-magntite-amphibole schist. S4 Dark black fine grained matrix (chlorite + amphibole), clasts are pink and contain carbonate+hematite, clasts are wispy wavy and irregular. Strongly magnetic. Strong fabric but shows chaotic interference patterns. Tr pyrite. sharp lower contact

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

220.17, 221.17, PYR, EUH, 1.00, -, MGR, -

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

221.17, 223.55, SCH, MOD, 50.00, -, -, -, Sheared wispy fragments. places the fragments look folded.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109664 | 220.2 | 221.8 | 1.6 | 0.014 | | | | 2.87 |
| CAOND109665 | 221.8 | 222.7 | 1.0 | 0.003 | | | | 2.71 |
| CAOND109666 | 222.7 | 223.6 | 0.8 | 0.007 | | | | 2.82 |

**Major:** **From:** 223.55 **To:** 224.25 V8t, Trachytic tuff

Light grey, strongly magnetic, moderately foliated, granular, sharp contacts at 40 degrees. laminated with alternating bands of felsics and mafics.

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

223.55, 224.25, FOL, STRONG, 45.00, -, -, -, Alternating layers of mafic and felsics.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109667 | 223.6 | 224.3 | 0.7 | 0.003 | | | | 2.75 |

**Hole number:** KLUC18-496

223.55, 224.25, SCH, MOD, 40.00, -, -, -, Wormy interference patterns, fragments are stretched and folded.

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
223.55, 224.25, MAG, DIS, 3.00, RED_00001, FGR, -

**Major:** **From:** 224.25 **To:** 249.90 V8mtl, Trachyte mafic tuff lapilli

Dark black strongly magnetic fine grained matrix with white elongated felsic fragments, strong foliation. In general unit has isolated quartz veins which are wormy and sheared, patchy areas of strong quartz veining noted in vein tab. Schistose unit. Unit does not fizz or dye blue.

**MINOR INTERVAL**
232.34 - 236.00: I2DmMafic Syenite or Trachyte flow. Black and light pink, strongly magnetic, gradational upper contact with brecciation, gradation lower contact . Weakly foliated, mg grained.

**MINOR INTERVAL**
245.30 - 245.55: V8mPorphFine grained dark matrix with coarser grained white crystals(clasts), Sharp lower contact at 30 degrees.

**TEXTURE**
TYPE/COLOR/GRAIN_SIZE/COMMENTS
225.30, 226.25, GAN, -, FGR, Grainsize reduction. Possibly different unit.

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
224.25, 232.34, SCH, MOD, 40.00, -, -, -, Wormy interference patterns, fragments are stretched and folded.
232.34, 232.44, BRC, WEAK, 40.00, -, -, -, angular large fragments with calcite matrix.
236.00, 249.90, SCH, MOD, 30.00, -, -, -, Wormy interference patterns, fragments are stretched and folded.

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
237.65, 239.85, QTZ, 10.00, 30.00, -, -, -, GRY_00025, .30, CAO, -, -, Chaotic, wormy like, discontinous quartz veins.
246.10, 249.90, QTZ, 5.00, 30.00, -, -, -, GRY_00025, .10, CAO, -, -, Irregular quartz veins worm like.

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
224.25, 249.90, MAG, DIS, 3.00, RED_00001, FGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109668 | 224.3 | 225.7 | 1.5 | 0.003 | | | | 2.79 |
| CAOND109669 | 225.7 | 226.5 | 0.8 | 0.049 | | | | 2.81 |
| CAOND109671 | 226.5 | 228.0 | 1.5 | 0.016 | | | | 2.85 |
| CAOND109672 | 228.0 | 229.5 | 1.5 | 0.031 | | | | 2.84 |
| CAOND109673 | 229.5 | 231.0 | 1.5 | 0.008 | | | | 2.89 |
| CAOND109674 | 231.0 | 232.5 | 1.5 | 0.007 | | | | 2.86 |
| CAOND109676 | 232.5 | 234.0 | 1.5 | 0.006 | | | | 2.76 |
| CAOND109677 | 234.0 | 235.5 | 1.5 | 0.008 | | | | 2.75 |
| CAOND109678 | 235.5 | 237.0 | 1.5 | 0.075 | | | | 2.85 |
| CAOND109679 | 237.0 | 238.5 | 1.5 | 0.023 | | | | 2.81 |
| CAOND109681 | 238.5 | 240.0 | 1.5 | 0.039 | | | | 2.83 |
| CAOND109682 | 240.0 | 241.5 | 1.5 | 0.006 | | | | 2.82 |
| CAOND109683 | 241.5 | 243.0 | 1.5 | 0.008 | | | | 2.80 |
| CAOND109684 | 243.0 | 244.5 | 1.5 | 0.003 | | | | 2.86 |
| CAOND109685 | 244.5 | 246.0 | 1.5 | 0.003 | | | | 2.83 |
| CAOND109686 | 246.0 | 247.5 | 1.5 | 0.026 | | | | 2.84 |
| CAOND109687 | 247.5 | 249.0 | 1.5 | 0.017 | | | | 2.82 |
| CAOND109688 | 249.0 | 249.9 | 0.9 | 0.027 | | | | 2.84 |

## Hole number: KLUC18-496

**Major:** **From:** 249.90 **To:** 254.20 S3, GRAUWACKE

Light grey, non magnetic, trace sulphides, Strongly sheared, moderate sercite, wormy irregular thin quartz veins (intense). Sharp uct at 35 and gradational LCT.

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
249.90, 251.58, SCH, MOD, 10.00, -, -, -, Folded quartz veins giving chaotic appearance

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS
249.90, 250.00, QTZ, 5.00, 30.00, -, -, -, GRY_00025, .10, CAO, -, -, Irregular quartz veins worm like.

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
249.90, 251.58, MAG, DIS, 3.00, RED_00001, FGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109689 | 249.9 | 251.6 | 1.7 | 0.049 | | | | 2.86 |
| CAOND109691 | 251.6 | 253.0 | 1.4 | 0.078 | | | | 2.83 |
| CAOND109693 | 253.0 | 254.2 | 1.2 | 0.074 | | | | 2.81 |

**Major:** **From:** 254.20 **To:** 255.07 V8mt, Trachyte mafic tuff

LIght green grey, strongly magnetic, strong fabric @40 degrees, strong sercite with chlroite. Fine grined disseminated pyrite. Sharp lower contace twith Porphyry @45.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109694 | 254.2 | 255.1 | 0.9 | 0.006 | | | | 2.75 |

**Major:** **From:** 255.07 **To:** 256.10 V8mPorph, Trachyte mafic porphyrytic

Fine grained dark grey black matrix, with 0.3-1cm, weakly foliated to massive. Sharp upper contact at 40 degrees andsharp lower contact at 60.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
256.05, 256.10, CAL+, SEL, STRONG, PNK2_BASIC, FGR, -, Form in pink strained clots (possible fragments), with hematite

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
256.05, 256.10, CRN, MOD, 35.00, -, -, -, Calcite and hematite stringers are strongly crenulated giving irregular interference patterns.

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
256.05, 256.10, MAG, DIS, 3.00, RED_00001, FGR, strongly magnetic rocks

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109695 | 255.1 | 256.0 | 0.9 | 0.006 | | | | 2.87 |
| CAOND109696 | 256.0 | 257.5 | 1.5 | 0.012 | | | | 2.83 |

**Major:** **From:** 256.10 **To:** 271.40 V8mt, Trachyte mafic tuff

Fine grained to medium grained, Dark black ground mass which is magnetic, light pink calcite + hematite clots. Clots are wispy and crenulated. Two fabrics seen clots are crenulated. Trace sulphides. Strongly magnetic.

**ALTERATION**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109697 | 257.5 | 259.0 | 1.5 | 0.007 | | | | 2.78 |
| CAOND109698 | 259.0 | 260.5 | 1.5 | 0.009 | | | | 2.74 |
| CAOND109699 | 260.5 | 262.0 | 1.5 | 0.007 | | | | 2.82 |

**Hole number:** KLUC18-496

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
256.10, 271.40, CAL+, SEL, STRONG, PNK2_BASIC, FGR, -, Form in pink strained clots (possible fragments), with hematite

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
256.10, 271.40, CRN, MOD, 35.00, -, -, -, Calcite and hematite stringers are strongly crenulated giving irregular interference patterns.
270.00, 270.65, OFL, -, 10.00, -, -, -, Possible m-fold.

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
256.10, 271.40, MAG, DIS, 3.00, RED_00001, FGR, strongly magnetic rocks

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109701 | 262.0 | 263.6 | 1.6 | 0.009 | | | | 2.80 |
| CAOND109702 | 263.6 | 265.0 | 1.4 | 0.010 | | | | 2.81 |
| CAOND109703 | 265.0 | 266.5 | 1.5 | 0.016 | | | | 2.74 |
| CAOND109704 | 266.5 | 268.0 | 1.5 | 0.018 | | | | 2.78 |
| CAOND109705 | 268.0 | 269.5 | 1.5 | 0.018 | | | | 2.79 |
| CAOND109706 | 269.5 | 270.1 | 0.6 | 0.014 | | | | 2.74 |
| CAOND109707 | 270.1 | 271.1 | 1.0 | 0.014 | | | | 2.86 |
| CAOND109708 | 271.1 | 272.0 | 0.9 | 0.011 | | | | 2.80 |

**Major:** **From:** 271.40 **To:** 285.44 V8m, Trachyte mafic

(possible mafic syentite) Medium grainde black and light pink white rock, Strongly foliated, strongly magnetic, Interstital calcite+hematite forms through out rock. Appears to be replacing some kind of fragment or phenocryst. Trace very fine grained dusting of pyrite

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
271.40, 273.30, HEM+, PEN, STRONG, PNK2_BASIC, FGR, -, Majority of fabric is distroyed but can make out a foliation at 30

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
271.40, 273.30, CRN, MOD, 35.00, -, -, -, Calcite and hematite stringers are strongly crenulated giving irregular interference patterns.
273.30, 285.44, FOL, MOD, 30.00, -, -, -, weak crenulation seen

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
271.40, 285.44, MAG, DIS, 3.00, RED_00001, FGR, strongly magnetic rocks

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109709 | 272.0 | 273.3 | 1.3 | 0.010 | | | | 2.81 |
| CAOND109710 | 273.3 | 274.5 | 1.2 | 0.012 | | | | 2.77 |
| CAOND109711 | 274.5 | 276.0 | 1.5 | 0.010 | | | | 2.75 |
| CAOND109712 | 276.0 | 277.5 | 1.5 | 0.010 | | | | 2.75 |
| CAOND109713 | 277.5 | 279.0 | 1.5 | 0.008 | | | | 2.76 |
| CAOND109714 | 279.0 | 280.5 | 1.5 | 0.008 | | | | 2.77 |
| CAOND109716 | 280.5 | 282.0 | 1.5 | 0.007 | | | | 2.75 |
| CAOND109717 | 282.0 | 283.5 | 1.5 | 0.008 | | | | 2.73 |
| CAOND109718 | 283.5 | 285.0 | 1.5 | 0.009 | | | | 2.75 |
| CAOND109719 | 285.0 | 285.4 | 0.4 | 0.009 | | | | 2.84 |

**Major:** **From:** 285.44 **To:** 288.68 S3, GRAUWACKE

Light greenisht white, medium grained, non- magnetic, foliated at 20 degrees, No visible sulphides. Isolated pink clasts, 2cm wide. Upper contact is faulted and shows 3cm displacement. lower contact is sharp at 30 degreesn and appears to have chill margin.

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
285.44, 288.68, FOL, MOD, 20.00, -, -, -, thinly laminated. alternating felic and mafics.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109721 | 285.4 | 286.5 | 1.1 | 0.003 | | | | 2.82 |
| CAOND109722 | 286.5 | 288.0 | 1.5 | 0.003 | | | | 2.78 |
| CAOND109723 | 288.0 | 288.7 | 0.7 | 0.003 | | | | 2.73 |

## Hole number: KLUC18-496

**Major:** **From:** 288.68 **To:** 296.05 V8mt, Trachyte mafic tuff

(Possible mafic syenite) Dark black green and white rock, strongly magnetic, weakly foliated, calcite alteration selective in white flexs (replacement), foliation at 25.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

288.68, 296.05, CAL+, SEL, STRONG, GRY_00025, FGR, -, replacement of fragments or phenocyrsts

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

288.68, 296.05, FOL, WEAK, 25.00, -, -, -, -

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

288.68, 296.05, MAG, DIS, 5.00, RED_00001, FGR, disseminated magnetite in ground massive

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109724 | 288.7 | 290.0 | 1.3 | 0.024 | | | | 2.77 |
| CAOND109726 | 290.0 | 291.5 | 1.5 | 0.014 | | | | 2.75 |
| CAOND109727 | 291.5 | 293.0 | 1.5 | 0.013 | | | | 2.78 |
| CAOND109728 | 293.0 | 294.0 | 1.0 | 0.014 | | | | 2.76 |
| CAOND109729 | 294.0 | 295.0 | 1.0 | 0.013 | | | | 2.77 |
| CAOND109753 | 295.0 | 296.1 | 1.1 | 0.007 | | | | 2.80 |

**Major:** **From:** 296.05 **To:** 299.40 V8mtl, Trachyte mafic tuff lapilli

Fine grained to medium grained, Dark black ground mass which is magnetic, light pink calcite + hematite clots. Clots wavy and irregular, stretched along dominated fabric. 1% Pyrite disseminated in dark matrix with magnitite.

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

296.05, 299.40, FOL, WEAK, 25.00, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109731 | 296.1 | 297.0 | 1.0 | 0.010 | | | | 2.74 |
| CAOND109732 | 297.0 | 298.0 | 1.0 | 0.008 | | | | 2.89 |
| CAOND109733 | 298.0 | 299.4 | 1.4 | 0.016 | | | | 2.85 |

**Major:** **From:** 299.40 **To:** 309.53 V8mtl, Trachyte mafic tuff lapilli

Same as above unit but with no calcite and no hematite staining

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

299.40, 309.53, FOL, WEAK, 25.00, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109734 | 299.4 | 300.5 | 1.1 | 0.011 | | | | 2.88 |
| CAOND109735 | 300.5 | 302.0 | 1.5 | 0.012 | | | | 2.89 |
| CAOND109736 | 302.0 | 303.5 | 1.5 | 0.008 | | | | 2.88 |
| CAOND109737 | 303.5 | 305.0 | 1.5 | 0.007 | | | | 2.87 |
| CAOND109738 | 305.0 | 306.5 | 1.5 | 0.008 | | | | 2.84 |
| CAOND109739 | 306.5 | 308.0 | 1.5 | 0.015 | | | | 2.89 |
| CAOND109740 | 308.0 | 309.5 | 1.5 | 0.007 | | | | 2.82 |

**Major:** **From:** 309.53 **To:** 347.10 V8mtl, Trachyte mafic tuff lapilli

Fine grained to medium grained, Dark black ground mass which is magnetic, light pink calcite + Fragments (clots). Can start to make out distinct clasts which are elongated along foliation but subangular with some smearing.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

332.28, 333.92, PYR, EUH, 5.00, -, MGR, Bleached tuff contians increased sulphid. Increase in calcite

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109741 | 309.5 | 311.0 | 1.5 | 0.031 | | | | 2.85 |
| CAOND109742 | 311.0 | 312.5 | 1.5 | 0.016 | | | | 2.80 |
| CAOND109743 | 312.5 | 314.0 | 1.5 | 0.029 | | | | 2.80 |
| CAOND109744 | 314.0 | 315.5 | 1.5 | 0.240 | | | | 2.76 |
| CAOND109746 | 315.5 | 317.0 | 1.5 | 0.011 | | | | 2.74 |

**Hole number:** KLUC18-496

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
309.53, 347.10, CAL+, SEL, MOD, PNK2_BASIC, FGR, -, alteration with in fragments
309.53, 347.10, HEM+, SEL, MOD, PNK2_BASIC, FGR, -, Alteration with in fragments.

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
309.53, 309.55, FOL, WEAK, 25.00, -, -, -, -
309.55, 347.10, FOL, MOD, 40.00, -, -, -, Can start making out distinct clasts. less smearing.

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
309.53, 347.10, MAG, DIS, 5.00, RED_00001, FGR, Form in matrix of tuff

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109747 | 317.0 | 318.5 | 1.5 | 0.166 | | | | 2.81 |
| CAOND109748 | 318.5 | 320.0 | 1.5 | 0.352 | | | | 2.83 |
| CAOND109749 | 320.0 | 321.5 | 1.5 | 0.613 | | | | 2.79 |
| CAOND109751 | 321.5 | 323.0 | 1.5 | 0.421 | | | | |
| CAOND109752 | 323.0 | 324.6 | 1.6 | 0.174 | | | | 2.75 |
| CAOND109754 | 324.6 | 325.0 | 0.4 | 0.003 | | | | 2.77 |
| CAOND109755 | 325.0 | 326.5 | 1.5 | 0.011 | | | | 2.76 |
| CAOND109756 | 326.5 | 328.0 | 1.5 | 0.008 | | | | 2.74 |
| CAOND109757 | 328.0 | 329.5 | 1.5 | 0.108 | | | | 2.72 |
| CAOND109758 | 329.5 | 331.0 | 1.5 | 0.006 | | | | 2.77 |
| CAOND109759 | 331.0 | 332.3 | 1.3 | 0.013 | | | | 2.82 |
| CAOND109761 | 332.3 | 332.9 | 0.6 | 0.317 | | | | 2.82 |
| CAOND109762 | 332.9 | 334.0 | 1.1 | 0.013 | | | | 2.81 |
| CAOND109763 | 334.0 | 335.5 | 1.5 | 0.011 | | | | 2.74 |
| CAOND109764 | 335.5 | 337.0 | 1.5 | 0.031 | | | | 2.78 |
| CAOND109765 | 337.0 | 338.5 | 1.5 | 0.084 | | | | 2.80 |
| CAOND109766 | 338.5 | 340.0 | 1.5 | 0.045 | | | | 2.81 |
| CAOND109767 | 340.0 | 341.5 | 1.5 | 0.040 | | | | 2.79 |
| CAOND109768 | 341.5 | 343.0 | 1.5 | 0.017 | | | | 2.84 |
| CAOND109769 | 343.0 | 344.5 | 1.5 | 0.080 | | | | 2.80 |
| CAOND109771 | 344.5 | 346.0 | 1.5 | 0.010 | | | | 2.79 |
| CAOND109772 | 346.0 | 347.1 | 1.1 | 0.103 | | | | 2.86 |

**Major:** **From:** 347.10 **To:** 349.75 VN, Veine

Sheared Pegmatite and sheared tuff Coarse grained feldspar, plagiocase and minor quartz, cg, pink sharp contacts 30% peg between sheared tuffs.

**TEXTURE**
TYPE/COLOR/GRAIN_SIZE/COMMENTS
347.10, 348.70, PEG, -, CGR, PInk and white feldsar domante peg with subordinate quartz and plag

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109773 | 347.1 | 348.3 | 1.2 | 0.149 | | | | |
| CAOND109774 | 348.3 | 349.8 | 1.5 | 0.097 | | | | |

**Major:** **From:** 349.75 **To:** 352.50 I2D, Syénite

Dark brick red, fine grained, weakly magnetic, massive, trace disseminated sulphide. sharlp contacts at 40 and 35

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109776 | 349.8 | 351.2 | 1.4 | 0.037 | | | | |
| CAOND109777 | 351.2 | 352.5 | 1.4 | 0.435 | | | | |

## Hole number: KLUC18-496

**Major:** **From:** 352.50 **To:** 357.32 V8tl, Trachytic lapilli tuff

Light grey with minor hematite alteration of fragments. Strong calcite with in fragments. Moderately magnetic. weakly foliated at 35 degrees. Trace sulphids

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

352.50, 357.32, FOL, WEAK, 40.00, -, -, -, align of fragments

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

352.50, 357.32, MAG, DIS, 3.00, RED_00001, FGR, matrix of tuff

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109778 | 352.5 | 354.0 | 1.5 | 0.043 | | | | |
| CAOND109779 | 354.0 | 355.5 | 1.5 | 0.016 | | | | |
| CAOND109781 | 355.5 | 356.5 | 1.0 | 0.025 | | | | |
| CAOND109782 | 356.5 | 357.3 | 0.8 | 0.071 | | | | |

**Major:** **From:** 357.32 **To:** 360.00 S3, GRAUWACKE

light green grey non-magnetic, weakly folitated at 30 degrees. uniform in appearance. Very fine grained pyrite 0.5%, sharp upper contact at 40 degrees.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109783 | 357.3 | 358.6 | 1.3 | 0.013 | | | | |
| CAOND109784 | 358.6 | 360.0 | 1.4 | 0.020 | | | | |

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 20.2 | 21.0 | 50.00 | 100.00 | | | N | |
| 21.0 | 24.0 | 73.00 | 100.00 | | | N | |
| 24.0 | 27.0 | 0.00 | 100.00 | | | N | gauge- water seam |
| 27.0 | 30.0 | 83.00 | 100.00 | | | N | |
| 30.0 | 33.0 | 78.00 | 100.00 | | | N | |
| 33.0 | 36.0 | 43.00 | 100.00 | | | N | low angle fractures |
| 36.0 | 39.0 | 45.00 | 100.00 | | | N | low angle fractures |
| 39.0 | 42.0 | 53.00 | 100.00 | | | N | |
| 42.0 | 45.0 | 73.00 | 100.00 | | | N | low angle fractures |
| 45.0 | 48.0 | 70.00 | 100.00 | | | N | low angle fractures |
| 48.0 | 51.0 | 60.00 | 100.00 | | | N | |
| 51.0 | 54.0 | 57.00 | 100.00 | | | N | |
| 54.0 | 57.0 | 97.00 | 100.00 | | | N | |
| 57.0 | 60.0 | 92.00 | 100.00 | | | N | |
| 60.0 | 63.0 | 98.00 | 100.00 | | | N | |
| 63.0 | 66.0 | 100.00 | 100.00 | | | N | |
| 66.0 | 69.0 | 98.00 | 100.00 | | | N | |

**Hole number:** KLUC18-496

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 69.0 | 72.0 | 98.00 | 100.00 | | | N | |
| 72.0 | 75.0 | 68.00 | 100.00 | | | N | |
| 75.0 | 78.0 | 87.00 | 100.00 | | | N | |
| 78.0 | 81.0 | 67.00 | 100.00 | | | N | |
| 81.0 | 84.0 | 85.00 | 100.00 | | | N | |
| 84.0 | 87.0 | 98.00 | 100.00 | | | N | |
| 87.0 | 90.0 | 100.00 | 100.00 | | | N | |
| 90.0 | 93.0 | 93.00 | 100.00 | | | N | |
| 93.0 | 96.0 | 80.00 | 100.00 | | | N | |
| 96.0 | 98.0 | 98.00 | 100.00 | | | N | |
| 98.0 | 102.0 | 85.00 | 100.00 | | | N | |
| 102.0 | 105.0 | 85.00 | 100.00 | | | N | |
| 105.0 | 108.0 | 98.00 | 100.00 | | | N | |
| 108.0 | 111.0 | 95.00 | 100.00 | | | N | |
| 111.0 | 114.0 | 80.00 | 100.00 | | | N | |
| 114.0 | 117.0 | 100.00 | 100.00 | | | N | |
| 117.0 | 120.0 | 98.00 | 100.00 | | | N | |
| 120.0 | 123.0 | 92.00 | 100.00 | | | N | |
| 123.0 | 126.0 | 80.00 | 100.00 | | | N | |
| 126.0 | 129.0 | 62.00 | 100.00 | | | N | |
| 129.0 | 132.0 | 70.00 | 100.00 | | | N | |
| 132.0 | 135.0 | 42.00 | 100.00 | | | N | |
| 135.0 | 138.0 | 75.00 | 100.00 | | | N | |
| 138.0 | 141.0 | 100.00 | 100.00 | | | N | |
| 141.0 | 144.0 | 87.00 | 100.00 | | | N | |
| 144.0 | 147.0 | 70.00 | 100.00 | | | N | |
| 147.0 | 150.0 | 100.00 | 100.00 | | | N | |
| 150.0 | 153.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC18-496

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 153.0 | 156.0 | 100.00 | 100.00 | | | N | |
| 156.0 | 159.0 | 100.00 | 100.00 | | | N | |
| 159.0 | 162.0 | 97.00 | 100.00 | | | N | |
| 162.0 | 165.0 | 98.00 | 100.00 | | | N | |
| 165.0 | 168.0 | 100.00 | 100.00 | | | N | |
| 168.0 | 171.0 | 98.00 | 100.00 | | | N | |
| 171.0 | 174.0 | 98.00 | 100.00 | | | N | |
| 174.0 | 177.0 | 100.00 | 100.00 | | | N | |
| 177.0 | 180.0 | 100.00 | 100.00 | | | N | |
| 180.0 | 183.0 | 98.00 | 100.00 | | | N | |
| 183.0 | 186.0 | 100.00 | 100.00 | | | N | |
| 186.0 | 189.0 | 100.00 | 100.00 | | | N | |
| 189.0 | 192.0 | 98.00 | 100.00 | | | N | |
| 192.0 | 195.0 | 100.00 | 100.00 | | | N | |
| 195.0 | 198.0 | 98.00 | 100.00 | | | N | |
| 198.0 | 201.0 | 98.00 | 100.00 | | | N | |
| 201.0 | 204.0 | 95.00 | 100.00 | | | N | |
| 204.0 | 207.0 | 90.00 | 100.00 | | | N | |
| 207.0 | 210.0 | 82.00 | 100.00 | | | N | |
| 210.0 | 213.0 | 100.00 | 100.00 | | | N | |
| 213.0 | 216.0 | 100.00 | 100.00 | | | N | |
| 216.0 | 219.0 | 100.00 | 100.00 | | | N | |
| 219.0 | 222.0 | 98.00 | 100.00 | | | N | |
| 222.0 | 225.0 | 90.00 | 100.00 | | | N | |
| 225.0 | 228.0 | 100.00 | 100.00 | | | N | |
| 228.0 | 231.0 | 100.00 | 100.00 | | | N | |
| 231.0 | 234.0 | 98.00 | 100.00 | | | N | |
| 234.0 | 237.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC18-496

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 237.0 | 240.0 | 97.00 | 100.00 | | | N | |
| 240.0 | 243.0 | 95.00 | 100.00 | | | N | |
| 243.0 | 246.0 | 98.00 | 100.00 | | | N | |
| 246.0 | 249.0 | 98.00 | 100.00 | | | N | |
| 249.0 | 252.0 | 98.00 | 100.00 | | | N | |
| 252.0 | 255.0 | 100.00 | 100.00 | | | N | |
| 255.0 | 258.0 | 98.00 | 100.00 | | | N | |
| 258.0 | 261.0 | 100.00 | 100.00 | | | N | |
| 261.0 | 264.0 | 100.00 | 100.00 | | | N | |
| 264.0 | 267.0 | 100.00 | 100.00 | | | N | |
| 267.0 | 270.0 | 100.00 | 100.00 | | | N | |
| 270.0 | 273.0 | 100.00 | 100.00 | | | N | |
| 273.0 | 276.0 | 97.00 | 100.00 | | | N | |
| 276.0 | 279.0 | 98.00 | 100.00 | | | N | |
| 279.0 | 282.0 | 98.00 | 100.00 | | | N | |
| 282.0 | 285.0 | 100.00 | 100.00 | | | N | |
| 285.0 | 288.0 | 97.00 | 100.00 | | | N | |
| 288.0 | 291.0 | 100.00 | 100.00 | | | N | |
| 291.0 | 294.0 | 98.00 | 100.00 | | | N | |
| 294.0 | 297.0 | 98.00 | 100.00 | | | N | |
| 297.0 | 300.0 | 93.00 | 100.00 | | | N | |
| 300.0 | 303.0 | 97.00 | 100.00 | | | N | |
| 303.0 | 306.0 | 98.00 | 100.00 | | | N | |
| 306.0 | 309.0 | 100.00 | 100.00 | | | N | |
| 309.0 | 312.0 | 93.00 | 100.00 | | | N | |
| 312.0 | 315.0 | 100.00 | 100.00 | | | N | |
| 315.0 | 318.0 | 98.00 | 100.00 | | | N | |
| 318.0 | 321.0 | 97.00 | 100.00 | | | N | |

**Hole number:** KLUC18-496

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 321.0 | 324.0 | 100.00 | 100.00 | | | N | |
| 324.0 | 327.0 | 93.00 | 100.00 | | | N | |
| 327.0 | 330.0 | 97.00 | 100.00 | | | N | |
| 330.0 | 333.0 | 98.00 | 100.00 | | | N | |
| 333.0 | 336.0 | 100.00 | 100.00 | | | N | |
| 336.0 | 339.0 | 100.00 | 100.00 | | | N | |
| 339.0 | 342.0 | 98.00 | 100.00 | | | N | |
| 342.0 | 345.0 | 93.00 | 100.00 | | | N | |
| 345.0 | 348.0 | 98.00 | 100.00 | | | N | |
| 348.0 | 351.0 | 92.00 | 100.00 | | | N | |
| 351.0 | 354.0 | 100.00 | 100.00 | | | N | |
| 354.0 | 357.0 | 97.00 | 100.00 | | | N | |
| 357.0 | 360.0 | 100.00 | 100.00 | | | N | |

AGNICO EAGLE

# DRILL HOLE REPORT

## EXPLORATION CANADA ONTARIO

**Hole number:** KLUC18-497 **Project Number:** U_Canada **Project name:** Upper Canada

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Historic hole number:** | | **Collar survey:** | Y | **From:** | 0.0 | **Coordinates:** | P |
| **System:** | METRIC | **Verified:** | | **To:** | 300.0 | **Grid:** | UTM83-17_CSRS-2010: |
| **Target:** | U_CANADA | **Gas:** | N | **Depth:** | 300.0 | **North:** | 5,332,589.68 |
| **No. Claim:** | PAT-18800 | **Multishot survey:** | N | **Location:** | Surface | **East:** | 587,006.47 |
| **Year:** | 2 018 | **Is making water:** | N | **Core storage:** | Mine Site | **Elevation:** | 329.84 |
| **Date started:** | 7/31/2018 | **Object in hole:** | N | **Contractor:** | Asinii Drilling | **Collar dip:** | -65.11 |
| **Date logged:** | 2018-08-07 | **Pulse EM survey:** | N | **Logged by:** | Monica Oosterman | **Collar azimuth:** | 164.75 |
| **Date completed:** | 8/2/2018 | **Plugged:** | N | **Signature:** | | | |
| **Core size:** | NQ | **Cemented:** | N | | | | |
| **Hole type:** | EXP | **Branch:** | N | | | | |
| **Casing:** | Left in Hole, capped | **Reserve:** | | | | | |
| **Logging status:** | Signed | | | | | | |
| **Rig number:** | | | | | | | |

**Additional sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Planned hole UCP18-28 MSO-4
One hexagonal and 18inch shell.
No gyro done on this hole
Missing pictures from 75 to 147m, took after cut
132.5-136.5m - intersected fault
193.36-213.53m - Intersected Zone of Veins (kspar, quartz and plag), psbl sheared peg.

**Assay average**

| Average type | From | To | Length | Width | Zone | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Pb_ppm | Ni_ppm | As_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WEIGHTED | 127.0 | 128.2 | 1.2 | | | 0.503 | | | | | | |
| WEIGHTED | 132.0 | 132.8 | 0.8 | | | 0.961 | | | | | | |
| WEIGHTED | 244.0 | 247.3 | 3.3 | | | 0.833 | | | | | | |

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments | Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 164.75 | -65.11 | S | O | collar survey with a rod shot | 18.0 | 165.42 | -64.25 | DS | O | |
| 78.0 | 166.68 | -63.82 | DS | O | | 108.0 | 166.53 | -63.79 | DS | O | |
| 138.0 | 165.83 | -63.79 | DS | O | | 168.0 | 169.22 | -63.65 | DS | O | |
| 198.0 | 168.84 | -63.65 | DS | O | | 228.0 | 168.24 | -63.65 | DS | O | |
| 288.0 | 167.73 | -62.89 | DS | O | 54517 | | | | | | |

**Hole number:** KLUC18-497

| Certificate |
|---|
| A19-809 |
| A19-810 |
| MXPA-SG001 |
| SD18200502 |
| SD18200507 |
| SD18200508 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505R19-025 | Excaon1 | CAOND109014 |
| | | CAOND109018 |
| | | CAOND109034 |
| | | CAOND109038 |
| | | CAOND109053 |
| | | CAOND109056 |
| | | CAOND109067 |
| | | CAOND109072 |
| | | CAOND109211 |
| | | CAOND109287 |
| | | CAOND109291 |
| | | CAOND109294 |
| | | CAOND109296 |
| | | CAOND109318 |
| | | CAOND109357 |
| | | CAOND109369 |
| | | CAOND109435 |
| | | CAOND109438 |
| | | CAOND109495 |
| | | CAOND109503 |
| | | CAOND109528 |
| | | CAOND109535 |
| | | CAOND109557 |
| | | CAOND109564 |
| | | CAOND109674 |
| | | CAOND109677 |
| | | CAOND109689 |
| | | CAOND109691 |
| | | CAOND109704 |
| | | CAOND109710 |
| | | CAOND109729 |
| | | CAOND109751 |
| | | CAOND109757 |
| | | CAOND109764 |
| | | CAOND109781 |
| | | CAOND109787 |
| | | CAOND109796 - CAOND109797 |
| | | CAOND109818 |
| | | CAOND109836 |
| | | CAOND109839 |
| | | CAOND109874 - CAOND109875 |

| Sample number | Standard |
|---|---|
| CAOND109790 | CDN-CM-28-AEM |
| CAOND109815 | CDN-CM-24-AEM |
| CAOND109820 | BLANK-DB |
| CAOND109830 | CDN-GS-5U-AEM |
| CAOND109845 | CDN-CM-28-AEM |
| CAOND109860 | CDN-CM-24-AEM |
| CAOND109870 | BLANK-DB |
| CAOND109875 | CDN-GS-5U-AEM |
| CAOND109890 | CDN-CM-28-AEM |
| CAOND109915 | CDN-CM-24-AEM |
| CAOND109920 | BLANK-DB |
| CAOND109930 | CDN-GS-5U-AEM |
| CAOND109945 | CDN-CM-28-AEM |
| CAOND109960 | CDN-CM-24-AEM |
| CAOND109970 | BLANK-DB |
| CAOND109975 | CDN-GS-5U-AEM |
| CAOND109990 | CDN-CM-28-AEM |
| CAOND110515 | CDN-CM-24-AEM |

**Hole number:** KLUC18-497

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND109890 |
| | | CAOND109940 |
| | | CAOND109974 |
| | | CAOND109984 |
| | | CAOND110011 |
| | | CAOND110056 - CAOND110057 |
| | | CAOND110062 |
| | | CAOND110073 |
| | | CAOND110113 |
| | | CAOND110161 |
| | | CAOND110163 |
| | | CAOND110174 |
| | | CAOND110198 |
| | | CAOND110213 |
| | | CAOND110236 |
| | | CAOND110240 |
| | | CAOND110249 |
| | | CAOND110261 |
| | | CAOND110270 |
| | | CAOND110322 |
| | | CAOND110328 |
| | | CAOND110340 |
| | | CAOND110355 |
| | | CAOND110362 |
| | | CAOND110379 |
| | | CAOND110382 - CAOND110383 |
| | | CAOND110398 |
| | | CAOND110434 |
| | | CAOND110438 |
| | | CAOND110441 |
| | | CAOND110443 |
| | | CAOND110468 |
| | | CAOND110496 |
| | | CAOND110502 |
| | | CAOND110514 |
| | | CAOND110523 |
| | | CAOND110539 |
| | | CAOND110544 |
| | | CAOND110552 |
| | | CAOND110572 |
| | | CAOND110593 - CAOND110595 |
| | | CAOND110603 |
| | | CAOND110633 |

**Hole number:** KLUC18-497

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND110664 - CAOND110665 |
| | | CAOND110683 |
| | | CAOND110694 |
| | | CAOND110710 |
| | | CAOND110712 - CAOND110713 |
| | | CAOND110808 |
| | | CAOND110813 |
| | | CAOND110837 |
| | | CAOND110871 |
| | | CAOND110885 |
| | | CAOND110948 |
| | | CAOND110951 |
| | | CAOND110956 |
| | | CAOND110978 |
| | | CAOND111098 |
| | | CAOND111129 |
| | | CAOND111178 |
| | | CAOND111262 |
| | | CAOND111277 |
| | | CAOND111286 |
| | | CAOND111385 |
| | | CAOND111446 |
| | | CAOND111448 |
| | | CAOND111455 |
| | | CAOND111481 |
| | | CAOND111513 |
| | | CAOND111529 |
| | | CAOND111558 |
| | | CAOND111606 |
| | | CAOND111629 |
| | | CAOND111634 |
| | | CAOND111673 |
| | | CAOND111686 |
| | | CAOND111690 |
| | | CAOND111709 |
| | | CAOND111734 |
| | | CAOND111747 |
| | | CAOND111752 |
| | | CAOND111763 |
| | | CAOND111774 |
| | | CAOND111794 |
| | | CAOND111806 |
| | | CAOND111838 |

**Hole number:** KLUC18-497

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND111842 |
| | | CAOND111876 |
| | | CAOND111878 |
| | | CAOND111881 |
| | | CAOND111889 |
| | | CAOND111913 |
| | | CAOND111954 |
| | | CAOND111988 |
| | | CAOND112048 |
| | | CAOND112084 |
| | | CAOND112097 |
| | | CAOND112123 |
| | | CAOND112128 |
| | | CAOND112154 |
| | | CAOND112187 |
| | | CAOND112214 |
| | | CAOND112218 |
| | | CAOND112223 - CAOND112224 |
| | | CAOND112263 |
| | | CAOND112286 |
| | | CAOND112309 |
| | | CAOND112410 |
| | | CAOND112434 |
| | | CAOND112474 |
| | | CAOND112485 |
| | | CAOND112505 |
| | | CAOND112513 |
| | | CAOND112537 |
| | | CAOND112559 |
| | | CAOND112584 |
| | | CAOND112606 |
| | | CAOND112632 |
| | | CAOND112676 |
| | | CAOND112704 |
| | | CAOND112757 |
| | | CAOND112789 |
| | | CAOND112794 |
| | | CAOND112798 |
| | | CAOND112811 - CAOND112812 |
| | | CAOND112832 |
| | | CAOND112837 |
| | | CAOND112846 |
| | | CAOND112855 |

**Hole number:** KLUC18-497

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND112865<br>CAOND112917<br>CAOND112937<br>CAOND112957<br>CAOND112971<br>CAOND113672<br>CAOND113777<br>CAOND113779<br>CAOND113781<br>CAOND113789<br>CAOND114014<br>CAOND114020<br>CAOND114187<br>CAOND114221<br>CAOND114264<br>CAOND114276<br>CAOND115912<br>CAOND115926<br>CAOND115942<br>CAOND115959<br>CAOND115962<br>CAOND115999<br>CAOND116503<br>CAOND116522<br>CAOND116533<br>CAOND116542<br>CAOND116618<br>CAOND116620<br>CAOND116633<br>CAOND116642<br>CAOND116658<br>CAOND116660<br>CAOND116673 |
| KLUC18-0813 | Excaon1 | CAOND109210 - CAOND109500<br>CAOND109645<br>CAOND109660<br>CAOND109669 - CAOND109691<br>CAOND109693 - CAOND110000<br>CAOND110002 - CAOND110093<br>CAOND110115<br>CAOND110120<br>CAOND110130<br>CAOND110145 |

**Hole number:** KLUC18-497

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND110160<br>CAOND110170<br>CAOND110175<br>CAOND110190<br>CAOND110215<br>CAOND110220<br>CAOND110230<br>CAOND110245<br>CAOND110260<br>CAOND110270<br>CAOND110275<br>CAOND110290<br>CAOND110501 - CAOND110519<br>CAOND110521 - CAOND110736<br>CAOND110754<br>KLUC18-495-LC2<br>KLUC18-499-LC1<br>KLUC18-501-LC1 |
| KLUC18-0815 | Excaon1 | CAOND109210 - CAOND109500<br>CAOND109669 - CAOND109691<br>CAOND109693 - CAOND110093<br>CAOND110501 - CAOND110518 |

*The sample list may content samples from other holes

**Major:** **From:** 0.00 **To:** 8.85 OVB, Overburden

Hit bedrock 8.85

**Major:** **From:** 8.85 **To:** 11.45 I2D, Syénite

Dark brick red, feldar and quartz, quartz syentie. strong hematite. Strongly magnetic with fine grained disseminated magnetite. Gradational contact masked by alteration

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

9.00, 11.45, MAG, DIS, 3.00, RED_00001, FGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109785 | 9.0 | 10.0 | 1.0 | 0.020 | | | | |
| CAOND109786 | 10.0 | 11.3 | 1.3 | 0.012 | | | | 2.68 |
| CAOND109787 | 11.3 | 12.0 | 0.8 | 0.793 | | | | 2.79 |

**Major:** **From:** 11.45 **To:** 21.00 V8m, Trachyte mafic

Pink to light grey green, fine grained, moderately foliated at 35 degrees, strontly magnetic, interstitial calcite through out,textures vary based on amount of structure and alteration. Quartz vein noted which seems to be associated with increased alteration.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

11.45, 21.00, SER+, PEN, MOD, GRY2_BASIC, FGR, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109788 | 12.0 | 13.5 | 1.5 | 0.287 | | | | 2.82 |
| CAOND109789 | 13.5 | 14.9 | 1.4 | 0.011 | | | | |
| CAOND109791 | 14.9 | 15.7 | 0.9 | 0.334 | | | | 2.81 |
| CAOND109792 | 15.7 | 17.0 | 1.3 | 0.013 | | | | 2.82 |
| CAOND109793 | 17.0 | 18.5 | 1.5 | 0.003 | | | | |

**Hole number:** KLUC18-497

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
11.45, 21.00, FOL, MOD, 20.00, -, -, -, -

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
14.00, 15.00, QTZ, 95.00, 40.00, -, -, -, GRY_00025, .12, MAS, -, -, deformed vein, majority all plagiocase

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
11.45, 21.00, MAG, DIS, 3.00, RED_00001, FGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109794 | 18.5 | 20.0 | 1.5 | 0.164 | | | | |
| CAOND109795 | 20.0 | 21.5 | 1.5 | 0.003 | | | | 2.78 |

**Major:** **From:** 21.00 **To:** 37.00 V8mtl, Trachyte mafic tuff lapilli

Fine grained black matrix which is strongly magnetic, light pink wisps and bands of calcite with hematite. Unit is strongly foliated at 30. Very fine grained dusting of pyrite with mafic minerals 1%. unit is very homogenous. Gradational contacts

**TEXTURE**
TYPE/COLOR/GRAIN_SIZE/COMMENTS
27.50, 32.16, POR, -, MGR, massive

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
21.00, 25.75, CAL+, SEL, STRONG, GRY_00025, FGR, -, Calcite + Hematite wisps irregular
21.00, 25.75, HEM+, SEL, MOD, PNK2_BASIC, FGR, -, Calcite + Hematite wisps irregular
25.75, 27.50, CAL+, SEL, WEAK, GRY_00025, -, -, -
25.75, 27.50, HEM+, SEL, WEAK, PNK2_BASIC, -, -, -
27.50, 32.36, CAL+, SEL, MOD, GRY_00025, FGR, -, Calcite + Hematite wisps irregular
27.50, 32.36, HEM+, SEL, MOD, PNK2_BASIC, FGR, -, spotted calcite + hematite
32.36, 37.00, HEM+, SEL, MOD, PNK2_BASIC, FGR, -, spotted calcite + hematite
32.36, 37.00, CAL+, SEL, MOD, GRY_00025, FGR, -, spotted calcite + hematite

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
21.00, 37.00, FOL, MOD, 20.00, -, -, -, -
21.00, 25.75, SHR, STRONG, 40.00, -, -, -, Wispy irregular smeared calcite + hematite clots.
25.75, 27.50, FOL, WEAK, 30.00, -, -, -, alignment of fragments
32.00, 36.00, SHR, STRONG, 30.00, -, -, -, Wispy irregular smeared calcite + hematite clots.

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
21.00, 37.00, MAG, DIS, 3.00, RED_00001, FGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109796 | 21.5 | 23.0 | 1.5 | 0.006 | | | | 2.71 |
| CAOND109797 | 23.0 | 24.5 | 1.5 | 0.061 | | | | 2.76 |
| CAOND109798 | 24.5 | 26.0 | 1.5 | 0.074 | | | | |
| CAOND109799 | 26.0 | 27.5 | 1.5 | 0.006 | | | | 2.68 |
| CAOND109801 | 27.5 | 28.0 | 0.5 | 0.065 | | | | |
| CAOND109802 | 28.0 | 29.5 | 1.5 | 0.003 | | | | |
| CAOND109803 | 29.5 | 31.0 | 1.5 | 0.005 | | | | 2.75 |
| CAOND109804 | 31.0 | 32.5 | 1.5 | 0.003 | | | | 2.75 |
| CAOND109805 | 32.5 | 34.0 | 1.5 | 0.003 | | | | |
| CAOND109806 | 34.0 | 35.5 | 1.5 | 0.003 | | | | 2.70 |
| CAOND109807 | 35.5 | 37.0 | 1.5 | 0.003 | | | | 2.71 |

**Hole number:** KLUC18-497

**Major:** **From:** 37.00 **To:** 83.00 V8mt, Trachyte mafic tuff

Possible mafic Syentite Pink and black rock, matrix consits of chlorite and disseminated magnetite. Varies from massive to moderately foliated. Massive spotty looking calcite+ hematite. Contacts betwen units are gradational over 1m (why is is called a V8 not a syentite). The spotty v8 does look ignous - mg massive almost porphyry. Fine grained matrix with 0.5 cm clast of calcite + hematite. Wisp calcite = hematite is thought to be strained spotted unit. Trace sulphide pyrite Flattening out of foliation from 69-70m, thought to be nose of fold

**TEXTURE**

TYPE/COLOR/GRAIN_SIZE/COMMENTS

37.50, 45.00, POR, -, MGR, massive

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

37.00, 83.00, HEM+, SEL, MOD, PNK2_BASIC, FGR, -, spotted calcite + hematite

37.00, 83.00, CAL+, SEL, MOD, GRY_00025, FGR, -, spotted calcite + hematite

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

37.00, 83.00, FOL, MOD, 20.00, -, -, -, -

45.00, 83.00, FOL, WEAK, 15.00, -, -, -, alignement and stretch of the calcite= hematite clasts . Bisects core

62.60, 62.70, GGE, -, -, -, -, -, -

67.70, 68.00, BRF, -, -, -, -, -, Brittle deformation

68.00, 83.00, FRA, WEAK, 5.00, -, -, -, low angle healed fractures with chlorite form along flat foliation. small brittle fault above unit which could be causing fracturing along cleavage plane

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

37.00, 83.00, MAG, DIS, 3.00, RED_00001, FGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109808 | 37.0 | 38.5 | 1.5 | 0.064 | | | | 2.70 |
| CAOND109809 | 38.5 | 40.0 | 1.5 | 0.009 | | | | 2.76 |
| CAOND109810 | 40.0 | 41.5 | 1.5 | 0.013 | | | | 2.73 |
| CAOND109811 | 41.5 | 43.0 | 1.5 | 0.003 | | | | 2.72 |
| CAOND109812 | 43.0 | 44.5 | 1.5 | 0.003 | | | | 2.76 |
| CAOND109813 | 44.5 | 46.0 | 1.5 | 0.003 | | | | 2.75 |
| CAOND109814 | 46.0 | 47.5 | 1.5 | 0.003 | | | | 2.70 |
| CAOND109816 | 47.5 | 49.0 | 1.5 | 0.003 | | | | 2.75 |
| CAOND109817 | 49.0 | 50.5 | 1.5 | 0.003 | | | | 2.67 |
| CAOND109818 | 50.5 | 52.0 | 1.5 | 0.003 | | | | 2.69 |
| CAOND109819 | 52.0 | 53.5 | 1.5 | 0.003 | | | | 2.73 |
| CAOND109821 | 53.5 | 55.0 | 1.5 | 0.003 | | | | 2.73 |
| CAOND109822 | 55.0 | 56.5 | 1.5 | 0.003 | | | | 2.68 |
| CAOND109823 | 56.5 | 58.0 | 1.5 | 0.003 | | | | 2.77 |
| CAOND109824 | 58.0 | 59.5 | 1.5 | 0.006 | | | | 2.72 |
| CAOND109826 | 59.5 | 61.0 | 1.5 | 0.003 | | | | |
| CAOND109827 | 61.0 | 62.5 | 1.5 | 0.003 | | | | 2.75 |
| CAOND109828 | 62.5 | 64.0 | 1.5 | 0.007 | | | | |
| CAOND109829 | 64.0 | 65.5 | 1.5 | 0.007 | | | | 2.75 |
| CAOND109831 | 65.5 | 67.0 | 1.5 | 0.010 | | | | 2.74 |
| CAOND109832 | 67.0 | 68.5 | 1.5 | 0.017 | | | | |
| CAOND109833 | 68.5 | 70.0 | 1.5 | 0.012 | | | | |
| CAOND109834 | 70.0 | 71.5 | 1.5 | 0.028 | | | | 2.73 |
| CAOND109835 | 71.5 | 73.0 | 1.5 | 0.093 | | | | 2.72 |
| CAOND109836 | 73.0 | 74.5 | 1.5 | 0.013 | | | | 2.76 |
| CAOND109837 | 74.5 | 76.0 | 1.5 | 0.016 | | | | 2.71 |
| CAOND109838 | 76.0 | 77.5 | 1.5 | 0.016 | | | | 2.74 |
| CAOND109839 | 77.5 | 79.0 | 1.5 | 0.012 | | | | |
| CAOND109840 | 79.0 | 80.5 | 1.5 | 0.009 | | | | 2.72 |
| CAOND109841 | 80.5 | 82.0 | 1.5 | 0.007 | | | | |
| CAOND109842 | 82.0 | 83.5 | 1.5 | 0.015 | | | | |

## Hole number: KLUC18-497

**Major:** **From:** 83.00 **To:** 163.10 V8mt, Trachyte mafic tuff

Medium grained black and pinkish white rock, strongly magnetic, strong calcite,+/- hematite, trace fine grained pyrite. weakly foliated aligning of the fragments @10 degrees. fragments are starting to get tails. Uniform looking unit. Foliation varies from 30 to 10 degrees.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

126.50, 128.50, PYR, DIS, 5.00, -, VFG, Dusting of pyrite in bleached mafic tuff.
132.00, 133.50, PYR, DIS, 5.00, -, VFG, Dusting of pyrite in bleached mafic tuff.
159.57, 159.80, PYR, DIS, 8.00, -, VFG, Dusting of pyrite adjacent to 1cm calcite vein

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

83.00, 104.00, HEM+, SEL, MOD, PNK2_BASIC, FGR, -, spotted calcite + hematite
83.00, 144.00, CAL+, SEL, MOD, GRY_00025, FGR, -, spotted calcite + hematite
153.00, 163.10, CAL+, SEL, MOD, GRY_00025, FGR, -, spotted calcite + hematite
153.00, 163.10, HEM+, SEL, MOD, PNK2_BASIC, FGR, -, spotted calcite + hematite

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

83.00, 125.00, FOL, MOD, 20.00, -, -, -, -
83.00, 85.00, FOL, WEAK, 15.00, -, -, -, alignement and stretch of the calcite= hematite clasts . Bisects core
83.00, 85.00, FRA, WEAK, 5.00, -, -, -, low angle healed fractures with chlorite form along flat foliation. small brittle fault above unit which could be causing fracturing along cleavage plane
86.00, 86.25, GGE, -, -, -, -, -, -
90.10, 90.30, CRN, MOD, 10.00, -, -, -, Visible crenulations can see slips through axis of crenulation which forms at 40 degrees. (picture)
90.10, 93.90, FOL, MOD, 30.00, -, -, -, laminated more shistose in appearance, fine grained
93.30, 124.50, FOL, WEAK, 10.00, -, -, -, Stretched grains along foliation, still see fragments easly.
132.50, 136.50, FZN, STRONG, 30.00, -, -, -, Healed fault, breccia, blocky core, increase in fracturing and increase in chlorite.
136.50, 155.00, FOL, WEAK, 40.00, -, -, -, Weak alignment of fragments.
155.00, 160.00, FOL, MOD, 15.00, -, -, -, Foliation is flat and slightly more intentse.
160.00, 163.10, FOL, MOD, 30.00, -, -, -, Fine grained unit with moderate folation, unit looks more laminated.

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

159.57, 159.80, CAL, 3.00, 30.00, -, -, -, PNK2_BASIC, 1.00, WLA, PYR, 8.00, Fine grained calcite and hematite vein. Wavy and folded. Surrounding tuffs are also folded and chaotic and contian up to 8% fine grained pyrite

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109843 | 83.5 | 85.0 | 1.5 | 0.027 | | | | 2.74 |
| CAOND109844 | 85.0 | 86.5 | 1.5 | 0.011 | | | | |
| CAOND109846 | 86.5 | 88.0 | 1.5 | 0.013 | | | | 2.72 |
| CAOND109847 | 88.0 | 89.5 | 1.5 | 0.016 | | | | 2.76 |
| CAOND109848 | 89.5 | 91.0 | 1.5 | 0.015 | | | | 2.75 |
| CAOND109849 | 91.0 | 92.5 | 1.5 | 0.019 | | | | 2.79 |
| CAOND109851 | 92.5 | 94.0 | 1.5 | 0.020 | | | | |
| CAOND109852 | 94.0 | 95.5 | 1.5 | 0.005 | | | | 2.74 |
| CAOND109853 | 95.5 | 97.0 | 1.5 | 0.005 | | | | |
| CAOND109854 | 97.0 | 98.5 | 1.5 | 0.005 | | | | 2.76 |
| CAOND109855 | 98.5 | 100.0 | 1.5 | 0.007 | | | | |
| CAOND109856 | 100.0 | 101.5 | 1.5 | 0.007 | | | | 2.78 |
| CAOND109857 | 101.5 | 103.0 | 1.5 | 0.006 | | | | 2.75 |
| CAOND109858 | 103.0 | 104.5 | 1.5 | 0.011 | | | | 2.74 |
| CAOND109859 | 104.5 | 106.0 | 1.5 | 0.018 | | | | 2.78 |
| CAOND109861 | 106.0 | 107.5 | 1.5 | 0.010 | | | | |
| CAOND109862 | 107.5 | 109.0 | 1.5 | 0.005 | | | | |
| CAOND109863 | 109.0 | 110.5 | 1.5 | 0.003 | | | | 2.75 |
| CAOND109864 | 110.5 | 112.0 | 1.5 | 0.003 | | | | 2.75 |
| CAOND109865 | 112.0 | 113.5 | 1.5 | 0.007 | | | | 2.76 |
| CAOND109866 | 113.5 | 115.1 | 1.6 | 0.006 | | | | 2.76 |
| CAOND109867 | 115.1 | 116.5 | 1.4 | 0.003 | | | | 2.74 |
| CAOND109868 | 116.5 | 118.0 | 1.5 | 0.003 | | | | 2.76 |
| CAOND109869 | 118.0 | 119.5 | 1.5 | 0.003 | | | | 2.75 |
| CAOND109871 | 119.5 | 121.0 | 1.5 | 0.003 | | | | 2.77 |
| CAOND109872 | 121.0 | 122.5 | 1.5 | 0.003 | | | | 2.80 |
| CAOND109873 | 122.5 | 124.0 | 1.5 | 0.003 | | | | 2.74 |
| CAOND109874 | 124.0 | 125.5 | 1.5 | 0.003 | | | | 2.79 |
| CAOND109876 | 125.5 | 127.0 | 1.5 | 0.010 | | | | 2.78 |
| CAOND109877 | 127.0 | 128.2 | 1.2 | 0.503 | | | | 2.85 |
| CAOND109878 | 128.2 | 129.0 | 0.8 | 0.031 | | | | 2.71 |
| CAOND109879 | 129.0 | 130.5 | 1.5 | 0.013 | | | | |
| CAOND109881 | 130.5 | 132.0 | 1.5 | 0.040 | | | | 2.76 |

**Hole number:** KLUC18-497

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

83.00, 163.10, MAG, DIS, 3.00, RED_00001, FGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109882 | 132.0 | 132.8 | 0.8 | 0.961 | | | | 2.81 |
| CAOND109883 | 132.8 | 133.9 | 1.0 | 0.108 | | | | |
| CAOND109884 | 133.9 | 135.0 | 1.1 | 0.022 | | | | |
| CAOND109885 | 135.0 | 136.5 | 1.5 | 0.003 | | | | |
| CAOND109886 | 136.5 | 138.0 | 1.5 | 0.003 | | | | 2.77 |
| CAOND109887 | 138.0 | 139.5 | 1.5 | 0.003 | | | | 2.79 |
| CAOND109888 | 139.5 | 141.0 | 1.5 | 0.006 | | | | 2.78 |
| CAOND109889 | 141.0 | 142.5 | 1.5 | 0.143 | | | | 2.79 |
| CAOND109891 | 142.5 | 144.0 | 1.5 | 0.038 | | | | 2.79 |
| CAOND109892 | 144.0 | 145.5 | 1.5 | 0.003 | | | | 2.78 |
| CAOND109893 | 145.5 | 147.0 | 1.5 | 0.003 | | | | 2.79 |
| CAOND109894 | 147.0 | 148.5 | 1.5 | 0.003 | | | | 2.81 |
| CAOND109895 | 148.5 | 150.0 | 1.5 | 0.011 | | | | 2.79 |
| CAOND109896 | 150.0 | 151.5 | 1.5 | 0.003 | | | | 2.79 |
| CAOND109897 | 151.5 | 153.0 | 1.5 | 0.003 | | | | 2.75 |
| CAOND109898 | 153.0 | 154.5 | 1.5 | 0.003 | | | | 2.78 |
| CAOND109899 | 154.5 | 156.0 | 1.5 | 0.005 | | | | 2.73 |
| CAOND109901 | 156.0 | 157.5 | 1.5 | 0.006 | | | | 2.76 |
| CAOND109902 | 157.5 | 159.0 | 1.5 | 0.006 | | | | 2.78 |
| CAOND109903 | 159.0 | 160.1 | 1.1 | 0.147 | | | | 2.80 |
| CAOND109904 | 160.1 | 161.6 | 1.5 | 0.235 | | | | 2.78 |
| CAOND109905 | 161.6 | 163.1 | 1.5 | 0.018 | | | | 2.78 |

**Major:** **From:** 163.10 **To:** 193.36 V8mtl, Trachyte mafic tuff lapilli

Dark black matrix (chlorite and magnetite) with wispy irregular pink (hematite and calcite) fragments. Unit is Chaotic, strongly magnetic and contians trace pyrite. Moderatly foliated at 30 but often crenulated.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

163.10, 193.36, CAL+, SEL, MOD, GRY_00025, FGR, -, spotted calcite + hematite
163.10, 193.36, HEM+, SEL, MOD, PNK2_BASIC, FGR, -, spotted calcite + hematite
174.56, 176.00, HEM+, PEN, STRONG, PNK2_BASIC, FGR, -, Strong alteration possibly a different unit although gradational contacts

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

163.10, 166.05, FOL, WEAK, 30.00, -, -, -, Fragments are weakly aligned and starting to get trails. Unit

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109906 | 163.1 | 164.5 | 1.4 | 0.006 | | | | 2.76 |
| CAOND109907 | 164.5 | 166.0 | 1.5 | 0.003 | | | | 2.79 |
| CAOND109908 | 166.0 | 167.5 | 1.5 | 0.006 | | | | 2.71 |
| CAOND109909 | 167.5 | 169.0 | 1.5 | 0.015 | | | | 2.73 |
| CAOND109910 | 169.0 | 170.5 | 1.5 | 0.022 | | | | 2.76 |
| CAOND109911 | 170.5 | 172.0 | 1.5 | 0.014 | | | | 2.69 |
| CAOND109912 | 172.0 | 173.5 | 1.5 | 0.027 | | | | 2.78 |
| CAOND109913 | 173.5 | 175.0 | 1.5 | 0.019 | | | | 2.68 |
| CAOND109914 | 175.0 | 176.5 | 1.5 | 0.014 | | | | 2.69 |
| CAOND109916 | 176.5 | 178.0 | 1.5 | 0.003 | | | | 2.72 |

**Hole number:** KLUC18-497

has a more bulbose appearance
166.05, 166.60, BRC, MOD, 30.00, -, -, -, Aphantic dark black (chloritic + magnetite) matrix with large dark pink syentite framents. Fragments are smeared.
166.60, 193.36, CRN, MOD, 30.00, -, -, -, Chaotic, irregular wisps of calcite and hematite fragments. Appears there is grain size reduction, darkening of the unit. Areas show good crenulation.

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
163.10, 193.36, MAG, DIS, 3.00, RED_00001, FGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109917 | 178.0 | 179.5 | 1.5 | 0.003 | | | | 2.73 |
| CAOND109918 | 179.5 | 181.0 | 1.5 | 0.003 | | | | 2.69 |
| CAOND109919 | 181.0 | 182.5 | 1.5 | 0.006 | | | | 2.75 |
| CAOND109921 | 182.5 | 184.0 | 1.5 | 0.010 | | | | 2.72 |
| CAOND109922 | 184.0 | 185.5 | 1.5 | 0.007 | | | | 2.74 |
| CAOND109923 | 185.5 | 187.0 | 1.5 | 0.010 | | | | 2.69 |
| CAOND109924 | 187.0 | 188.5 | 1.5 | 0.009 | | | | 2.73 |
| CAOND109926 | 188.5 | 189.5 | 1.0 | 0.010 | | | | 2.76 |
| CAOND109927 | 189.5 | 190.5 | 1.0 | 0.006 | | | | 2.70 |
| CAOND109928 | 190.5 | 192.0 | 1.5 | 0.009 | | | | 2.78 |
| CAOND109929 | 192.0 | 193.4 | 1.4 | 0.008 | | | | 2.80 |

**Major:** **From:** 193.36 **To:** 195.20 I2D, Syénite

Fine grained, brick red, strongly magnetic, weakly foliated 10 degrees, Sharp wavy contacts at 50 degrees. Some intercalated dark tuffacous units only minor amount. No visible sulphides no calcite

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
193.36, 195.20, CAL+, SEL, MOD, GRY_00025, FGR, -, spotted calcite + hematite
193.36, 195.20, HEM+, SEL, MOD, PNK2_BASIC, FGR, -, spotted calcite + hematite

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
193.36, 195.20, FOL, WEAK, 10.00, -, -, -, -

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
193.36, 195.20, MAG, DIS, 3.00, RED_00001, FGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109931 | 193.4 | 194.1 | 0.7 | 0.010 | | | | 2.79 |
| CAOND109932 | 194.1 | 195.2 | 1.1 | 0.036 | | | | 2.79 |

**Major:** **From:** 195.20 **To:** 200.67 VN, Veine

Pink and white, massive to weakly foliated, kspar, plag quartz veins. Look like sheared pegmatites. Sharp contacts at 50 and 40. Any tuffacous rock between veins is strongly shistose, wavy irregular and chaotic. In general the unit does not have calcite but some isolated areas of calcite are noted but rare. White quarz veins are now patches and discontinous. Unit is chaoitc in nature. Sulphides are minimal.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
195.20, 200.67, CAL+, SEL, MOD, GRY_00025, FGR, -, spotted calcite + hematite
195.20, 200.67, HEM+, SEL, MOD, PNK2_BASIC, FGR, -, spotted calcite + hematite

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109933 | 195.2 | 196.0 | 0.8 | 0.003 | | | | 2.77 |
| CAOND109934 | 196.0 | 197.4 | 1.4 | 0.003 | | | | 2.83 |
| CAOND109935 | 197.4 | 198.0 | 0.6 | 0.019 | | | | 2.78 |
| CAOND109936 | 198.0 | 199.1 | 1.1 | 0.139 | | | | 2.77 |
| CAOND109937 | 199.1 | 200.0 | 0.9 | 0.005 | | | | 2.83 |
| CAOND109938 | 200.0 | 200.7 | 0.7 | 0.024 | | | | 2.85 |

**Hole number:** KLUC18-497

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
196.00, 196.75, CRN, STRONG, 40.00, -, -, -, Chaotic, irregular wisps, hematite fragments (no calcite, only seen along fractures.
199.07, 200.67, FOL, STRONG, 40.00, -, -, -, Fine grained regular fabric at 40 degrees

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
195.20, 196.00, QTZ, 100.00, 40.00, -, -, -, PNK2_BASIC, .80, MAS, -, -, sheared vein, quartz is discontious and forms pods. Dominate minerals are kspar and plag, minimal quartaz.
196.60, 197.55, QTZ, 100.00, 40.00, -, -, -, PNK2_BASIC, .60, MAS, -, -, sheared vein, quartz is discontious and forms pods. Dominate minerals are kspar and plag, minimal quartaz.
197.95, 199.07, QTZ, 80.00, 10.00, -, -, -, PNK2_BASIC, .50, MAS, -, -, sheared vein, quartz is discontious and forms pods. Dominate minerals are kspar and plag, minimal quartaz.
199.07, 200.67, QTZ, 15.00, 80.00, -, -, -, GRY_00025, .10, MAS, -, -, Continous quartz veins which have halo of medium grained kspar and plag. Halo is as wide as vein. In general veins are only weakly deformed compared to above veins.

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
195.20, 200.67, MAG, DIS, 3.00, RED_00001, FGR, -

**Major:** **From:** 200.67 **To:** 208.10 I2D, Syénite

Dark brick red to light gray, banded rock alternating dark pink and silicous fine grained gray unit, fine grained, weakly magnetic to non magnetic. Banding forms at 45 degrees. Very fine grained dusting of pyrite through out unit.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
200.67, 208.10, CAL+, SEL, MOD, GRY_00025, FGR, -, spotted calcite + hematite
200.67, 208.10, HEM+, SEL, MOD, PNK2_BASIC, FGR, -, spotted calcite + hematite

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
200.67, 203.50, FOL, STRONG, 40.00, -, -, -, Fine grained regular fabric at 40 degrees
206.00, 208.10, S3, STRONG, 40.00, -, -, -, Chaotic, irregular wisps, hematite fragments (no calcite, only seen along fractures.

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
200.67, 208.10, MAG, DIS, 3.00, RED_00001, FGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109939 | 200.7 | 202.0 | 1.3 | 0.077 | | | | 2.79 |
| CAOND109940 | 202.0 | 203.5 | 1.5 | 0.028 | | | | 2.82 |
| CAOND109941 | 203.5 | 205.0 | 1.5 | 0.046 | | | | 2.77 |
| CAOND109942 | 205.0 | 206.5 | 1.5 | 0.021 | | | | 2.81 |
| CAOND109943 | 206.5 | 208.0 | 1.5 | 0.031 | | | | |
| CAOND109944 | 208.0 | 209.5 | 1.5 | 0.017 | | | | 2.82 |

## Hole number: KLUC18-497

**Major:** **From:** 208.10 **To:** 230.10 V8mtl, Trachyte mafic tuff lapilli

Dark black matrix (chlorite and magnetite) with wispy irregular white fragments. no calcite in this unit. fragments are wispy stretched along foliation, strongly magnetic and contians trace pyrite. Moderatly foliated at 30. uNIT HAS SOME FOLDING, patches of silicification.

**MINOR INTERVAL**

209.90 - 210.50: V1

**MINOR INTERVAL**

210.50 - 211.10: VNTwo 10cm wide pegmatitic looking veins which form along foliation, sharp contacts appear undeformed.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

208.10, 222.00, SER+, PEN, MOD, GRY_00025, FGR, -, -

225.10, 230.10, SER+, PEN, STRONG, GRY2_BASIC, FGR, -, -

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

208.10, 213.00, S3, STRONG, 40.00, -, -, -, Chaotic, irregular wisps, hematite fragments (no calcite, only seen along fractures.

213.00, 213.30, FLD, STRONG, -, -, -, -, Looks like an open fold

221.28, 221.55, MNC, STRONG, 40.00, -, -, -, Ribbony looking aphantic strongly foliated

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

213.30, 213.53, QTZ, 50.00, 40.00, -, -, -, PNK2_BASIC, .10, MAS, GAL, .01, ksp-plag-quartz veins. odd specks in veins which might be base metals. Could be clasts of dark blue grey quartz veins. veins cross cut foliation. Took picture. Taking small sample to see if veins run or if wall rock runs.

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

208.10, 222.00, MAG, DIS, 3.00, RED_00001, FGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109946 | 209.5 | 210.9 | 1.4 | 0.034 | | | | 2.84 |
| CAOND109947 | 210.9 | 212.0 | 1.1 | 0.025 | | | | 2.85 |
| CAOND109948 | 212.0 | 213.5 | 1.5 | 0.393 | | | | 2.89 |
| CAOND109949 | 213.5 | 215.0 | 1.5 | 0.227 | | | | 2.96 |
| CAOND109951 | 215.0 | 216.5 | 1.5 | 0.031 | | | | 2.83 |
| CAOND109952 | 216.5 | 218.0 | 1.5 | 0.030 | | | | 2.86 |
| CAOND109953 | 218.0 | 219.5 | 1.5 | 0.012 | | | | 2.83 |
| CAOND109954 | 219.5 | 221.0 | 1.5 | 0.043 | | | | 2.87 |
| CAOND109955 | 221.0 | 222.5 | 1.5 | 0.084 | | | | 2.84 |
| CAOND109956 | 222.5 | 224.0 | 1.5 | 0.048 | | | | 2.82 |
| CAOND109957 | 224.0 | 225.5 | 1.5 | 0.328 | | | | 2.80 |
| CAOND109958 | 225.5 | 227.0 | 1.5 | 0.381 | | | | 2.80 |
| CAOND109959 | 227.0 | 228.5 | 1.5 | 0.292 | | | | 2.81 |
| CAOND109961 | 228.5 | 230.0 | 1.5 | 0.194 | | | | 2.79 |
| CAOND109962 | 230.0 | 231.0 | 1.0 | 0.634 | | | | 2.80 |

**Major:** **From:** 230.10 **To:** 230.90 VN, Veine

Thin wormy quartz plagioclase vein, form at 30 degrees and 10 degrees. Wall rock appears to be bleached, possible sericite. Trace diseminated pyrite

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

230.10, 230.90, SER+, PEN, STRONG, GRY2_BASIC, FGR, -, -

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

**Hole number:** KLUC18-497

230.10, 230.90, QTZ, 1.00, 10.00, -, -, -, -, .50, -, -, -, -

**Major:** **From:** 230.90 **To:** 239.50 V8, Trachyte

Light gray, non magnetic, moderately foliated, bleaced unit. No calcite noted in this unit. 3% disseminated pyrite. diffuse grains, strong sericite

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

234.00, 234.10, PYR, BBY, 10.00, -, FGR, clots of pyrite

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

230.90, 239.50, SER+, PEN, STRONG, GRY2_BASIC, FGR, -, Light grey bleaching of rock. Grains get diffuse

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109963 | 231.0 | 232.5 | 1.5 | 0.514 | | | | 2.79 |
| CAOND109964 | 232.5 | 234.0 | 1.5 | 0.174 | | | | 2.85 |
| CAOND109965 | 234.0 | 235.5 | 1.5 | 0.181 | | | | 2.87 |
| CAOND109966 | 235.5 | 237.0 | 1.5 | 0.138 | | | | 2.87 |
| CAOND109967 | 237.0 | 238.5 | 1.5 | 0.150 | | | | 2.84 |
| CAOND109968 | 238.5 | 239.5 | 1.0 | 0.250 | | | | 2.81 |

**Major:** **From:** 239.50 **To:** 246.56 V8mt, Trachyte mafic tuff

dark grey black, weakly foliatedat 40 degrees, Weakly magnetic, No calcite in this unit. Gradational contacts

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

244.00, 244.10, PYR, BBY, 10.00, -, FGR, clots of pyrite aswt vein

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109969 | 239.5 | 241.0 | 1.5 | 0.179 | | | | 2.75 |
| CAOND109971 | 241.0 | 242.5 | 1.5 | 0.137 | | | | 2.75 |
| CAOND109972 | 242.5 | 244.0 | 1.5 | 0.153 | | | | 2.79 |
| CAOND109973 | 244.0 | 245.0 | 1.0 | 0.875 | | | | 2.80 |
| CAOND109974 | 245.0 | 246.5 | 1.5 | 0.613 | | | | 2.79 |
| CAOND109976 | 246.5 | 247.3 | 0.8 | 1.180 | | | | 2.83 |

**Major:** **From:** 246.56 **To:** 247.33 VN, Veine

Pod of quartz with kspar and plagioclase rim. Only 1% of unit is quartz, rest of unit is plag and feldspar. 5% fine grained pyrite in the wall rock. Foliated at 40 degrees. No calcite in this unit. Looks like a pegmatite which has been sheared. 5% disseminated pyrite

**Major:** **From:** 247.33 **To:** 277.95 V8mt, Trachyte mafic tuff

Dark grey to black, non magnetic, weakly foliated, 1% very fine grained disseminated pyrite. Light pink hematite and calcite alteration. Hematite is patchy but calcite forms through out unit.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

252.60, 259.25, HEM+, SEL, STRONG, PNK2_BASIC, FGR, -, form with calcite as wisps

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

272.00, 274.50, BRC, MOD, -, -, -, -, Breccia with matrix of calcite

274.50, 277.95, FOL, MOD, 40.00, -, -, -, alignement of pink calcite fragments.

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109977 | 247.3 | 248.5 | 1.2 | 0.169 | | | | 2.84 |
| CAOND109978 | 248.5 | 250.0 | 1.5 | 0.186 | | | | 2.82 |
| CAOND109979 | 250.0 | 251.5 | 1.5 | 0.261 | | | | 2.79 |
| CAOND109981 | 251.5 | 252.9 | 1.4 | 0.055 | | | | 2.78 |
| CAOND109982 | 252.9 | 254.0 | 1.2 | 0.046 | | | | 2.74 |
| CAOND109983 | 254.0 | 255.5 | 1.5 | 0.012 | | | | 2.78 |
| CAOND109984 | 255.5 | 256.5 | 1.0 | 0.030 | | | | 2.70 |
| CAOND109985 | 256.5 | 257.5 | 1.0 | 0.045 | | | | 2.79 |
| CAOND109986 | 257.5 | 258.5 | 1.1 | 0.095 | | | | 2.80 |
| CAOND109987 | 258.5 | 260.0 | 1.5 | 0.070 | | | | 2.80 |

**Hole number:** KLUC18-497

252.60, 259.25, MAG, DIS, 3.00, RED_00001, FGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND109988 | 260.0 | 261.5 | 1.5 | 0.136 | | | | 2.81 |
| CAOND109989 | 261.5 | 263.0 | 1.5 | 0.379 | | | | 2.81 |
| CAOND109991 | 263.0 | 264.5 | 1.5 | 0.171 | | | | 2.77 |
| CAOND109992 | 264.5 | 266.0 | 1.5 | 0.105 | | | | 2.80 |
| CAOND109993 | 266.0 | 267.5 | 1.5 | 0.207 | | | | 2.79 |
| CAOND109994 | 267.5 | 269.0 | 1.5 | 0.155 | | | | 2.80 |
| CAOND110518 | 269.0 | 270.0 | 1.0 | 0.152 | | | | 2.77 |
| CAOND109995 | 270.0 | 271.0 | 1.0 | 0.050 | | | | 2.67 |
| CAOND109996 | 271.0 | 272.0 | 1.0 | 0.029 | | | | 2.74 |
| CAOND109997 | 272.0 | 273.5 | 1.5 | 0.016 | | | | 2.81 |
| CAOND109998 | 273.5 | 275.0 | 1.5 | 0.065 | | | | 2.78 |
| CAOND109999 | 275.0 | 276.5 | 1.5 | 0.158 | | | | 2.83 |
| CAOND110501 | 276.5 | 278.0 | 1.5 | 0.523 | | | | 2.80 |

**Major:** **From:** 277.95 **To:** 300.00 V8mtl, Trachyte mafic tuff lapilli

Dark Grey black with pink fragments, Fragrments are angular and stretched along folation at 40 degrees. Fragments contian hematite and calcite. 3% very fine grained dusting of pyrite. Strongly magnetic.

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

277.95, 300.00, FOL, MOD, 40.00, -, -, -, alignement of pink calcite fragments.

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

277.95, 300.00, MAG, DIS, 3.00, RED_00001, FGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110502 | 278.0 | 279.5 | 1.6 | 0.024 | | | | 2.80 |
| CAOND110503 | 279.5 | 281.0 | 1.5 | 0.120 | | | | 2.79 |
| CAOND110504 | 281.0 | 282.5 | 1.5 | 0.149 | | | | 2.78 |
| CAOND110505 | 282.5 | 284.0 | 1.5 | 0.237 | | | | 2.79 |
| CAOND110506 | 284.0 | 285.5 | 1.5 | 0.305 | | | | 2.81 |
| CAOND110507 | 285.5 | 287.0 | 1.5 | 0.475 | | | | 2.80 |
| CAOND110508 | 287.0 | 288.5 | 1.5 | 0.217 | | | | 2.76 |
| CAOND110509 | 288.5 | 290.0 | 1.5 | 0.163 | | | | 2.75 |
| CAOND110510 | 290.0 | 291.5 | 1.5 | 0.033 | | | | 2.72 |
| CAOND110511 | 291.5 | 293.0 | 1.5 | 0.658 | | | | 2.81 |
| CAOND110512 | 293.0 | 294.5 | 1.5 | 0.100 | | | | 2.70 |
| CAOND110513 | 294.5 | 296.0 | 1.5 | 0.003 | | | | 2.77 |
| CAOND110514 | 296.0 | 297.5 | 1.5 | 0.003 | | | | 2.76 |
| CAOND110516 | 297.5 | 299.0 | 1.5 | 0.003 | | | | 2.79 |
| CAOND110517 | 299.0 | 300.0 | 1.0 | 0.244 | | | | 2.75 |

**Hole number:** KLUC18-497

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 8.0 | 12.0 | 80.00 | 100.00 | | | N | |
| 12.0 | 15.0 | 95.00 | 100.00 | | | N | |
| 15.0 | 18.0 | 100.00 | 100.00 | | | N | |
| 18.0 | 21.0 | 98.00 | 100.00 | | | N | |
| 21.0 | 24.0 | 98.00 | 100.00 | | | N | |
| 24.0 | 27.0 | 97.00 | 100.00 | | | N | |
| 27.0 | 30.0 | 92.00 | 100.00 | | | N | |
| 30.0 | 33.0 | 98.00 | 100.00 | | | N | |
| 33.0 | 36.0 | 95.00 | 100.00 | | | N | |
| 36.0 | 39.0 | 90.00 | 100.00 | | | N | |
| 39.0 | 42.0 | 98.00 | 100.00 | | | N | |
| 42.0 | 45.0 | 92.00 | 100.00 | | | N | |
| 45.0 | 48.0 | 92.00 | 100.00 | | | N | |
| 48.0 | 51.0 | 83.00 | 100.00 | | | N | |
| 51.0 | 54.0 | 98.00 | 100.00 | | | N | |
| 54.0 | 57.0 | 83.00 | 100.00 | | | N | |
| 57.0 | 60.0 | 92.00 | 100.00 | | | N | |
| 60.0 | 63.0 | 98.00 | 100.00 | | | N | |
| 63.0 | 66.0 | 98.00 | 100.00 | | | N | |
| 66.0 | 69.0 | 87.00 | 100.00 | | | N | |
| 69.0 | 72.0 | 72.00 | 100.00 | | | N | |
| 72.0 | 75.0 | 93.00 | 100.00 | | | N | |
| 75.0 | 78.0 | 100.00 | 100.00 | | | N | |
| 78.0 | 81.0 | 90.00 | 100.00 | | | N | |
| 81.0 | 84.0 | 77.00 | 100.00 | | | N | |
| 84.0 | 87.0 | 87.00 | 100.00 | | | N | |
| 87.0 | 90.0 | 93.00 | 100.00 | | | N | |
| 90.0 | 93.0 | 87.00 | 100.00 | | | N | |

**Hole number:** KLUC18-497

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 93.0 | 96.0 | 95.00 | 100.00 | | | N | |
| 96.0 | 99.0 | 98.00 | 100.00 | | | N | |
| 99.0 | 102.0 | 97.00 | 100.00 | | | N | |
| 102.0 | 105.0 | 100.00 | 100.00 | | | N | |
| 105.0 | 108.0 | 87.00 | 100.00 | | | N | |
| 108.0 | 111.0 | 93.00 | 100.00 | | | N | |
| 111.0 | 114.0 | 93.00 | 100.00 | | | N | |
| 114.0 | 117.0 | 98.00 | 100.00 | | | N | |
| 117.0 | 120.0 | 93.00 | 100.00 | | | N | |
| 120.0 | 123.0 | 100.00 | 100.00 | | | N | |
| 123.0 | 126.0 | 100.00 | 100.00 | | | N | |
| 126.0 | 129.0 | 100.00 | 100.00 | | | N | |
| 129.0 | 132.0 | 95.00 | 100.00 | | | N | |
| 132.0 | 135.0 | 60.00 | 100.00 | | | N | |
| 135.0 | 138.0 | 60.00 | 100.00 | | | N | |
| 138.0 | 141.0 | 100.00 | 100.00 | | | N | |
| 141.0 | 144.0 | 100.00 | 100.00 | | | N | |
| 144.0 | 147.0 | 100.00 | 100.00 | | | N | |
| 147.0 | 150.0 | 100.00 | 100.00 | | | N | |
| 150.0 | 153.0 | 97.00 | 100.00 | | | N | |
| 153.0 | 156.0 | 58.00 | 100.00 | | | N | |
| 156.0 | 159.0 | 100.00 | 100.00 | | | N | |
| 159.0 | 162.0 | 92.00 | 100.00 | | | N | |
| 162.0 | 165.0 | 100.00 | 100.00 | | | N | |
| 165.0 | 168.0 | 93.00 | 100.00 | | | N | |
| 168.0 | 171.0 | 100.00 | 100.00 | | | N | |
| 171.0 | 174.0 | 100.00 | 100.00 | | | N | |
| 174.0 | 177.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC18-497

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 177.0 | 180.0 | 100.00 | 100.00 | | | N | |
| 180.0 | 183.0 | 93.00 | 100.00 | | | N | |
| 183.0 | 186.0 | 97.00 | 100.00 | | | N | |
| 186.0 | 189.0 | 100.00 | 100.00 | | | N | |
| 189.0 | 192.0 | 93.00 | 100.00 | | | N | |
| 192.0 | 195.0 | 93.00 | 100.00 | | | N | |
| 195.0 | 198.0 | 92.00 | 100.00 | | | N | |
| 198.0 | 201.0 | 95.00 | 100.00 | | | N | |
| 201.0 | 204.0 | 100.00 | 100.00 | | | N | |
| 204.0 | 207.0 | 90.00 | 100.00 | | | N | |
| 207.0 | 210.0 | 100.00 | 100.00 | | | N | |
| 210.0 | 213.0 | 100.00 | 100.00 | | | N | |
| 213.0 | 216.0 | 98.00 | 100.00 | | | N | |
| 216.0 | 219.0 | 97.00 | 100.00 | | | N | |
| 219.0 | 222.0 | 98.00 | 100.00 | | | N | |
| 222.0 | 225.0 | 100.00 | 100.00 | | | N | |
| 225.0 | 228.0 | 100.00 | 100.00 | | | N | |
| 228.0 | 231.0 | 100.00 | 100.00 | | | N | |
| 231.0 | 234.0 | 100.00 | 100.00 | | | N | |
| 234.0 | 237.0 | 100.00 | 100.00 | | | N | |
| 237.0 | 240.0 | 100.00 | 100.00 | | | N | |
| 240.0 | 243.0 | 98.00 | 100.00 | | | N | |
| 243.0 | 246.0 | 100.00 | 100.00 | | | N | |
| 246.0 | 249.0 | 100.00 | 100.00 | | | N | |
| 249.0 | 252.0 | 93.00 | 100.00 | | | N | |
| 252.0 | 255.0 | 98.00 | 100.00 | | | N | |
| 255.0 | 258.0 | 98.00 | 100.00 | | | N | |
| 258.0 | 261.0 | 93.00 | 100.00 | | | N | |

**Hole number:** KLUC18-497

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 261.0 | 264.0 | 100.00 | 100.00 | | | N | |
| 264.0 | 267.0 | 100.00 | 100.00 | | | N | |
| 267.0 | 270.0 | 98.00 | 100.00 | | | N | |
| 270.0 | 273.0 | 98.00 | 100.00 | | | N | |
| 273.0 | 276.0 | 100.00 | 100.00 | | | N | |
| 276.0 | 279.0 | 98.00 | 100.00 | | | N | |
| 279.0 | 282.0 | 100.00 | 100.00 | | | N | |
| 282.0 | 285.0 | 100.00 | 100.00 | | | N | |
| 285.0 | 288.0 | 100.00 | 100.00 | | | N | |
| 288.0 | 291.0 | 98.00 | 100.00 | | | N | |
| 291.0 | 294.0 | 100.00 | 100.00 | | | N | |
| 294.0 | 297.0 | 100.00 | 100.00 | | | N | |
| 297.0 | 300.0 | 98.00 | 100.00 | | | N | |

AGNICO EAGLE

# DRILL HOLE REPORT

## EXPLORATION CANADA ONTARIO

**Hole number:** KLUC18-498 **Project Number:** U_Canada **Project name:** Upper Canada

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Historic hole number:** | | **Collar survey:** | | **From:** | 0.0 | **Coordinates:** | P |
| **System:** | METRIC | **Verified:** | | **To:** | 300.0 | **Grid:** | UTM83-17_CSRS-2010: |
| **Target:** | | **Gas:** | | **Depth:** | 300.0 | **North:** | 5,332,573.88 |
| **No. Claim:** | PAT-18800 | **Multishot survey:** | | **Location:** | Surface | **East:** | 586,921.48 |
| **Year:** | 2 018 | **Is making water:** | | **Core storage:** | Mine Site | **Elevation:** | 332.26 |
| **Date started:** | 8/2/2018 | **Object in hole:** | | **Contractor:** | Asinii Drilling | **Collar dip:** | -65.18 |
| **Date logged:** | 2018-08-09 | **Pulse EM survey:** | | **Logged by:** | Monica Oosterman | **Collar azimuth:** | 164.69 |
| **Date completed:** | 8/8/2018 | **Plugged:** | | **Signature:** | | | |
| **Core size:** | NQ | **Cemented:** | | | | | |
| **Hole type:** | DDH | **Branch:** | N | | | | |
| **Casing:** | Left in Hole, capped | **Reserve:** | | | | | |
| **Logging status:** | | | | | | | |
| **Rig number:** | | | | | | | |

**Additional sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Hexagonal core bare and 2 long shells
Gyro to 250m
No drill aligner use. Went with eye
157-256 no calcite in trachytes
87-97.55m fault zone
116.9-117.45m plag-feld-quartz vein

**Assay average**

| Average type | From | To | Length | Width | Zone | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Pb_ppm | Ni_ppm | As_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WEIGHTED | 15.0 | 24.4 | 9.4 | | | 0.489 | | | | | | |
| WEIGHTED | 24.0 | 24.7 | 0.7 | | | 2.760 | | | | | | |
| WEIGHTED | 119.5 | 123.2 | 3.7 | | | 1.006 | | | | | | |
| WEIGHTED | 121.0 | 122.0 | 1.0 | | | 1.825 | | | | | | |
| WEIGHTED | 152.0 | 153.5 | 1.5 | | | 1.115 | | | | | | |

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments | Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 164.69 | -65.18 | S | O | | 0.0 | 168.00 | -64.43 | G | | North Seaker Gyro |
| 10.0 | 168.77 | -64.51 | G | O | North Seaker Gyro | 20.0 | 168.10 | -64.38 | G | O | North Seaker Gyro |
| 22.0 | 167.73 | -64.16 | DS | | | 30.0 | 168.03 | -64.26 | G | O | North Seaker Gyro |

## Hole number: KLUC18-498

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 40.0 | 168.03 | -64.24 | G | O | North Seaker Gyro |
| 51.0 | 168.13 | -64.10 | DS | | |
| 70.0 | 168.02 | -64.05 | G | O | North Seaker Gyro |
| 81.0 | 168.73 | -63.70 | DS | | |
| 100.0 | 168.08 | -63.87 | G | O | North Seaker Gyro |
| 110.0 | 168.07 | -63.76 | G | O | North Seaker Gyro |
| 120.0 | 167.98 | -63.66 | G | O | North Seaker Gyro |
| 140.0 | 167.87 | -63.42 | G | O | North Seaker Gyro |
| 150.0 | 167.85 | -63.27 | G | O | North Seaker Gyro |
| 170.0 | 168.02 | -63.17 | G | O | North Seaker Gyro |
| 180.0 | 168.07 | -63.11 | G | O | North Seaker Gyro |
| 200.0 | 168.21 | -62.90 | G | O | North Seaker Gyro |
| 210.0 | 168.26 | -62.83 | G | O | North Seaker Gyro |
| 230.0 | 168.54 | -62.60 | G | O | North Seaker Gyro |
| 240.0 | 168.82 | -62.44 | G | O | North Seaker Gyro |
| 261.0 | 168.11 | -62.03 | DS | | 54888 |
| 50.0 | 168.07 | -64.21 | G | O | North Seaker Gyro |
| 60.0 | 167.94 | -64.15 | G | O | North Seaker Gyro |
| 80.0 | 168.00 | -63.96 | G | O | North Seaker Gyro |
| 90.0 | 168.09 | -63.91 | G | O | North Seaker Gyro |
| 108.0 | 168.37 | -63.50 | DS | | |
| 111.0 | 168.37 | -63.50 | DS | | |
| 130.0 | 167.95 | -63.57 | G | O | North Seaker Gyro |
| 141.0 | 168.67 | -63.17 | DS | | |
| 160.0 | 167.87 | -63.21 | G | O | North Seaker Gyro |
| 171.0 | 167.31 | -62.92 | DS | | |
| 190.0 | 168.09 | -63.02 | G | O | North Seaker Gyro |
| 202.0 | 167.78 | -62.80 | DS | | |
| 220.0 | 168.38 | -62.76 | G | O | North Seaker Gyro |
| 231.0 | 168.39 | -62.42 | DS | | 54392 |
| 250.0 | 169.20 | -62.41 | G | O | North Seaker Gyro |
| 291.0 | 169.32 | -61.62 | DS | O | EOH |

| Certificate |
|---|
| A19-810 |
| MXPA-SG001 |
| SD18200494 |
| SD18213829 |
| TM18206875 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE550518-001 | Excaon1 | CAOND110094 - CAOND110298<br>CAOND110737 - CAOND110753<br>CAOND110755 - CAOND111030 |
| CXE5505D18-003 | Excaon1 | CAOND110754 |
| CXE5505R19-025 | Excaon1 | CAOND109014<br>CAOND109018<br>CAOND109034<br>CAOND109038<br>CAOND109053<br>CAOND109056<br>CAOND109067<br>CAOND109072<br>CAOND109211<br>CAOND109287<br>CAOND109291<br>CAOND109294<br>CAOND109296 |

| Sample number | Standard |
|---|---|
| CAOND110520 | BLANK-DB |
| CAOND110530 | CDN-GS-5U-AEM |
| CAOND110545 | CDN-CM-28-AEM |
| CAOND110560 | CDN-CM-24-AEM |
| CAOND110570 | BLANK-DB |
| CAOND110575 | CDN-GS-5U-AEM |
| CAOND110590 | CDN-CM-28-AEM |
| CAOND110615 | CDN-CM-24-AEM |
| CAOND110620 | BLANK-DB |
| CAOND110630 | CDN-GS-5U-AEM |
| CAOND110645 | CDN-CM-28-AEM |
| CAOND110660 | CDN-CM-24-AEM |
| CAOND110670 | BLANK-DB |
| CAOND110675 | CDN-GS-5U-AEM |

**Hole number:** KLUC18-498

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND109318 |
| | | CAOND109357 |
| | | CAOND109369 |
| | | CAOND109435 |
| | | CAOND109438 |
| | | CAOND109495 |
| | | CAOND109503 |
| | | CAOND109528 |
| | | CAOND109535 |
| | | CAOND109557 |
| | | CAOND109564 |
| | | CAOND109674 |
| | | CAOND109677 |
| | | CAOND109689 |
| | | CAOND109691 |
| | | CAOND109704 |
| | | CAOND109710 |
| | | CAOND109729 |
| | | CAOND109751 |
| | | CAOND109757 |
| | | CAOND109764 |
| | | CAOND109781 |
| | | CAOND109787 |
| | | CAOND109796 - CAOND109797 |
| | | CAOND109818 |
| | | CAOND109836 |
| | | CAOND109839 |
| | | CAOND109874 - CAOND109875 |
| | | CAOND109890 |
| | | CAOND109940 |
| | | CAOND109974 |
| | | CAOND109984 |
| | | CAOND110011 |
| | | CAOND110056 - CAOND110057 |
| | | CAOND110062 |
| | | CAOND110073 |
| | | CAOND110113 |
| | | CAOND110161 |
| | | CAOND110163 |
| | | CAOND110174 |
| | | CAOND110198 |
| | | CAOND110213 |
| | | CAOND110236 |

| Sample number | Standard |
|---|---|
| CAOND110690 | CDN-CM-28-AEM |
| CAOND110715 | CDN-CM-24-AEM |
| CAOND110720 | BLANK-DB |
| CAOND110730 | CDN-GS-5U-AEM |
| CAOND110745 | CDN-CM-28-AEM |

**Hole number:** KLUC18-498

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND110240 |
| | | CAOND110249 |
| | | CAOND110261 |
| | | CAOND110270 |
| | | CAOND110322 |
| | | CAOND110328 |
| | | CAOND110340 |
| | | CAOND110355 |
| | | CAOND110362 |
| | | CAOND110379 |
| | | CAOND110382 - CAOND110383 |
| | | CAOND110398 |
| | | CAOND110434 |
| | | CAOND110438 |
| | | CAOND110441 |
| | | CAOND110443 |
| | | CAOND110468 |
| | | CAOND110496 |
| | | CAOND110502 |
| | | CAOND110514 |
| | | CAOND110523 |
| | | CAOND110539 |
| | | CAOND110544 |
| | | CAOND110552 |
| | | CAOND110572 |
| | | CAOND110593 - CAOND110595 |
| | | CAOND110603 |
| | | CAOND110633 |
| | | CAOND110664 - CAOND110665 |
| | | CAOND110683 |
| | | CAOND110694 |
| | | CAOND110710 |
| | | CAOND110712 - CAOND110713 |
| | | CAOND110808 |
| | | CAOND110813 |
| | | CAOND110837 |
| | | CAOND110871 |
| | | CAOND110885 |
| | | CAOND110948 |
| | | CAOND110951 |
| | | CAOND110956 |
| | | CAOND110978 |
| | | CAOND111098 |

**Hole number:** KLUC18-498

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND111129 |
| | | CAOND111178 |
| | | CAOND111262 |
| | | CAOND111277 |
| | | CAOND111286 |
| | | CAOND111385 |
| | | CAOND111446 |
| | | CAOND111448 |
| | | CAOND111455 |
| | | CAOND111481 |
| | | CAOND111513 |
| | | CAOND111529 |
| | | CAOND111558 |
| | | CAOND111606 |
| | | CAOND111629 |
| | | CAOND111634 |
| | | CAOND111673 |
| | | CAOND111686 |
| | | CAOND111690 |
| | | CAOND111709 |
| | | CAOND111734 |
| | | CAOND111747 |
| | | CAOND111752 |
| | | CAOND111763 |
| | | CAOND111774 |
| | | CAOND111794 |
| | | CAOND111806 |
| | | CAOND111838 |
| | | CAOND111842 |
| | | CAOND111876 |
| | | CAOND111878 |
| | | CAOND111881 |
| | | CAOND111889 |
| | | CAOND111913 |
| | | CAOND111954 |
| | | CAOND111988 |
| | | CAOND112048 |
| | | CAOND112084 |
| | | CAOND112097 |
| | | CAOND112123 |
| | | CAOND112128 |
| | | CAOND112154 |
| | | CAOND112187 |

**Hole number:** KLUC18-498

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND112214 |
| | | CAOND112218 |
| | | CAOND112223 - CAOND112224 |
| | | CAOND112263 |
| | | CAOND112286 |
| | | CAOND112309 |
| | | CAOND112410 |
| | | CAOND112434 |
| | | CAOND112474 |
| | | CAOND112485 |
| | | CAOND112505 |
| | | CAOND112513 |
| | | CAOND112537 |
| | | CAOND112559 |
| | | CAOND112584 |
| | | CAOND112606 |
| | | CAOND112632 |
| | | CAOND112676 |
| | | CAOND112704 |
| | | CAOND112757 |
| | | CAOND112789 |
| | | CAOND112794 |
| | | CAOND112798 |
| | | CAOND112811 - CAOND112812 |
| | | CAOND112832 |
| | | CAOND112837 |
| | | CAOND112846 |
| | | CAOND112855 |
| | | CAOND112865 |
| | | CAOND112917 |
| | | CAOND112937 |
| | | CAOND112957 |
| | | CAOND112971 |
| | | CAOND113672 |
| | | CAOND113777 |
| | | CAOND113779 |
| | | CAOND113781 |
| | | CAOND113789 |
| | | CAOND114014 |
| | | CAOND114020 |
| | | CAOND114187 |
| | | CAOND114221 |
| | | CAOND114264 |

**Hole number:** KLUC18-498

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND114276<br>CAOND115912<br>CAOND115926<br>CAOND115942<br>CAOND115959<br>CAOND115962<br>CAOND115999<br>CAOND116503<br>CAOND116522<br>CAOND116533<br>CAOND116542<br>CAOND116618<br>CAOND116620<br>CAOND116633<br>CAOND116642<br>CAOND116658<br>CAOND116660<br>CAOND116673 |
| KLUC18-0813 | Excaon1 | CAOND109210 - CAOND109500<br>CAOND109645<br>CAOND109660<br>CAOND109669 - CAOND109691<br>CAOND109693 - CAOND110000<br>CAOND110002 - CAOND110093<br>CAOND110115<br>CAOND110120<br>CAOND110130<br>CAOND110145<br>CAOND110160<br>CAOND110170<br>CAOND110175<br>CAOND110190<br>CAOND110215<br>CAOND110220<br>CAOND110230<br>CAOND110245<br>CAOND110260<br>CAOND110270<br>CAOND110275<br>CAOND110290<br>CAOND110501 - CAOND110519<br>CAOND110521 - CAOND110736<br>CAOND110754 |

## Hole number: KLUC18-498

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | KLUC18-495-LC2<br>KLUC18-499-LC1<br>KLUC18-501-LC1 |
| KLUC18-0815-2 | Excaon1 | CAOND110519 - CAOND110736<br>CAOND110754 |

*The sample list may content samples from other holes

**Major: From:** 0.00 **To:** 13.00 OVB, Overburden

**Major: From:** 13.00 **To:** 24.68 I2D, Syénite

Dark brick Red, massive to weakly foliated at 10 degrees (Fractures seem to follow foliation). Hematite alterartion, non-magnetic, trace disseminated pyrite. Rock is blocky

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

19.50, 20.10, PYR, DIS, 10.00, -, FGR, Cubes of pyrite. Some of the sulphide forms along fracture

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

13.50, 24.68, HEM+, PEN, STRONG, RED2_BASIC, FGR, -, -

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

13.50, 24.68, FRS, WEAK, 15.00, -, -, -, low angle fractures infilled with chlorite

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110519 | 13.5 | 15.0 | 1.5 | 0.018 | | | | 2.57 |
| CAOND110521 | 15.0 | 16.5 | 1.5 | 0.353 | | | | |
| CAOND110522 | 16.5 | 18.0 | 1.5 | 0.216 | | | | |
| CAOND110523 | 18.0 | 19.5 | 1.5 | 0.491 | | | | 2.73 |
| CAOND110524 | 19.5 | 21.0 | 1.5 | 0.444 | | | | 2.73 |
| CAOND110526 | 21.0 | 22.5 | 1.5 | 0.561 | | | | 2.78 |
| CAOND110527 | 22.5 | 24.0 | 1.5 | 0.201 | | | | 2.72 |
| CAOND110528 | 24.0 | 24.7 | 0.7 | 2.760 | | | | 2.77 |

**Major: From:** 24.68 **To:** 29.50 S3, GRAUWACKE

Fine grained, gray, non magentic, Sharp UCR at 25 degrees, gradational lower contact, weakly foliated, Bedded along foliation 20 degrees, 1% Pyrite. Weak sercite alteration. No calcite or hematite

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

24.68, 27.00, SER+, PEN, STRONG, GRY2_BASIC, FGR, -, -
27.00, 29.50, HEM+, PAT, MOD, RED2_BASIC, FGR, -, -
27.00, 29.50, SER+, PAT, MOD, GRY2_BASIC, FGR, -, -
28.45, 29.50, CHL+, FRF, MOD, RED_00001, FGR, -, healed fractures

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

24.68, 27.60, FOL, WEAK, 20.00, -, -, -, -
27.60, 27.85, BRC, WEAK, 15.00, -, -, -, -
28.45, 29.50, FRA, WEAK, 15.00, -, -, -, fracture infill with chlorite

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110529 | 24.7 | 26.0 | 1.3 | 0.076 | | | | 2.80 |
| CAOND110531 | 26.0 | 27.0 | 1.0 | 0.051 | | | | 2.83 |
| CAOND110532 | 27.0 | 28.5 | 1.5 | 0.155 | | | | 2.84 |
| CAOND110533 | 28.5 | 29.5 | 1.0 | 0.590 | | | | 2.76 |

## Hole number: KLUC18-498

**Major:** **From:** 29.50 **To:** 48.13 I2D, Syénite

Dark Red, fine grained, non magnetic, trace sulphide, foliated to brecciated, unit has late brittle deformation, increase in fractures with have been healed with chlorite. Breccia zones seen. Minor quartz pods. Sharp lower contact with seds at 45 degrees no calcite

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

29.50, 48.13, HEM+, PAT, MOD, RED2_BASIC, FGR, -, -
29.50, 48.13, SER+, PAT, MOD, GRY2_BASIC, FGR, -, -
29.50, 48.13, CHL+, FRF, MOD, RED_00001, FGR, -, healed fractures

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

29.50, 47.66, FRA, WEAK, 15.00, -, -, -, fracture infill with chlorite
45.80, 46.40, BRF, MOD, -, -, -, -, autobreccia with some plag clots
47.00, 48.13, BRC, STRONG, 20.00, -, -, -, Increased fractures infilled with chlroite.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110534 | 29.5 | 31.0 | 1.5 | 0.274 | | | | |
| CAOND110535 | 31.0 | 32.5 | 1.5 | 0.294 | | | | 2.74 |
| CAOND110536 | 32.5 | 34.0 | 1.5 | 0.428 | | | | 2.74 |
| CAOND110537 | 34.0 | 35.5 | 1.5 | 0.497 | | | | 2.72 |
| CAOND110538 | 35.5 | 37.0 | 1.5 | 0.613 | | | | 2.74 |
| CAOND110539 | 37.0 | 38.5 | 1.5 | 0.300 | | | | 2.76 |
| CAOND110540 | 38.5 | 40.0 | 1.5 | 0.207 | | | | 2.72 |
| CAOND110541 | 40.0 | 41.5 | 1.5 | 0.416 | | | | 2.76 |
| CAOND110542 | 41.5 | 43.0 | 1.5 | 0.421 | | | | 2.79 |
| CAOND110543 | 43.0 | 44.5 | 1.5 | 0.170 | | | | 2.77 |
| CAOND110544 | 44.5 | 46.0 | 1.5 | 0.092 | | | | 2.78 |
| CAOND110546 | 46.0 | 47.0 | 1.0 | 0.103 | | | | 2.82 |
| CAOND110547 | 47.0 | 48.1 | 1.1 | 0.310 | | | | 2.82 |

**Major:** **From:** 48.13 **To:** 80.44 S3, GRAUWACKE

Light gray, strongly foliated and progresses to crenulated and clotty looking. Increase in sercite alteration towards bottom of hole. 1% disseminated pyrite. minor pegmatite. No calcite in this unit. Weak hematite seen towards botom of hole. Sharp lower contact @15 degrees.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

48.13, 60.60, SER+, PEN, MOD, GRY2_BASIC, FGR, -, -
60.60, 63.00, HEM+, SEL, WEAK, PNK2_BASIC, FGR, -, -
63.00, 77.10, SER+, PEN, MOD, GRY2_BASIC, FGR, -, -
77.10, 80.44, HEM+, PAT, WEAK, PNK2_BASIC, FGR, -, -

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

48.13, 57.84, FOL, MOD, 40.00, -, -, -, foliation along bedding
57.84, 80.44, SHR, WEAK, 35.00, -, -, -, Start seeing crenulations and displacement of some of the beds. Rock gets very fine grained hard to make out grains

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110548 | 48.1 | 49.5 | 1.4 | 0.208 | | | | 2.79 |
| CAOND110549 | 49.5 | 51.0 | 1.5 | 0.086 | | | | 2.94 |
| CAOND110551 | 51.0 | 52.5 | 1.5 | 0.126 | | | | 2.80 |
| CAOND110552 | 52.5 | 54.0 | 1.5 | 0.143 | | | | 2.81 |
| CAOND110553 | 54.0 | 55.5 | 1.5 | 0.051 | | | | 2.79 |
| CAOND110554 | 55.5 | 57.0 | 1.5 | 0.079 | | | | 2.84 |
| CAOND110555 | 57.0 | 58.5 | 1.5 | 0.263 | | | | 2.79 |
| CAOND110556 | 58.5 | 60.0 | 1.5 | 0.241 | | | | 2.81 |
| CAOND110557 | 60.0 | 61.5 | 1.5 | 0.131 | | | | 2.85 |
| CAOND110558 | 61.5 | 63.0 | 1.5 | 0.022 | | | | 2.88 |
| CAOND110559 | 63.0 | 64.5 | 1.5 | 0.027 | | | | 2.82 |
| CAOND110561 | 64.5 | 66.0 | 1.5 | 0.041 | | | | 2.81 |
| CAOND110562 | 66.0 | 67.5 | 1.5 | 0.034 | | | | 2.82 |
| CAOND110563 | 67.5 | 69.0 | 1.5 | 0.065 | | | | 2.78 |
| CAOND110564 | 69.0 | 70.5 | 1.5 | 0.062 | | | | 2.85 |
| CAOND110565 | 70.5 | 72.0 | 1.5 | 0.031 | | | | 2.82 |
| CAOND110566 | 72.0 | 73.5 | 1.5 | 0.063 | | | | 2.80 |
| CAOND110567 | 73.5 | 75.0 | 1.5 | 0.120 | | | | 2.80 |

**Hole number:** KLUC18-498

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110568 | 75.0 | 76.5 | 1.5 | 0.118 | | | | 2.81 |
| CAOND110569 | 76.5 | 78.0 | 1.5 | 0.034 | | | | 2.81 |
| CAOND110571 | 78.0 | 79.5 | 1.5 | 0.132 | | | | 2.75 |
| CAOND110572 | 79.5 | 81.0 | 1.5 | 0.034 | | | | 2.78 |

**Major:** **From:** 80.44 **To:** 100.30 I2D, Syénite

Red brick colour, fine to medium grained. diffuse grains, non-magnetic, trace sulphides. Unit has low angel chlorite infilled fractures. Minor wormy plag-feldspar-quartz veins. Often havfe a chlorite rim around stringers which contian increased fine grained pyrite. In general pyrite is disseminated and forms in trace amount, isolated increase around stringers. Blocky ground, fault gauge, Fault zone at lower contact of unit

**MINOR INTERVAL**
87.00 - 87.50: CNR
**MINOR INTERVAL**
90.00 - 91.00: CNR

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
80.44, 87.00, HEM+, PEN, WEAK, PNK2_BASIC, FGR, -, -
80.44, 87.00, SER+, PEN, MOD, GRY2_BASIC, FGR, -, -
87.00, 100.30, SER+, PEN, STRONG, GRY2_BASIC, FGR, -, -
95.18, 100.30, HEM+, PEN, MOD, PNK2_BASIC, FGR, -, -

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
87.00, 97.55, FZN, STRONG, 40.00, -, -, -, /Healed fault, chaotic rock which vary from breccia, fault gauge, grain reduction. Fault seems to form at contact with syentite and graywacke
87.05, 89.00, BRR, STRONG, 30.00, -, -, -, lost core 38cm
90.50, 91.00, BRR, STRONG, -, -, -, -, Lost core 21cm
97.55, 100.30, FOL, STRONG, 30.00, -, -, -, Laminated looking

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110573 | 81.0 | 82.5 | 1.5 | 0.030 | | | | 2.77 |
| CAOND110574 | 82.5 | 84.0 | 1.5 | 0.061 | | | | |
| CAOND110576 | 84.0 | 85.5 | 1.5 | 0.043 | | | | |
| CAOND110577 | 85.5 | 87.0 | 1.5 | 0.040 | | | | |
| KLUC18-498-001CNR | 87.0 | 87.5 | 0.5 | | | | | |
| CAOND110578 | 87.5 | 88.0 | 0.5 | 0.044 | | | | |
| CAOND110579 | 88.0 | 89.0 | 1.0 | 0.055 | | | | |
| CAOND110581 | 89.0 | 90.0 | 1.0 | 0.102 | | | | |
| KLUC18-498-002CNR | 90.0 | 91.0 | 1.0 | | | | | |
| CAOND110582 | 91.0 | 92.5 | 1.5 | 0.034 | | | | |
| CAOND110583 | 92.5 | 94.0 | 1.5 | 0.016 | | | | |
| CAOND110584 | 94.0 | 94.5 | 0.5 | 0.023 | | | | |
| CAOND110585 | 94.5 | 96.0 | 1.5 | 0.135 | | | | |
| CAOND110586 | 96.0 | 97.5 | 1.5 | 0.143 | | | | |
| CAOND110587 | 97.5 | 99.0 | 1.5 | 0.185 | | | | |
| CAOND110588 | 99.0 | 100.3 | 1.3 | 0.194 | | | | |

**Major:** **From:** 100.30 **To:** 116.90 S3, GRAUWACKE

Light gray fine grained to medium grained, quartz grains can be seen, stronly foliated psbly along bedding, strong sercite, Contact is gradational. Minor quartz stringers less then 1cm form approximately every 0.5m, stringers are worm like. In general trace amount of sulphides. Intense shearing at approximatelyl 2m above the lower contact with vein.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
100.30, 116.90, SER+, PEN, STRONG, GRY2_BASIC, FGR, -, -

**STRUCTURE**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110589 | 100.3 | 101.5 | 1.2 | 0.045 | | | | |
| CAOND110591 | 101.5 | 103.0 | 1.5 | 0.030 | | | | |
| CAOND110592 | 103.0 | 104.5 | 1.5 | 0.028 | | | | |
| CAOND110593 | 104.5 | 106.0 | 1.5 | 0.018 | | | | |
| CAOND110594 | 106.0 | 107.5 | 1.5 | 0.042 | | | | |
| CAOND110595 | 107.5 | 109.0 | 1.5 | 0.030 | | | | |
| CAOND110596 | 109.0 | 110.5 | 1.5 | 0.039 | | | | |

**Hole number:** KLUC18-498

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
100.30, 115.48, FOL, STRONG, 30.00, -, -, -, Laminated looking
115.48, 115.90, MNC, MOD, 30.00, -, -, -, ribbon texture, aphantic
115.90, 116.90, PMN, MOD, 25.00, -, -, -, irregular bands which are aphantic

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110597 | 110.5 | 112.0 | 1.5 | 0.022 | | | | |
| CAOND110598 | 112.0 | 113.5 | 1.5 | 0.036 | | | | |
| CAOND110599 | 113.5 | 115.0 | 1.5 | 0.039 | | | | |
| CAOND110601 | 115.0 | 116.0 | 1.0 | 0.380 | | | | |
| CAOND110602 | 116.0 | 116.9 | 0.9 | 0.436 | | | | |

**Major:** **From:** 116.90 **To:** 117.45 VN, Veine

Plag-feldspar-quartz vein. Discontinous and dismembered appearing blocky, 1% disseminated seen in wallrock.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
116.90, 117.45, HEM+, PEN, MOD, PNK2_BASIC, FGR, -, -

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
116.90, 117.45, QTZ, 5.00, -, -, -, -, PNK2_BASIC, -, DFM, PYR, .10, Discountous blocky looking vein.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110603 | 116.9 | 117.5 | 0.6 | 0.222 | | | | |

**Major:** **From:** 117.45 **To:** 119.50 S3, GRAUWACKE

Fine grained grey walk, stronly foliated, chlorite infilling on cleavage plans. Trace amount of sulphide. Irrgular sharp upper contact and sharp lower contact at 45 degrees

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
117.45, 117.90, HEM+, PEN, MOD, PNK2_BASIC, FGR, -, -
117.90, 119.50, SER+, PEN, STRONG, GRY2_BASIC, FGR, -, -

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
117.95, 119.50, FOL, MOD, 35.00, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110604 | 117.5 | 118.0 | 0.6 | 0.593 | | | | |
| CAOND110605 | 118.0 | 119.5 | 1.5 | 0.284 | | | | |

**Major:** **From:** 119.50 **To:** 123.23 I2D, Syénite

Dark brick red, fine grained, strongly foliated with chorite froming along cleavage planes. Disseminated pyrite forms with chlorite 1%. no calcite.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
119.50, 123.23, HEM+, PEN, STRONG, RED2_BASIC, -, -, -

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
119.50, 123.23, FOL, MOD, 35.00, -, -, -, foliated along cleavage plane infilled with chlorite

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110606 | 119.5 | 121.0 | 1.5 | 0.504 | | | | |
| CAOND110607 | 121.0 | 122.0 | 1.0 | 1.825 | | | | |
| CAOND110608 | 122.0 | 123.2 | 1.2 | 0.952 | | | | |

**Hole number:** KLUC18-498

**Major:** **From:** 123.23 **To:** 143.45 S3, GRAUWACKE

Light grey, fine grained, visible quartz veins, strongly foliated and strong sericite, irregular lamination froming at regular mm spacing, some areas show crenulation and wavy textures. In guenera rock is uniform looking. Trace disseminated pyrite. Non magnetic, no calcite. Possibly a V8Lt which has been silicified.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

123.23, 127.00, SER+, PEN, STRONG, GRY2_BASIC, FGR, -, -
127.00, 128.00, HEM+, PEN, WEAK, PNK2_BASIC, FGR, -, -
128.00, 137.00, SER+, PEN, MOD, GRY2_BASIC, -, -, -

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

123.23, 123.65, CCT, WEAK, 35.00, -, -, -, small segment forms at different foliation then 35. Though to be a slip plan. Can see quartz vn cut off by 35 degree fabric
128.70, 130.90, CRN, MOD, 50.00, -, -, -, -
130.90, 143.45, FOL, STRONG, 35.00, -, -, -, -

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

142.77, 142.90, QTZ, 5.00, 45.00, -, -, -, GRY_00025, 1.00, DFM, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110609 | 123.2 | 124.5 | 1.3 | 0.064 | | | | |
| CAOND110610 | 124.5 | 126.0 | 1.5 | 0.328 | | | | |
| CAOND110611 | 126.0 | 127.5 | 1.5 | 0.140 | | | | |
| CAOND110612 | 127.5 | 129.0 | 1.5 | 0.108 | | | | |
| CAOND110613 | 129.0 | 130.5 | 1.5 | 0.021 | | | | |
| CAOND110614 | 130.5 | 132.0 | 1.5 | 0.077 | | | | |
| CAOND110616 | 132.0 | 133.5 | 1.5 | 0.041 | | | | |
| CAOND110617 | 133.5 | 135.0 | 1.5 | 0.013 | | | | |
| CAOND110618 | 135.0 | 136.5 | 1.5 | 0.088 | | | | |
| CAOND110619 | 136.5 | 138.0 | 1.5 | 0.121 | | | | |
| CAOND110621 | 138.0 | 139.5 | 1.5 | 0.028 | | | | |
| CAOND110622 | 139.5 | 141.0 | 1.5 | 0.043 | | | | |
| CAOND110623 | 141.0 | 142.5 | 1.5 | 0.283 | | | | |
| CAOND110624 | 142.5 | 143.5 | 0.9 | 0.823 | | | | |

**Major:** **From:** 143.45 **To:** 157.00 I2D, Syénite

Dark black and white, weakly magnetic, fine grained moderately foliated, foliation intensity increases near contacts gradational contacts. Increase in magnetite towards contacts. Areas appear crenulatied . No calcite alteration and weak spotty hematite. Fine grained disseminated pyrite.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

143.45, 149.00, CHL+, SEL, MOD, GRN2_BASIC, -, -, -
149.00, 157.00, HEM+, PAT, WEAK, PNK2_BASIC, FGR, -, -

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

143.45, 143.46, CCT, STRONG, 50.00, -, -, -, sharp
143.46, 148.50, CRN, STRONG, 30.00, -, -, -, small scale Rideal structure, with crenulations along 1cm wide slip plans, displacment is minimal. disconious longezes. CM scale
148.50, 154.76, FOL, WEAK, 40.00, -, -, -, -
154.76, 157.00, CRN, MOD, 35.00, -, -, -, Crenulated genarl fabric of rock which gives the rocks a jagged appearance. Fabric forms at 40 crenulation at 80

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110626 | 143.5 | 144.5 | 1.1 | 0.011 | | | | |
| CAOND110627 | 144.5 | 146.0 | 1.5 | 0.467 | | | | |
| CAOND110628 | 146.0 | 147.5 | 1.5 | 0.091 | | | | |
| CAOND110629 | 147.5 | 149.0 | 1.5 | 0.025 | | | | |
| CAOND110631 | 149.0 | 150.5 | 1.5 | 0.044 | | | | |
| CAOND110632 | 150.5 | 152.0 | 1.5 | 0.120 | | | | |
| CAOND110633 | 152.0 | 153.5 | 1.5 | 1.115 | | | | |
| CAOND110634 | 153.5 | 155.0 | 1.5 | 0.092 | | | | |
| CAOND110635 | 155.0 | 156.5 | 1.5 | 0.015 | | | | |
| CAOND110636 | 156.5 | 158.0 | 1.5 | 0.069 | | | | |

## Hole number: KLUC18-498

**Major:** **From:** 157.00 **To:** 167.00 V8mtl, Trachyte mafic tuff lapilli

Medium grained, dark grey to black and white, salt and pepper, strongly magnetic, no calcite, weak sercite, increase fine grained pyrite with increase in sercite alteration (light gray colour rock). Several folds noted. Unit is chaotic looking.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

157.00, 161.00, HEM+, PAT, WEAK, PNK2_BASIC, FGR, -, -

161.00, 167.00, SER+, PEN, STRONG, GRY_00025, FGR, -, -

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

157.00, 163.60, CRN, MOD, 35.00, -, -, -, Crenulated genarl fabric of rock which gives the rocks a jagged appearance. Fabric forms at 40 crenulation at 80

163.60, 164.50, FOL, STRONG, 35.00, -, -, -, -

164.50, 166.50, FLD, STRONG, 40.00, -, -, -, three fold noses seen in core. Fabric of rock varies from 15 to 40.

166.50, 167.00, FOL, STRONG, 20.00, -, -, -, possible fold nose

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110637 | 158.0 | 159.5 | 1.5 | 0.035 | | | | |
| CAOND110638 | 159.5 | 161.0 | 1.5 | 0.034 | | | | |
| CAOND110639 | 161.0 | 162.5 | 1.5 | 0.066 | | | | |
| CAOND110640 | 162.5 | 163.6 | 1.1 | 0.049 | | | | |
| CAOND110641 | 163.6 | 165.0 | 1.4 | 0.008 | | | | |
| CAOND110642 | 165.0 | 166.5 | 1.5 | 0.011 | | | | |
| CAOND110643 | 166.5 | 168.0 | 1.5 | 0.009 | | | | |

**Major:** **From:** 167.00 **To:** 222.00 V8mt, Trachyte mafic tuff

Dark gray to black and white, weakly foliated to massive, strongly magnetic, no calcite. medium grained, fairly homogenous unit. Gradational contacts, Minor quartz feldspar plage veins seen through out unit, veins are wavy and irregular. Trace amounts of sulphide with concentrations along chloritized cleavage plans.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

167.00, 168.00, SER+, PEN, STRONG, GRY_00025, FGR, -, -

168.00, 222.00, SER+, PEN, MOD, GRY_00025, FGR, -, -

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

167.00, 173.50, FOL, STRONG, 20.00, -, -, -, possible fold nose

176.00, 183.00, FOL, STRONG, 40.00, -, -, -, Possible limb of fold

197.00, 222.00, FOL, MOD, 25.00, -, -, -, -

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

173.40, 174.50, QTZ, 3.00, 50.00, -, -, -, PNK2_BASIC, -, DFM, POT, 1.00, Irregular wavy veins apprximately 1cm wide.

183.90, 184.56, QTZ, 1.00, 50.00, -, -, -, PNK2_BASIC, 1.00, DFM, -, -, purple looking quartz veins as well as feldspar and plage veins. xcutting relationships of veins.

202.45, 202.80, QTZ, 1.00, -, -, -, -, PRP2_BASIC, -, DFM, PYR, 2.00, purplish quartz veins, stronly deformed into posds. discontinous.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110644 | 168.0 | 169.5 | 1.5 | 0.014 | | | | |
| CAOND110646 | 169.5 | 171.0 | 1.5 | 0.017 | | | | |
| CAOND110647 | 171.0 | 172.5 | 1.5 | 0.008 | | | | |
| CAOND110648 | 172.5 | 173.5 | 1.0 | 0.008 | | | | |
| CAOND110649 | 173.5 | 174.5 | 1.0 | 0.009 | | | | |
| CAOND110651 | 174.5 | 176.0 | 1.6 | 0.033 | | | | |
| CAOND110652 | 176.0 | 177.5 | 1.5 | 0.009 | | | | |
| CAOND110653 | 177.5 | 179.0 | 1.5 | 0.006 | | | | |
| CAOND110654 | 179.0 | 180.5 | 1.5 | 0.003 | | | | |
| CAOND110655 | 180.5 | 182.0 | 1.5 | 0.088 | | | | |
| CAOND110656 | 182.0 | 183.0 | 1.0 | 0.003 | | | | |
| CAOND110657 | 183.0 | 183.9 | 0.9 | 0.003 | | | | |
| CAOND110658 | 183.9 | 184.6 | 0.7 | 0.003 | | | | |
| CAOND110659 | 184.6 | 186.0 | 1.4 | 0.009 | | | | |
| CAOND110661 | 186.0 | 187.5 | 1.5 | 0.029 | | | | |
| CAOND110662 | 187.5 | 189.0 | 1.5 | 0.020 | | | | |
| CAOND110663 | 189.0 | 190.5 | 1.5 | 0.051 | | | | |
| CAOND110664 | 190.5 | 192.0 | 1.5 | 0.103 | | | | |

**Hole number:** KLUC18-498

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110665 | 192.0 | 193.5 | 1.5 | 0.085 | | | | |
| CAOND110666 | 193.5 | 195.0 | 1.5 | 0.047 | | | | |
| CAOND110667 | 195.0 | 196.5 | 1.5 | 0.060 | | | | |
| CAOND110668 | 196.5 | 198.0 | 1.5 | 0.077 | | | | |
| CAOND110669 | 198.0 | 199.5 | 1.5 | 0.047 | | | | |
| CAOND110671 | 199.5 | 201.0 | 1.5 | 0.112 | | | | |
| CAOND110672 | 201.0 | 201.7 | 0.7 | 0.027 | | | | |
| CAOND110673 | 201.7 | 203.0 | 1.3 | 0.048 | | | | |
| CAOND110674 | 203.0 | 204.5 | 1.5 | 0.013 | | | | |
| CAOND110676 | 204.5 | 206.0 | 1.5 | 0.006 | | | | |
| CAOND110677 | 206.0 | 207.5 | 1.5 | 0.003 | | | | |
| CAOND110678 | 207.5 | 209.0 | 1.5 | 0.007 | | | | |
| CAOND110679 | 209.0 | 210.5 | 1.5 | 0.031 | | | | |
| CAOND110681 | 210.5 | 212.0 | 1.5 | 0.003 | | | | |
| CAOND110682 | 212.0 | 213.5 | 1.5 | 0.039 | | | | |
| CAOND110683 | 213.5 | 214.5 | 1.0 | 0.005 | | | | |
| CAOND110684 | 214.5 | 215.5 | 1.0 | 0.025 | | | | |
| CAOND110685 | 215.5 | 217.0 | 1.5 | 0.714 | | | | |
| CAOND110686 | 217.0 | 218.5 | 1.5 | 0.054 | | | | |
| CAOND110687 | 218.5 | 220.0 | 1.5 | 0.003 | | | | |
| CAOND110688 | 220.0 | 221.0 | 1.0 | 0.003 | | | | |
| CAOND110689 | 221.0 | 222.0 | 1.0 | 0.006 | | | | |

**Major:** **From:** 222.00 **To:** 254.30 V8mtl, Trachyte mafic tuff lapilli

Medium grained, dark grey to black and white, salt and pepper, strongly magnetite, no calcite, weak sercite, fine grained pyrite in trace amounts, often seen associated with mafic minerals. Stronlyly foliated. Fragments are stretched along foliation Variable textued rock.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

246.58, 246.86, PYR, DIS, 15.00, -, FGR, Fine grained dusting in felsics and mafics.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

222.00, 254.30, SER+, PEN, MOD, GRY_00025, FGR, -, -

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110691 | 222.0 | 223.5 | 1.5 | 0.016 | | | | |
| CAOND110692 | 223.5 | 225.0 | 1.5 | 0.003 | | | | |
| CAOND110693 | 225.0 | 226.5 | 1.5 | 0.003 | | | | |
| CAOND110694 | 226.5 | 228.0 | 1.5 | 0.016 | | | | |
| CAOND110695 | 228.0 | 229.5 | 1.5 | 0.038 | | | | |
| CAOND110696 | 229.5 | 231.0 | 1.5 | 0.011 | | | | |
| CAOND110697 | 231.0 | 232.5 | 1.5 | 0.003 | | | | |
| CAOND110698 | 232.5 | 234.0 | 1.5 | 0.012 | | | | |
| CAOND110754 | 234.0 | 235.5 | 1.5 | 0.005 | | | | |
| CAOND110699 | 235.5 | 237.0 | 1.5 | 0.003 | | | | |

**Hole number:** KLUC18-498

222.00, 248.00, FOL, MOD, 25.00, -, -, -, -
248.00, 254.30, FOL, WEAK, 35.00, -, -, -, Can still make out fragments, fragments are aligned along foliation

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
253.36, 253.46, QTZ, 1.00, 40.00, -, -, -, GRY2_BASIC, 1.00, APY, PYR, .10, cherty looking gray fine graine quartz veins, sharp contacts and not wavy.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110701 | 237.0 | 238.5 | 1.5 | 0.005 | | | | |
| CAOND110702 | 238.5 | 240.0 | 1.5 | 0.011 | | | | |
| CAOND110703 | 240.0 | 241.5 | 1.5 | 0.003 | | | | |
| CAOND110704 | 241.5 | 243.0 | 1.5 | 0.077 | | | | |
| CAOND110705 | 243.0 | 244.5 | 1.5 | 0.022 | | | | |
| CAOND110706 | 244.5 | 246.0 | 1.5 | 0.003 | | | | |
| CAOND110707 | 246.0 | 247.0 | 1.0 | 0.037 | | | | |
| CAOND110708 | 247.0 | 248.0 | 1.0 | 0.048 | | | | |
| CAOND110709 | 248.0 | 249.5 | 1.5 | 0.019 | | | | |
| CAOND110710 | 249.5 | 251.0 | 1.5 | 0.006 | | | | |
| CAOND110711 | 251.0 | 252.0 | 1.0 | 0.003 | | | | |
| CAOND110712 | 252.0 | 253.0 | 1.0 | 0.003 | | | | |
| CAOND110713 | 253.0 | 254.3 | 1.3 | 0.011 | | | | |

**Major:** **From:** 254.30 **To:** 256.20 S1, CONGLOMÉRAT

Fine grained, light gray, non magnetic, minor rounded pink fragments, matrix support,. moderate sercite, trace sulphide. Sharp LCt at 45 broken UCt

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
254.30, 256.20, SER+, PEN, MOD, GRY_00025, FGR, -, -

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
254.30, 256.20, FOL, WEAK, 35.00, -, -, -, Can still make out fragments, fragments are aligned along foliation

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110714 | 254.3 | 255.0 | 0.7 | 0.030 | | | | |
| CAOND110716 | 255.0 | 256.2 | 1.2 | 0.032 | | | | |

**Major:** **From:** 256.20 **To:** 271.00 V8mtl, Trachyte mafic tuff lapilli

Medium grained, dark grey to black and white, salt and pepper, stronly magnetic, moderate amount of calcite, weak sercite, clasts are more defined aligned along foliation, weak foliation. Weak hematite alteration. Minimal disseminated pyrite. Lower contadct is gradational

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
256.20, 271.00, SER+, PEN, MOD, GRY_00025, FGR, -, -

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
256.20, 271.00, FOL, WEAK, 35.00, -, -, -, Can still make out fragments, fragments are aligned along foliation

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110717 | 256.2 | 257.0 | 0.8 | 0.021 | | | | |
| CAOND110718 | 257.0 | 258.5 | 1.5 | 0.005 | | | | |
| CAOND110719 | 258.5 | 260.0 | 1.5 | 0.003 | | | | |
| CAOND110721 | 260.0 | 261.5 | 1.5 | 0.003 | | | | |
| CAOND110722 | 261.5 | 263.0 | 1.5 | 0.003 | | | | |
| CAOND110723 | 263.0 | 264.5 | 1.5 | 0.009 | | | | |
| CAOND110724 | 264.5 | 266.0 | 1.5 | 0.011 | | | | |
| CAOND110726 | 266.0 | 267.5 | 1.5 | 0.003 | | | | |
| CAOND110727 | 267.5 | 269.0 | 1.5 | 0.003 | | | | |

**Hole number:** KLUC18-498

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110728 | 269.0 | 270.0 | 1.0 | 0.003 | | | | |
| CAOND110729 | 270.0 | 271.0 | 1.0 | 0.003 | | | | |

**Major:** **From:** 271.00 **To:** 272.43 S3, GRAUWACKE

Fine grained, light gray, non magnetic, gradational contacts odd rounded clast, 5% pyrite forms associated with low angle chlorite filled fractures. Unit is strongly foliated, strong sercite, bleached looking, several low angle feldspathic stringers which ar e narrow.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

271.00, 272.43, PYR, DIS, 5.00, -, FGR, fine grained disseminated assoicated with low angle fractures infilled with chlorite.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

271.00, 272.43, SER+, PEN, MOD, GRY_00025, FGR, -, -

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

271.00, 272.43, FOL, MOD, 15.00, -, -, -, associated with pyrite

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110731 | 271.0 | 272.4 | 1.4 | 0.287 | | | | |

**Major:** **From:** 272.43 **To:** 300.00 V8mtl, Trachyte mafic tuff lapilli

Medium grained, dark grey to black and and pink,, stronly magnetic, strong calcite seen with hematite in felsic wisps. Strong fabric to rock, rock is uniform in appearance but chaotic looking. Fine grained dusting of pyrite up to 5%. sulphides associated with dark matrix

**MINOR INTERVAL**

275.70 - 276.90: S3Light gray, fine grained, non magnetic, trace pyrite.

**MINOR INTERVAL**

281.15 - 281.83: S3Dark gray black, tiger strips, strong foliation, non magnetic, weak hematite, strong calcite associated with hematite. Sharp contacts @40

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

283.00, 300.00, PYR, DIS, 3.00, -, FGR, -

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

273.43, 300.00, CAL+, SEL, STRONG, GRY_00025, FGR, -, wisps associated with Hematite

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

272.43, 275.70, FOL, WEAK, 30.00, -, -, -, Can still make out fragments, fragments are aligned along

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110732 | 272.4 | 273.5 | 1.1 | 0.012 | | | | |
| CAOND110733 | 273.5 | 275.0 | 1.5 | 0.006 | | | | |
| CAOND110734 | 275.0 | 276.5 | 1.5 | 0.003 | | | | |
| CAOND110735 | 276.5 | 278.0 | 1.5 | 0.003 | | | | |
| CAOND110736 | 278.0 | 279.5 | 1.5 | 0.005 | | | | |
| CAOND110737 | 279.5 | 281.0 | 1.5 | 0.007 | | | | |
| CAOND110738 | 281.0 | 281.8 | 0.8 | 0.003 | | | | |
| CAOND110739 | 281.8 | 283.0 | 1.2 | 0.003 | | | | |
| CAOND110740 | 283.0 | 284.5 | 1.5 | 0.023 | | | | |
| CAOND110741 | 284.5 | 286.0 | 1.5 | 0.063 | | | | |
| CAOND110742 | 286.0 | 287.5 | 1.5 | 0.005 | | | | |
| CAOND110743 | 287.5 | 289.0 | 1.5 | 0.003 | | | | |
| CAOND110744 | 289.0 | 290.0 | 1.0 | 0.003 | | | | |
| CAOND110746 | 290.0 | 291.0 | 1.0 | 0.005 | | | | |
| CAOND110747 | 291.0 | 292.5 | 1.5 | 0.095 | | | | |
| CAOND110748 | 292.5 | 294.0 | 1.5 | 0.318 | | | | |

**Hole number:** KLUC18-498

foliation
275.70, 276.90, FOL, MOD, 40.00, -, -, -, in sediment
276.90, 281.15, FOL, MOD, 40.00, -, -, -, fragments are getting tails and have ragged edges. Alteration is strong
281.15, 281.83, FOL, STRONG, 40.00, -, -, -, tiger striped
281.83, 300.00, FOL, STRONG, 40.00, -, -, -, Wispy chaotic looking fragments.

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
272.43, 300.00, CAL, SEL, 5.00, GRY_00025, FGR, with hematite

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110749 | 294.0 | 295.5 | 1.5 | 0.138 | | | | |
| CAOND110751 | 295.5 | 297.0 | 1.5 | 0.081 | | | | |
| CAOND110752 | 297.0 | 298.5 | 1.5 | 0.082 | | | | |
| CAOND110753 | 298.5 | 300.0 | 1.5 | 0.058 | | | | |

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 0.0 | 15.0 | 30.00 | 100.00 | | | N | |
| 15.0 | 18.0 | 67.00 | 100.00 | | | N | |
| 18.0 | 21.0 | 92.00 | 100.00 | | | N | |
| 21.0 | 24.0 | 93.00 | 100.00 | | | N | |
| 24.0 | 27.0 | 80.00 | 100.00 | | | N | |
| 27.0 | 30.0 | 70.00 | 100.00 | | | N | |
| 30.0 | 33.0 | 88.00 | 100.00 | | | N | |
| 33.0 | 36.0 | 78.00 | 100.00 | | | N | |
| 36.0 | 39.0 | 88.00 | 100.00 | | | N | |
| 39.0 | 42.0 | 98.00 | 100.00 | | | N | |
| 42.0 | 45.0 | 85.00 | 100.00 | | | N | |
| 45.0 | 48.0 | 82.00 | 100.00 | | | N | |
| 48.0 | 51.0 | 87.00 | 100.00 | | | N | |
| 51.0 | 54.0 | 80.00 | 100.00 | | | N | |
| 54.0 | 57.0 | 100.00 | 100.00 | | | N | |
| 57.0 | 60.0 | 98.00 | 100.00 | | | N | |
| 60.0 | 63.0 | 80.00 | 100.00 | | | N | |
| 63.0 | 66.0 | 100.00 | 100.00 | | | N | |
| 66.0 | 69.0 | 100.00 | 100.00 | | | N | |
| 69.0 | 72.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC18-498

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 72.0 | 75.0 | 100.00 | 100.00 | | | N | |
| 75.0 | 78.0 | 100.00 | 100.00 | | | N | |
| 78.0 | 81.0 | 97.00 | 100.00 | | | N | |
| 81.0 | 84.0 | 98.00 | 100.00 | | | N | |
| 84.0 | 87.0 | 100.00 | 100.00 | | | N | |
| 87.0 | 90.0 | 43.00 | 100.00 | | | N | |
| 90.0 | 93.0 | 63.00 | 100.00 | | | N | |
| 93.0 | 96.0 | 100.00 | 100.00 | | | N | |
| 96.0 | 99.0 | 98.00 | 100.00 | | | N | |
| 99.0 | 102.0 | 98.00 | 100.00 | | | N | |
| 102.0 | 105.0 | 98.00 | 100.00 | | | N | |
| 105.0 | 108.0 | 95.00 | 100.00 | | | N | |
| 108.0 | 111.0 | 100.00 | 100.00 | | | N | |
| 111.0 | 114.0 | 98.00 | 100.00 | | | N | |
| 114.0 | 117.0 | 93.00 | 100.00 | | | N | |
| 117.0 | 120.0 | 93.00 | 100.00 | | | N | |
| 120.0 | 123.0 | 97.00 | 100.00 | | | N | |
| 123.0 | 126.0 | 92.00 | 100.00 | | | N | |
| 126.0 | 129.0 | 100.00 | 100.00 | | | N | |
| 129.0 | 132.0 | 100.00 | 100.00 | | | N | |
| 132.0 | 135.0 | 97.00 | 100.00 | | | N | |
| 135.0 | 138.0 | 98.00 | 100.00 | | | N | |
| 138.0 | 141.0 | 100.00 | 100.00 | | | N | |
| 141.0 | 144.0 | 53.00 | 100.00 | | | N | |
| 144.0 | 147.0 | 100.00 | 100.00 | | | N | |
| 147.0 | 150.0 | 95.00 | 100.00 | | | N | |
| 150.0 | 153.0 | 73.00 | 100.00 | | | N | |
| 153.0 | 156.0 | 90.00 | 100.00 | | | N | |

**Hole number:** KLUC18-498

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 156.0 | 159.0 | 98.00 | 100.00 | | | N | |
| 159.0 | 162.0 | 98.00 | 100.00 | | | N | |
| 162.0 | 165.0 | 97.00 | 100.00 | | | N | |
| 165.0 | 168.0 | 92.00 | 100.00 | | | N | |
| 168.0 | 171.0 | 93.00 | 100.00 | | | N | |
| 171.0 | 174.0 | 100.00 | 100.00 | | | N | |
| 174.0 | 177.0 | 100.00 | 100.00 | | | N | |
| 177.0 | 180.0 | 100.00 | 100.00 | | | N | |
| 180.0 | 183.0 | 100.00 | 100.00 | | | N | |
| 183.0 | 186.0 | 98.00 | 100.00 | | | N | |
| 186.0 | 189.0 | 100.00 | 100.00 | | | N | |
| 189.0 | 192.0 | 100.00 | 100.00 | | | N | |
| 192.0 | 195.0 | 100.00 | 100.00 | | | N | |
| 195.0 | 198.0 | 100.00 | 100.00 | | | N | |
| 198.0 | 201.0 | 98.00 | 100.00 | | | N | |
| 201.0 | 204.0 | 100.00 | 100.00 | | | N | |
| 204.0 | 207.0 | 100.00 | 100.00 | | | N | |
| 207.0 | 210.0 | 100.00 | 100.00 | | | N | |
| 210.0 | 213.0 | 93.00 | 100.00 | | | N | |
| 213.0 | 216.0 | 98.00 | 100.00 | | | N | |
| 216.0 | 219.0 | 100.00 | 100.00 | | | N | |
| 219.0 | 222.0 | 100.00 | 100.00 | | | N | |
| 222.0 | 225.0 | 100.00 | 100.00 | | | N | |
| 225.0 | 228.0 | 100.00 | 100.00 | | | N | |
| 228.0 | 231.0 | 98.00 | 100.00 | | | N | |
| 231.0 | 234.0 | 98.00 | 100.00 | | | N | |
| 234.0 | 237.0 | 97.00 | 100.00 | | | N | |
| 237.0 | 240.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC18-498

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 240.0 | 243.0 | 97.00 | 100.00 | | | N | |
| 243.0 | 246.0 | 100.00 | 100.00 | | | N | |
| 246.0 | 249.0 | 97.00 | 100.00 | | | N | |
| 249.0 | 252.0 | 97.00 | 100.00 | | | N | |
| 252.0 | 255.0 | 100.00 | 100.00 | | | N | |
| 255.0 | 258.0 | 95.00 | 100.00 | | | N | |
| 258.0 | 261.0 | 97.00 | 100.00 | | | N | |
| 261.0 | 264.0 | 98.00 | 100.00 | | | N | |
| 264.0 | 267.0 | 98.00 | 100.00 | | | N | |
| 267.0 | 270.0 | 97.00 | 100.00 | | | N | |
| 270.0 | 273.0 | 100.00 | 100.00 | | | N | |
| 273.0 | 276.0 | 98.00 | 100.00 | | | N | |
| 276.0 | 279.0 | 98.00 | 100.00 | | | N | |
| 279.0 | 282.0 | 100.00 | 100.00 | | | N | |
| 282.0 | 285.0 | 92.00 | 100.00 | | | N | |
| 285.0 | 288.0 | 92.00 | 100.00 | | | N | |
| 288.0 | 291.0 | 97.00 | 100.00 | | | N | |
| 291.0 | 294.0 | 100.00 | 100.00 | | | N | |
| 294.0 | 297.0 | 100.00 | 100.00 | | | N | |
| 297.0 | 300.0 | 98.00 | 100.00 | | | N | |

AGNICO EAGLE

# DRILL HOLE REPORT

EXPLORATION CANADA
ONTARIO

**Hole number:** KLUC18-499 **Project Number:** U_Canada **Project name:** Upper Canada

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Historic hole number:** | | **Collar survey:** | N | **From:** | 0.0 | **Coordinates:** | P |
| **System:** | METRIC | **Verified:** | N | **To:** | 48.1 | **Grid:** | UTM83-17_CSRS-2010: |
| **Target:** | UC_UPPER_L_ZONE | **Gas:** | N | **Depth:** | 48.1 | **North:** | 5,332,831.28 |
| **No. Claim:** | PAT-18797 | **Multishot survey:** | N | **Location:** | Surface | **East:** | 587,199.06 |
| **Year:** | 2 018 | **Is making water:** | N | **Core storage:** | Exploration Camp | **Elevation:** | 328.70 |
| **Date started:** | 2018-08-07 | **Object in hole:** | Y | **Contractor:** | Asinii Drilling | **Collar dip:** | -62.54 |
| **Date logged:** | 2018-08-10 | **Pulse EM survey:** | N | **Logged by:** | Melanie Bouchard | **Collar azimuth:** | 165.34 |
| **Date completed:** | 2018-08-09 | **Plugged:** | N | **Signature:** | Mélanie Bouchard | | |
| **Core size:** | NQ | **Cemented:** | N | | | | |
| **Hole type:** | EXP | **Branch:** | N | | M.Oosterman | | |
| **Casing:** | Left in Hole, capped | **Reserve:** | N | | | | |
| **Logging status:** | Signed | | | | | | |
| **Rig number:** | 0102 | | | | | | |

**Additionnal sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Proposed hole: UCP18-033 (MSO-9), Drill Rig: 102, Stabilization: 2 hex corebarrel and 18" shell, Targeting: MSO blocks between L Zone and H Zone.

Casing was not sunk deep enough (21m) first time around and they were having issues, tried sinking casing further (~33m) and the rods got stuck at 36m. Pulled everything out and went back down with new shoe bit and casing.

Second attempt at casing, they broke the casing in the hole, 6m of casing and a shoe bit left in hole. Due to the repeated attempt to redo the casing a hole formed around the casing at surface, the sand was eroding away and there was minimal ground to support the casing at surface. They removed what they could from the hole and moved the drill approx. 5m to the east. New hole KLUC18-501.

3m of solid core was recovered from second attempt at casing (24-27m). They were unsuccessful at returning into the previous hole. This box was not logged. Only photographed, prior to being discarded.

**Survey data**

| Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments | Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 165.34 | -62.54 | NS | O | Alignment with Northseeking aligner | 30.0 | 166.42 | -62.07 | DS | O | Mag. 56178 |

| Certificate |
|---|
| SD18200507 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| KLUC18-0813 | Excaon1 | CAOND109210 - CAOND109500<br>CAOND109645<br>CAOND109660<br>CAOND109669 - CAOND109691<br>CAOND109693 - CAOND110000 |

| Sample number | Standard |
|---|---|
| CAOND110045 | CDN-CM-28-AEM |

**Hole number:** KLUC18-499

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND110002 - CAOND110093<br>CAOND110115<br>CAOND110120<br>CAOND110130<br>CAOND110145<br>CAOND110160<br>CAOND110170<br>CAOND110175<br>CAOND110190<br>CAOND110215<br>CAOND110220<br>CAOND110230<br>CAOND110245<br>CAOND110260<br>CAOND110270<br>CAOND110275<br>CAOND110290<br>CAOND110501 - CAOND110519<br>CAOND110521 - CAOND110736<br>CAOND110754<br>KLUC18-495-LC2<br>KLUC18-499-LC1<br>KLUC18-501-LC1 |
| KLUC18-0815 | Excaon1 | CAOND109210 - CAOND109500<br>CAOND109669 - CAOND109691<br>CAOND109693 - CAOND110093<br>CAOND110501 - CAOND110518 |

*The sample list may content samples from other holes

**Major:** **From:** 0.00 **To:** 22.00 OVB, Overburden

Overburden Casing sunk to 21m 21-22m = solid core of various boulders

**Major:** **From:** 22.00 **To:** 48.10 I2Dp, Porphyritic Syenite

Composition: Dominantly dark green with patches of dark reddish and spotted pale yellow-green phenocrysts, porphyritic; I2Dp - Porphyritic Syenite Magnetism: Weakly to moderately magnetic Veinning: No significant veinning Structure: Weak fracturing along rusty, weathered and calcite filled fractures (22-38m) Alteration: Weak to moderate calcite and hematite alteration occuring in and around microfractures. Minor intervals with mm scale stringers and microfractures of Epidote alteration Mineralization: 1-2% with local intervals of 8-10% fine grained disseminated Py mineralization. 1-2% fine grained disseminated Mt Lower Contact: Not reached **Hole was abandonned due to issues with casing; see comments

**MINOR INTERVAL**

24.20 - 24.80: CNR60cm interval of lost core / not recovered. Contains approx. 30cm of gravel and

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110035 | 22.0 | 23.0 | 1.0 | 0.009 | | | | |
| CAOND110036 | 23.0 | 24.2 | 1.2 | 0.081 | | | | |
| KLUC18-499-LC1 | 24.2 | 24.8 | 0.6 | | | | | |
| CAOND110037 | 24.8 | 26.0 | 1.2 | 0.015 | | | | |
| CAOND110038 | 26.0 | 27.5 | 1.5 | 0.012 | | | | |
| CAOND110039 | 27.5 | 29.0 | 1.5 | 0.029 | | | | |
| CAOND110040 | 29.0 | 30.5 | 1.5 | 0.024 | | | | |

## Hole number: KLUC18-499

grinded chunks of rock of varying compositions

**TEXTURE**
TYPE/GRAIN_SIZE/COMMENTS
22.00 - 48.10: POR, MGR, porphyritic mafic syenite

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
32.00 - 36.00: PYR, DIS, 10.00, -, -, 10% fine grained disseminated Py mineralization

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
22.00 - 38.00: FRA, -, WEAK, Weak fracturing into 5-10cm thick pieces minor 10cm thick intervals of moderate fracturing into 1-2cm thick pieces

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110041 | 30.5 | 32.0 | 1.5 | 0.012 | | | | |
| CAOND110042 | 32.0 | 33.5 | 1.5 | 0.043 | | | | |
| CAOND110043 | 33.5 | 35.0 | 1.5 | 0.028 | | | | |
| CAOND110044 | 35.0 | 36.5 | 1.5 | 0.036 | | | | |
| CAOND110046 | 36.5 | 38.0 | 1.5 | 0.010 | | | | |
| CAOND110047 | 38.0 | 39.5 | 1.5 | 0.012 | | | | |
| CAOND110048 | 39.5 | 41.0 | 1.5 | 0.015 | | | | |
| CAOND110049 | 41.0 | 42.5 | 1.5 | 0.010 | | | | |
| CAOND110051 | 42.5 | 44.0 | 1.5 | 0.027 | | | | |
| CAOND110052 | 44.0 | 45.5 | 1.5 | 0.023 | | | | |
| CAOND110053 | 45.5 | 46.6 | 1.1 | 0.017 | | | | |
| CAOND110054 | 46.6 | 48.1 | 1.5 | 0.024 | | | | |

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 21.0 | 24.0 | 50.00 | 100.00 | | | N | |
| 24.0 | 27.0 | 30.00 | 100.00 | | | N | |
| 27.0 | 30.0 | 57.00 | 100.00 | | | N | |
| 30.0 | 33.0 | 63.00 | 100.00 | | | N | |
| 33.0 | 36.0 | 70.00 | 100.00 | | | N | |
| 36.0 | 39.0 | 53.00 | 100.00 | | | N | |
| 39.0 | 42.0 | 70.00 | 100.00 | | | N | |
| 42.0 | 45.0 | 72.00 | 100.00 | | | N | |
| 45.0 | 48.0 | 87.00 | 100.00 | | | N | |

AGNICO EAGLE

# DRILL HOLE REPORT

## EXPLORATION CANADA ONTARIO

**Hole number:** KLUC18-500 **Project Number:** U_Canada **Project name:** Upper Canada

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Historic hole number:** | | **Collar survey:** | Y | **From:** | 0.0 | **Coordinates:** | P |
| **System:** | METRIC | **Verified:** | | **To:** | 351.0 | **Grid:** | UTM83-17_CSRS-2010: |
| **Target:** | U_CANADA | **Gas:** | N | **Depth:** | 351.0 | **North:** | 5,332,648.07 |
| **No. Claim:** | PAT-18800 | **Multishot survey:** | Y | **Location:** | Surface | **East:** | 587,069.33 |
| **Year:** | 2 018 | **Is making water:** | N | **Core storage:** | Mine Site | **Elevation:** | 328.49 |
| **Date started:** | 8/9/2018 | **Object in hole:** | N | **Contractor:** | Asinii Drilling | **Collar dip:** | -63.52 |
| **Date logged:** | 2018-08-11 | **Pulse EM survey:** | N | **Logged by:** | Monica Oosterman | **Collar azimuth:** | 164.89 |
| **Date completed:** | 8/11/2018 | **Plugged:** | N | **Signature:** | | | |
| **Core size:** | NQ | **Cemented:** | N | | | | |
| **Hole type:** | DDH | **Branch:** | N | | | | |
| **Casing:** | Left in Hole, capped | **Reserve:** | | | | | |
| **Logging status:** | Signed | | | | | | |
| **Rig number:** | | | | | | | |

**Additional sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Planned hole MSO-002 - UCP18-26 - section 675
Expected to intersect mineralization at 42m and 101m.
Results: 67-71 intersect syenite with quartz veining, veins were relativly undeformed
112-118m intersected pegmatitic quartz vein deformed
290-297m intersected chaotic altered pitted unit thought to be shear zone

**Assay average**

| Average type | From | To | Length | Width | Zone | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Pb_ppm | Ni_ppm | As_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WEIGHTED | 17.0 | 20.8 | 3.8 | | | 0.448 | | | | | | |
| WEIGHTED | 19.5 | 39.5 | 20.0 | | | 0.179 | | | | | | |
| WEIGHTED | 47.0 | 49.6 | 2.6 | | | 0.229 | | | | | | |
| WEIGHTED | 64.5 | 67.0 | 2.5 | | | 3.873 | | | | | | |
| WEIGHTED | 98.0 | 99.5 | 1.5 | | | 1.330 | | | | | | |
| WEIGHTED | 102.5 | 104.0 | 1.5 | | | 0.003 | | | | | | |
| WEIGHTED | 106.3 | 107.3 | 0.9 | | | 0.572 | | | | | | |
| WEIGHTED | 112.4 | 116.6 | 4.2 | | | 0.875 | | | | | | |
| WEIGHTED | 218.5 | 223.0 | 4.5 | | | 0.597 | | | | | | |
| WEIGHTED | 329.5 | 347.0 | 17.5 | | | 0.600 | | | | | | |

## Hole number: KLUC18-500

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 164.89 | -63.52 | S | O | |
| 10.0 | 164.75 | -63.79 | G | O | Differential Gy survey |
| 20.0 | 164.73 | -63.72 | G | O | Differential Gy survey |
| 40.0 | 164.84 | -63.48 | G | O | Differential Gy survey |
| 50.0 | 164.69 | -63.40 | G | O | Differential Gy survey |
| 70.0 | 164.55 | -63.15 | G | O | Differential Gy survey |
| 80.0 | 164.54 | -63.09 | G | O | Differential Gy survey |
| 100.0 | 164.68 | -62.80 | G | O | Differential Gy survey |
| 110.0 | 164.60 | -62.61 | G | O | Differential Gy survey |
| 130.0 | 164.34 | -62.46 | G | O | Differential Gy survey |
| 140.0 | 164.35 | -62.42 | G | O | Differential Gy survey |
| 160.0 | 164.45 | -62.33 | G | O | Differential Gy survey |
| 170.0 | 164.64 | -62.24 | G | O | Differential Gy survey |
| 190.0 | 164.63 | -62.10 | G | O | Differential Gy survey |
| 200.0 | 164.65 | -62.04 | G | O | Differential Gy survey |
| 220.0 | 164.56 | -61.94 | G | O | Differential Gy survey |
| 230.0 | 164.70 | -61.94 | G | O | Differential Gy survey |
| 250.0 | 164.79 | -61.86 | G | O | Differential Gy survey |
| 260.0 | 164.83 | -61.87 | G | O | Differential Gy survey |
| 280.0 | 164.96 | -61.81 | G | O | Differential Gy survey |
| 290.0 | 165.13 | -61.76 | G | O | Differential Gy survey |
| 318.0 | 162.50 | -61.66 | DS | | 55266 |

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 164.89 | -63.78 | G | | Differential Gy survey |
| 18.0 | 163.96 | -64.22 | DS | | 55288 |
| 30.0 | 164.89 | -63.60 | G | O | Differential Gy survey |
| 48.0 | 165.36 | -63.49 | DS | | 54573 |
| 60.0 | 164.71 | -63.30 | G | O | Differential Gy survey |
| 78.0 | 166.37 | -63.26 | DS | | 54864 |
| 90.0 | 164.69 | -63.00 | G | O | Differential Gy survey |
| 108.0 | 161.69 | -62.92 | DS | | 54499 |
| 120.0 | 164.53 | -62.50 | G | O | Differential Gy survey |
| 138.0 | 163.71 | -62.47 | DS | | 55054 |
| 150.0 | 164.41 | -62.37 | G | O | Differential Gy survey |
| 168.0 | 162.74 | -62.58 | DS | | 54461 |
| 180.0 | 164.53 | -62.18 | G | O | Differential Gy survey |
| 198.0 | 163.87 | -62.12 | DS | | 54952 |
| 210.0 | 164.52 | -62.03 | G | O | Differential Gy survey |
| 228.0 | 161.94 | -62.06 | DS | | 54427 |
| 240.0 | 164.75 | -61.96 | G | O | Differential Gy survey |
| 258.0 | 164.66 | -62.01 | DS | | 55092 |
| 270.0 | 164.98 | -61.88 | G | O | Differential Gy survey |
| 288.0 | 166.21 | -61.92 | DS | | 54605 |
| 300.0 | 165.11 | -61.71 | G | O | Differential Gy survey |
| 348.0 | 167.33 | -61.37 | DS | | 54583 |

| Certificate |
|---|
| A19-810 |
| A19-811 |
| TM18206881 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE550518-001 | Excaon1 | CAOND110094 - CAOND110298<br>CAOND110737 - CAOND110753<br>CAOND110755 - CAOND111030 |
| CXE5505R19-025 | Excaon1 | CAOND109014<br>CAOND109018<br>CAOND109034<br>CAOND109038<br>CAOND109053<br>CAOND109056<br>CAOND109067 |

| Sample number | Standard |
|---|---|
| CAOND110760 | CDN-CM-24-AEM |
| CAOND110770 | BLANK-DB |
| CAOND110775 | CDN-GS-5U-AEM |
| CAOND110790 | CDN-CM-28-AEM |
| CAOND110815 | CDN-CM-24-AEM |
| CAOND110820 | BLANK-DB |
| CAOND110830 | CDN-GS-5U-AEM |
| CAOND110845 | CDN-CM-28-AEM |

**Hole number:** KLUC18-500

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND109072 |
| | | CAOND109211 |
| | | CAOND109287 |
| | | CAOND109291 |
| | | CAOND109294 |
| | | CAOND109296 |
| | | CAOND109318 |
| | | CAOND109357 |
| | | CAOND109369 |
| | | CAOND109435 |
| | | CAOND109438 |
| | | CAOND109495 |
| | | CAOND109503 |
| | | CAOND109528 |
| | | CAOND109535 |
| | | CAOND109557 |
| | | CAOND109564 |
| | | CAOND109674 |
| | | CAOND109677 |
| | | CAOND109689 |
| | | CAOND109691 |
| | | CAOND109704 |
| | | CAOND109710 |
| | | CAOND109729 |
| | | CAOND109751 |
| | | CAOND109757 |
| | | CAOND109764 |
| | | CAOND109781 |
| | | CAOND109787 |
| | | CAOND109796 - CAOND109797 |
| | | CAOND109818 |
| | | CAOND109836 |
| | | CAOND109839 |
| | | CAOND109874 - CAOND109875 |
| | | CAOND109890 |
| | | CAOND109940 |
| | | CAOND109974 |
| | | CAOND109984 |
| | | CAOND110011 |
| | | CAOND110056 - CAOND110057 |
| | | CAOND110062 |
| | | CAOND110073 |
| | | CAOND110113 |

| Sample number | Standard |
|---|---|
| CAOND110860 | CDN-CM-24-AEM |
| CAOND110870 | BLANK-DB |
| CAOND110875 | CDN-GS-5U-AEM |
| CAOND110890 | CDN-CM-28-AEM |
| CAOND110915 | CDN-CM-24-AEM |
| CAOND110920 | BLANK-DB |
| CAOND110930 | CDN-GS-5U-AEM |
| CAOND110945 | CDN-CM-28-AEM |
| CAOND110960 | CDN-CM-24-AEM |
| CAOND110970 | BLANK-DB |
| CAOND110975 | CDN-GS-5U-AEM |
| CAOND110990 | CDN-CM-28-AEM |
| CAOND111015 | CDN-CM-24-AEM |
| CAOND111020 | BLANK-DB |
| CAOND111030 | CDN-GS-5U-AEM |

**Hole number:** KLUC18-500

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND110161 |
| | | CAOND110163 |
| | | CAOND110174 |
| | | CAOND110198 |
| | | CAOND110213 |
| | | CAOND110236 |
| | | CAOND110240 |
| | | CAOND110249 |
| | | CAOND110261 |
| | | CAOND110270 |
| | | CAOND110322 |
| | | CAOND110328 |
| | | CAOND110340 |
| | | CAOND110355 |
| | | CAOND110362 |
| | | CAOND110379 |
| | | CAOND110382 - CAOND110383 |
| | | CAOND110398 |
| | | CAOND110434 |
| | | CAOND110438 |
| | | CAOND110441 |
| | | CAOND110443 |
| | | CAOND110468 |
| | | CAOND110496 |
| | | CAOND110502 |
| | | CAOND110514 |
| | | CAOND110523 |
| | | CAOND110539 |
| | | CAOND110544 |
| | | CAOND110552 |
| | | CAOND110572 |
| | | CAOND110593 - CAOND110595 |
| | | CAOND110603 |
| | | CAOND110633 |
| | | CAOND110664 - CAOND110665 |
| | | CAOND110683 |
| | | CAOND110694 |
| | | CAOND110710 |
| | | CAOND110712 - CAOND110713 |
| | | CAOND110808 |
| | | CAOND110813 |
| | | CAOND110837 |
| | | CAOND110871 |

**Hole number:** KLUC18-500

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND110885 |
| | | CAOND110948 |
| | | CAOND110951 |
| | | CAOND110956 |
| | | CAOND110978 |
| | | CAOND111098 |
| | | CAOND111129 |
| | | CAOND111178 |
| | | CAOND111262 |
| | | CAOND111277 |
| | | CAOND111286 |
| | | CAOND111385 |
| | | CAOND111446 |
| | | CAOND111448 |
| | | CAOND111455 |
| | | CAOND111481 |
| | | CAOND111513 |
| | | CAOND111529 |
| | | CAOND111558 |
| | | CAOND111606 |
| | | CAOND111629 |
| | | CAOND111634 |
| | | CAOND111673 |
| | | CAOND111686 |
| | | CAOND111690 |
| | | CAOND111709 |
| | | CAOND111734 |
| | | CAOND111747 |
| | | CAOND111752 |
| | | CAOND111763 |
| | | CAOND111774 |
| | | CAOND111794 |
| | | CAOND111806 |
| | | CAOND111838 |
| | | CAOND111842 |
| | | CAOND111876 |
| | | CAOND111878 |
| | | CAOND111881 |
| | | CAOND111889 |
| | | CAOND111913 |
| | | CAOND111954 |
| | | CAOND111988 |
| | | CAOND112048 |

**Hole number:** KLUC18-500

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND112084 |
| | | CAOND112097 |
| | | CAOND112123 |
| | | CAOND112128 |
| | | CAOND112154 |
| | | CAOND112187 |
| | | CAOND112214 |
| | | CAOND112218 |
| | | CAOND112223 - CAOND112224 |
| | | CAOND112263 |
| | | CAOND112286 |
| | | CAOND112309 |
| | | CAOND112410 |
| | | CAOND112434 |
| | | CAOND112474 |
| | | CAOND112485 |
| | | CAOND112505 |
| | | CAOND112513 |
| | | CAOND112537 |
| | | CAOND112559 |
| | | CAOND112584 |
| | | CAOND112606 |
| | | CAOND112632 |
| | | CAOND112676 |
| | | CAOND112704 |
| | | CAOND112757 |
| | | CAOND112789 |
| | | CAOND112794 |
| | | CAOND112798 |
| | | CAOND112811 - CAOND112812 |
| | | CAOND112832 |
| | | CAOND112837 |
| | | CAOND112846 |
| | | CAOND112855 |
| | | CAOND112865 |
| | | CAOND112917 |
| | | CAOND112937 |
| | | CAOND112957 |
| | | CAOND112971 |
| | | CAOND113672 |
| | | CAOND113777 |
| | | CAOND113779 |
| | | CAOND113781 |

**Hole number:** KLUC18-500

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND113789 |
| | | CAOND114014 |
| | | CAOND114020 |
| | | CAOND114187 |
| | | CAOND114221 |
| | | CAOND114264 |
| | | CAOND114276 |
| | | CAOND115912 |
| | | CAOND115926 |
| | | CAOND115942 |
| | | CAOND115959 |
| | | CAOND115962 |
| | | CAOND115999 |
| | | CAOND116503 |
| | | CAOND116522 |
| | | CAOND116533 |
| | | CAOND116542 |
| | | CAOND116618 |
| | | CAOND116620 |
| | | CAOND116633 |
| | | CAOND116642 |
| | | CAOND116658 |
| | | CAOND116660 |
| | | CAOND116673 |

*The sample list may content samples from other holes

**Major:** **From:** 0.00 **To:** 7.50 OVB, Overburden

Casing to 7.5

**Major:** **From:** 7.50 **To:** 18.85 I2Dm, Mafic Syenite

Dark black, with patches of pink hematite alteration. Stronly magnetic, massive, fine grained, trace fine grained pyrite. Unit is blocky, ground core. Unit is soft, possible chlorite alteration and weak hematite alteration. Lower contact shows intermixing and is foliated 35 degrees. Sharp contact is sharp at 30 degrees

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

7.50, 18.85, BRR, MOD, -, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110755 | 7.5 | 9.0 | 1.5 | 0.016 | | | | |
| CAOND110756 | 9.0 | 10.5 | 1.5 | 0.043 | | | | |
| CAOND110757 | 10.5 | 12.0 | 1.5 | 0.044 | | | | |
| CAOND110758 | 12.0 | 13.5 | 1.5 | 0.045 | | | | |
| CAOND110759 | 13.5 | 14.5 | 1.0 | 0.019 | | | | |
| CAOND110821 | 14.5 | 15.5 | 1.0 | 0.028 | | | | |
| CAOND110761 | 15.5 | 17.0 | 1.5 | 0.037 | | | | |
| CAOND110762 | 17.0 | 18.9 | 1.9 | 0.228 | | | | |

**Major:** **From:** 18.85 **To:** 20.80 I2D, Syénite

Dark brick red, fine grained, massive, non magetic to weakly magnetic, strongly hematitized. Uniform

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|

**Hole number:** KLUC18-500

looking, Trace disseminated sulphides (rare), irregular hairline fractures through out. Minor pits possibly weathered out calcite. Sharp lower contact at 35

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110763 | 18.9 | 19.5 | 0.6 | 0.358 | | | | |
| CAOND110764 | 19.5 | 20.8 | 1.3 | 0.806 | | | | |

**Major:** **From:** 20.80 **To:** 38.25 CTZ, Contact Zone

Light pink, green grey, massive and strongly foliated, moderately magentic, moderate hematite alteration and strong sericite alteration. 50 % syenites and 50% wacke. Intermixing of units at contact. Lower contact with Wacke is sharp at 30 degees

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

20.80, 22.00, FOL, STRONG, 40.00, -, -, -, -

28.20, 34.45, FOL, MOD, 30.00, -, -, -, foliation froming along bedding plans

34.45, 38.25, FOL, MOD, 30.00, -, -, -, foliation along bedding plans

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110765 | 20.8 | 22.1 | 1.3 | 0.060 | | | | |
| CAOND110766 | 22.1 | 23.5 | 1.4 | 0.126 | | | | |
| CAOND110767 | 23.5 | 25.0 | 1.5 | 0.204 | | | | |
| CAOND110768 | 25.0 | 26.5 | 1.5 | 0.099 | | | | |
| CAOND110769 | 26.5 | 28.0 | 1.5 | 0.225 | | | | |
| CAOND110771 | 28.0 | 29.5 | 1.5 | 0.066 | | | | |
| CAOND110772 | 29.5 | 30.5 | 1.0 | 0.016 | | | | |
| CAOND110773 | 30.5 | 31.5 | 1.0 | 0.030 | | | | |
| CAOND110774 | 31.5 | 33.0 | 1.5 | 0.113 | | | | |
| CAOND110776 | 33.0 | 34.5 | 1.5 | 0.111 | | | | |
| CAOND110777 | 34.5 | 35.5 | 1.0 | 0.119 | | | | |
| CAOND110778 | 35.5 | 36.8 | 1.3 | 0.115 | | | | |
| CAOND110779 | 36.8 | 38.3 | 1.5 | 0.149 | | | | |

**Major:** **From:** 38.25 **To:** 49.63 S3, GRAUWACKE

Light green gray, fine grained, non magnetic, no calcite, moderately foliated, minor sulphides, Isolated bodinaged quartz veins which form in general along foliation but some disrupt foliation. Veins are 1 cm wide. Sharp lower contact at 30 degrees.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

38.25, 49.63, SER+, PEN, STRONG, GRN2_BASIC, FGR, -, -

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

38.25, 49.63, FOL, MOD, 30.00, -, -, -, foliation along bedding plans

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110781 | 38.3 | 39.5 | 1.3 | 0.410 | | | | |
| CAOND110782 | 39.5 | 41.0 | 1.5 | 0.092 | | | | |
| CAOND110783 | 41.0 | 42.5 | 1.5 | 0.089 | | | | |
| CAOND110784 | 42.5 | 44.0 | 1.5 | 0.011 | | | | |
| CAOND110785 | 44.0 | 45.5 | 1.5 | 0.024 | | | | |
| CAOND110786 | 45.5 | 47.0 | 1.5 | 0.008 | | | | |
| CAOND110787 | 47.0 | 48.5 | 1.5 | 0.201 | | | | |
| CAOND110788 | 48.5 | 49.6 | 1.1 | 0.265 | | | | |

**Major:** **From:** 49.63 **To:** 65.85 S3, GRAUWACKE

Light purple gray, fine grained, non magnetic, no calcite, moderately foliated, minor sulphides, minor veins, some angular framents could be matrix support conglomerate. Weak sercite alteration. Sharp contact @40

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

49.63, 65.85, HEM+, PAT, WEAK, PNK2_BASIC, FGR, -, weak sercite as well

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110789 | 49.6 | 51.0 | 1.4 | 0.017 | | | | |
| CAOND110791 | 51.0 | 52.5 | 1.5 | 0.016 | | | | |
| CAOND110792 | 52.5 | 54.0 | 1.5 | 0.016 | | | | |
| CAOND110793 | 54.0 | 55.5 | 1.5 | 0.003 | | | | |
| CAOND110794 | 55.5 | 57.0 | 1.5 | 0.013 | | | | |

**Hole number:** KLUC18-500

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
49.63, 65.85, FOL, MOD, 30.00, -, -, -, foliation along bedding plans

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110795 | 57.0 | 58.5 | 1.5 | 0.070 | | | | |
| CAOND110796 | 58.5 | 60.0 | 1.5 | 0.032 | | | | |
| CAOND110797 | 60.0 | 61.5 | 1.5 | 0.027 | | | | |
| CAOND110798 | 61.5 | 63.0 | 1.5 | 0.040 | | | | |
| CAOND110799 | 63.0 | 64.5 | 1.5 | 0.036 | | | | |
| CAOND110801 | 64.5 | 65.9 | 1.3 | 5.770 | | | | |

**Major:** **From:** 65.85 **To:** 78.45 I2D, Syénite

Dark brick red, fine grained, massive, non magetic to weakly magnetic, strongly hematitized. Uniform looking, Several white, wormy irregular quartz veins with sharp contact with surrounding rock, some spks of chalcopyrite and pyrite. Quartz veins are not deformed. Sharp lower contact at 35

**TEXTURE**
TYPE/COLOR/GRAIN_SIZE/COMMENTS
78.00, 78.45, CHI, -, VFG, -

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
66.70, 73.12, QTZ, 3.00, 40.00, -, -, -, GRY_00025, 1.00, MAS, PYR, 0.00, Sharp bullish veins, wormy, not deformed.
73.12, 78.00, QTZ, 1.00, 80.00, -, -, -, GRY_00025, 1.00, MAS, PYR, -, pods and veins, unit is deformed and veins are discontinous

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110802 | 65.9 | 67.0 | 1.2 | 1.645 | | | | |
| CAOND110803 | 67.0 | 68.0 | 1.0 | 0.045 | | | | |
| CAOND110804 | 68.0 | 69.0 | 1.0 | 0.034 | | | | |
| CAOND110805 | 69.0 | 70.5 | 1.5 | 0.024 | | | | |
| CAOND110806 | 70.5 | 72.0 | 1.5 | 0.015 | | | | |
| CAOND110807 | 72.0 | 73.5 | 1.5 | 0.046 | | | | |
| CAOND110808 | 73.5 | 75.0 | 1.5 | 0.142 | | | | |
| CAOND110809 | 75.0 | 76.5 | 1.5 | 0.020 | | | | |
| CAOND110810 | 76.5 | 77.5 | 1.0 | 0.005 | | | | |
| CAOND110811 | 77.5 | 78.5 | 1.0 | 0.015 | | | | |

**Major:** **From:** 78.45 **To:** 92.37 I2Dm, Mafic Syenite

Dark black, with patches of pink hematite alteration. Stronly magnetic, massive, fine grained, trace fine grained pyrite. Unit is soft, possible chlorite alteration and weak hematite alteration. Alteration gives unit a blotchy appearance, Isolated blebs of pyrite. Areas are pitted possibly calcite weathering.

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
78.45, 92.37, MAG, DIS, 5.00, RED_00001, FGR, in generall disseminated although some some time from bands when rock is lapilli

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110812 | 78.5 | 80.0 | 1.6 | 0.007 | | | | |
| CAOND110813 | 80.0 | 81.5 | 1.5 | 0.007 | | | | |
| CAOND110814 | 81.5 | 83.0 | 1.5 | 0.007 | | | | |
| CAOND110816 | 83.0 | 84.5 | 1.5 | 0.005 | | | | |
| CAOND110817 | 84.5 | 86.0 | 1.5 | 0.006 | | | | |
| CAOND110818 | 86.0 | 87.5 | 1.5 | 0.122 | | | | |
| CAOND110819 | 87.5 | 89.0 | 1.5 | 0.006 | | | | |
| CAOND110822 | 89.0 | 90.5 | 1.5 | 0.015 | | | | |
| CAOND110823 | 90.5 | 92.0 | 1.5 | 0.006 | | | | |
| CAOND110824 | 92.0 | 93.5 | 1.5 | 0.118 | | | | |

**Major:** **From:** 92.37 **To:** 107.25 V8, Trachyte

Fine grained, dark grey to black, weakly foliated, strongly magnetic, no calciteweak hematite alteration and moderated to strong sercite alteration. Areas are pitted, Sulphides in general form in trace amounts

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110826 | 93.5 | 95.0 | 1.5 | 0.026 | | | | |

**Hole number:** KLUC18-500

with isolated patches with up to 8% disseminated sulphide. Minor quartz feldspar stringers form though out unit at 45 degrees, stringers are wavy but not folded.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

104.30, 106.00, PYR, DIS, 8.00, -, FGR, Dusting of pyrite
106.34, 106.54, PYR, DIS, 5.00, -, FGR, dusting of pyrite

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

92.37, 95.28, SER+, PEN, STRONG, GRN2_BASIC, FGR, -, -

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

92.37, 107.25, MAG, DIS, 5.00, RED_00001, FGR, in generall disseminated although some some time from bands when rock is lapilli

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110827 | 95.0 | 96.5 | 1.5 | 0.038 | | | | |
| CAOND110828 | 96.5 | 98.0 | 1.5 | 0.007 | | | | |
| CAOND110829 | 98.0 | 99.5 | 1.5 | 1.330 | | | | |
| CAOND110831 | 99.5 | 101.0 | 1.5 | 0.033 | | | | |
| CAOND110832 | 101.0 | 102.5 | 1.5 | 0.005 | | | | |
| CAOND110833 | 102.5 | 104.0 | 1.5 | 0.003 | | | | |
| CAOND110834 | 104.0 | 105.0 | 1.0 | 0.993 | | | | |
| CAOND110835 | 105.0 | 106.3 | 1.3 | 0.064 | | | | |
| CAOND110836 | 106.3 | 107.3 | 0.9 | 0.572 | | | | |

**Major:** **From:** 107.25 **To:** 113.35 V8mt, Trachyte mafic tuff

Black and white, stronlgy foliated at 30 degrees, laminated, stronlgy magnetic, minor sulphides, no calcite, Weak sercite alteration, possible chorite. Wavy irregular lower contact with veins.

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

107.25, 112.90, FOL, MOD, 30.00, -, -, -, -

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

107.25, 113.35, MAG, DIS, 5.00, RED_00001, FGR, in generall disseminated although some some time from bands when rock is lapilli

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110837 | 107.3 | 108.8 | 1.5 | 0.027 | | | | |
| CAOND110838 | 108.8 | 110.3 | 1.5 | 0.009 | | | | |
| CAOND110839 | 110.3 | 111.5 | 1.2 | 0.012 | | | | |
| CAOND110840 | 111.5 | 112.4 | 1.0 | 0.182 | | | | |
| CAOND110841 | 112.4 | 113.4 | 1.0 | 0.481 | | | | |

**Major:** **From:** 113.35 **To:** 114.60 VN, Veine

Dark pink and white rock, dismembered quartz veins, pods, white plag also forms stringer often associated with the quartz, strong chloritic patches, intense hematite or potassic alteration. Possible sheared pegmatites

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

113.35, 114.60, QTZ, 5.00, -, -, -, -, PNK2_BASIC, -, PEG, PYR, .50, pods of veins, discontinousin strong potassic or hematite alt, plag growth

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

113.35, 114.60, MAG, DIS, 5.00, RED_00001, FGR, in generall disseminated although some some time from bands when rock is lapilli

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110842 | 113.4 | 114.6 | 1.3 | 0.616 | | | | |

## Hole number: KLUC18-500

**Major:** **From:** 114.60 **To:** 116.55 V8m, Trachyte mafic

Fine grained, dirty pink grindy, strongly magnetic, randomly oriented stringers of quartz which are 0.5cm wide, wavy and irreguarl. 1% cubic pyrite in matrix

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

116.00, 116.55, CAL+, SEL, STRONG, GRY_00025, FGR, -, calcite and hemtite.
116.00, 116.55, HEM+, SEL, STRONG, PNK2_BASIC, FGR, -, calcite and hemtite fragments.

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

114.60, 116.55, MAG, DIS, 5.00, RED_00001, FGR, in generall disseminated although some some time from bands when rock is lapilli

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110843 | 114.6 | 115.6 | 1.0 | 1.540 | | | | |
| CAOND110844 | 115.6 | 116.6 | 1.0 | 0.909 | | | | |

**Major:** **From:** 116.55 **To:** 117.58 VN, Veine

Dark pink and white rock, dismembered quartz veins, pods, white plag also forms stringer often associated with the quartz, strong chloritic patches, intense hematite or potassic alteration. Possible sheared pegmatites

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

116.55, 117.58, CAL+, SEL, STRONG, GRY_00025, FGR, -, calcite and hemtite.
116.55, 117.58, HEM+, SEL, STRONG, PNK2_BASIC, FGR, -, calcite and hemtite fragments.

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

116.55, 117.58, QTZ, 3.00, -, -, -, -, PNK2_BASIC, -, PEG, PYR, .50, pods of veins, discontinousin strong potassic or hematite alt, plag growth

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

116.55, 117.58, MAG, DIS, 5.00, RED_00001, FGR, in generall disseminated although some some time from bands when rock is lapilli

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110846 | 116.6 | 117.6 | 1.0 | 0.048 | | | | |

**Major:** **From:** 117.58 **To:** 154.00 V8mtl, Trachyte mafic tuff lapilli

Fine grained black matrix which is strongly magnetic, light pink wisps and bands of calcite with hematite. Unit is strongly foliated at 30. Very fine grained dusting of pyrite with mafic minerals 1%. unit is very homogenous. Gradational contacts

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

117.58, 154.00, CAL+, SEL, STRONG, GRY_00025, FGR, -, calcite and hemtite.
117.58, 154.00, HEM+, SEL, STRONG, PNK2_BASIC, FGR, -, calcite and hemtite fragments.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110847 | 117.6 | 118.7 | 1.1 | 0.187 | | | | |
| CAOND110848 | 118.7 | 120.0 | 1.4 | 0.068 | | | | |
| CAOND110849 | 120.0 | 121.5 | 1.5 | 0.053 | | | | |
| CAOND110851 | 121.5 | 123.0 | 1.5 | 0.170 | | | | |
| CAOND110852 | 123.0 | 124.5 | 1.5 | 0.035 | | | | |
| CAOND110853 | 124.5 | 126.0 | 1.5 | 0.003 | | | | |

**Hole number:** KLUC18-500

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
119.00, 123.00, FOL, STRONG, 30.00, -, -, -, Banded in appearance with felsics and mafics segragated, gneisic
123.00, 154.00, FOL, MOD, 30.00, -, -, -, wispy calcite hematite clasts

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
117.58, 154.00, MAG, DIS, 5.00, RED_00001, FGR, in generall disseminated although some some time from bands when rock is lapilli

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110854 | 126.0 | 127.5 | 1.5 | 0.054 | | | | |
| CAOND110855 | 127.5 | 129.0 | 1.5 | 0.108 | | | | |
| CAOND110856 | 129.0 | 130.5 | 1.5 | 0.007 | | | | |
| CAOND110857 | 130.5 | 132.0 | 1.5 | 0.026 | | | | |
| CAOND110858 | 132.0 | 133.5 | 1.5 | 0.003 | | | | |
| CAOND110859 | 133.5 | 135.0 | 1.5 | 0.009 | | | | |
| CAOND110861 | 135.0 | 136.5 | 1.5 | 0.005 | | | | |
| CAOND110862 | 136.5 | 138.0 | 1.5 | 0.005 | | | | |
| CAOND110863 | 138.0 | 139.5 | 1.5 | 0.007 | | | | |
| CAOND110864 | 139.5 | 141.0 | 1.5 | 0.003 | | | | |
| CAOND110865 | 141.0 | 142.5 | 1.5 | 0.003 | | | | |
| CAOND110866 | 142.5 | 144.0 | 1.5 | 0.008 | | | | |
| CAOND110867 | 144.0 | 145.5 | 1.5 | 0.007 | | | | |
| CAOND110868 | 145.5 | 147.0 | 1.5 | 0.003 | | | | |
| CAOND110869 | 147.0 | 148.5 | 1.5 | 0.099 | | | | |
| CAOND110871 | 148.5 | 150.0 | 1.5 | 0.032 | | | | |
| CAOND110872 | 150.0 | 151.5 | 1.5 | 0.006 | | | | |
| CAOND110873 | 151.5 | 153.0 | 1.5 | 0.011 | | | | |
| CAOND110874 | 153.0 | 154.0 | 1.0 | 0.006 | | | | |

**Major:** **From:** 154.00 **To:** 210.75 V8m, Trachyte mafic

Fine grained, massive to weakly foliated at 30 degrees, strongly magnetic, minor wisps of pink hematite calcite fragments or fractures. In general the unit is very massive looking and homogenous. Trace amounts of disseminated pyrite. Possibly mafic Syentite but contacts are gradational

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
154.00, 210.75, CAL+, SEL, STRONG, GRY_00025, FGR, -, calcite and hemtite.
154.00, 210.75, HEM+, SEL, STRONG, PNK2_BASIC, FGR, -, calcite and hemtite fragments.

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
154.00, 210.75, MAG, DIS, 5.00, RED_00001, FGR, in generall disseminated although some some time from bands when rock is lapilli

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110876 | 154.0 | 155.5 | 1.5 | 0.009 | | | | |
| CAOND110877 | 155.5 | 157.0 | 1.5 | 0.005 | | | | |
| CAOND110878 | 157.0 | 158.5 | 1.5 | 0.003 | | | | |
| CAOND110879 | 158.5 | 160.0 | 1.5 | 0.003 | | | | |
| CAOND110881 | 160.0 | 161.5 | 1.5 | 0.003 | | | | |
| CAOND110882 | 161.5 | 163.0 | 1.5 | 0.003 | | | | |
| CAOND110883 | 163.0 | 164.5 | 1.5 | 0.003 | | | | |
| CAOND110884 | 164.5 | 166.0 | 1.5 | 0.006 | | | | |
| CAOND110885 | 166.0 | 167.5 | 1.5 | 0.003 | | | | |
| CAOND110886 | 167.5 | 169.0 | 1.5 | 0.003 | | | | |
| CAOND110887 | 169.0 | 170.5 | 1.5 | 0.068 | | | | |
| CAOND110888 | 170.5 | 172.0 | 1.5 | 0.013 | | | | |
| CAOND110889 | 172.0 | 173.5 | 1.5 | 0.071 | | | | |

**Hole number:** KLUC18-500

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110891 | 173.5 | 175.0 | 1.5 | 0.009 | | | | |
| CAOND110892 | 175.0 | 176.5 | 1.5 | 0.003 | | | | |
| CAOND110893 | 176.5 | 178.0 | 1.5 | 0.003 | | | | |
| CAOND110894 | 178.0 | 179.5 | 1.5 | 0.003 | | | | |
| CAOND110895 | 179.5 | 181.0 | 1.5 | 0.003 | | | | |
| CAOND110896 | 181.0 | 182.5 | 1.5 | 0.003 | | | | |
| CAOND110897 | 182.5 | 184.0 | 1.5 | 0.003 | | | | |
| CAOND110898 | 184.0 | 185.5 | 1.5 | 0.003 | | | | |
| CAOND110899 | 185.5 | 187.0 | 1.5 | 0.006 | | | | |
| CAOND110901 | 187.0 | 188.5 | 1.5 | 0.003 | | | | |
| CAOND110902 | 188.5 | 190.0 | 1.5 | 0.003 | | | | |
| CAOND110903 | 190.0 | 191.5 | 1.5 | 0.003 | | | | |
| CAOND110904 | 191.5 | 193.0 | 1.5 | 0.006 | | | | |
| CAOND110905 | 193.0 | 194.5 | 1.5 | 0.006 | | | | |
| CAOND110906 | 194.5 | 196.0 | 1.5 | 0.006 | | | | |
| CAOND110907 | 196.0 | 197.5 | 1.5 | 0.003 | | | | |
| CAOND110908 | 197.5 | 199.0 | 1.5 | 0.003 | | | | |
| CAOND110909 | 199.0 | 200.5 | 1.5 | 0.014 | | | | |
| CAOND110910 | 200.5 | 202.0 | 1.5 | 0.003 | | | | |
| CAOND110911 | 202.0 | 203.5 | 1.5 | 0.007 | | | | |
| CAOND110912 | 203.5 | 205.0 | 1.5 | 0.003 | | | | |
| CAOND110913 | 205.0 | 206.5 | 1.5 | 0.011 | | | | |
| CAOND110914 | 206.5 | 208.0 | 1.5 | 0.012 | | | | |
| CAOND110916 | 208.0 | 209.5 | 1.5 | 0.003 | | | | |
| CAOND110917 | 209.5 | 211.0 | 1.5 | 0.007 | | | | |

**Major:** **From:** 210.75 **To:** 241.25 V8mt, Trachyte mafic tuff

Black and pink, weakly foliated to massive, stronlgy magnetic, up to 1% sulphides, strong calcite, Weak sercite alteration, possible chorite. Uniform granular looking rock when dry has a gabbroic texture. unit does not appear sheared.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

239.40, 239.75, PYR, DIS, 5.00, -, FGR, Dusting of pyrite, slightly more concentration then rest of core

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110918 | 211.0 | 212.5 | 1.5 | 0.003 | | | | |
| CAOND110919 | 212.5 | 214.0 | 1.5 | 0.003 | | | | |
| CAOND110921 | 214.0 | 215.5 | 1.5 | 0.037 | | | | |
| CAOND110922 | 215.5 | 217.0 | 1.5 | 0.576 | | | | |
| CAOND110923 | 217.0 | 218.5 | 1.5 | 0.054 | | | | |
| CAOND110924 | 218.5 | 220.0 | 1.5 | 0.870 | | | | |
| CAOND110926 | 220.0 | 221.5 | 1.5 | 0.673 | | | | |

**Hole number:** KLUC18-500

210.75, 241.25, CAL+, SEL, STRONG, GRY_00025, FGR, -, calcite and hemtite.
210.75, 241.25, HEM+, SEL, STRONG, PNK2_BASIC, FGR, -, calcite and hemtite fragments.

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
212.00, 215.00, FOL, MOD, 10.00, -, -, -, Flat lying foliation thought to be a fold nose

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
210.75, 241.25, MAG, DIS, 5.00, RED_00001, FGR, in generall disseminated although some some time from bands when rock is lapilli

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110927 | 221.5 | 223.0 | 1.5 | 0.249 | | | | |
| CAOND110928 | 223.0 | 224.5 | 1.5 | 0.048 | | | | |
| CAOND110929 | 224.5 | 226.0 | 1.5 | 0.096 | | | | |
| CAOND110931 | 226.0 | 227.5 | 1.5 | 0.254 | | | | |
| CAOND110932 | 227.5 | 229.0 | 1.5 | 0.018 | | | | |
| CAOND110933 | 229.0 | 230.5 | 1.5 | 0.078 | | | | |
| CAOND110934 | 230.5 | 232.0 | 1.5 | 0.029 | | | | |
| CAOND110935 | 232.0 | 233.5 | 1.5 | 0.003 | | | | |
| CAOND110936 | 233.5 | 235.0 | 1.5 | 0.007 | | | | |
| CAOND110937 | 235.0 | 236.5 | 1.5 | 0.006 | | | | |
| CAOND110938 | 236.5 | 238.0 | 1.5 | 0.019 | | | | |
| CAOND110939 | 238.0 | 239.5 | 1.5 | 0.018 | | | | |
| CAOND110940 | 239.5 | 240.5 | 1.0 | 0.022 | | | | |
| CAOND110941 | 240.5 | 241.3 | 0.8 | 0.097 | | | | |

**Major:** **From:** 241.25 **To:** 242.80 VN, Veine

Dark pink and white rock, dismembered quartz veins, pods, white plag also forms stringer often associated with the quartz, strong chloritic patches, intense hematite or potassic alteration. Strongly foliated upper contact with strong hematite alteration, 1% disseminated fine grained pyrite. Lower contact has 1.5cm chill margin and 15 cm of strongl foliation at 40 degrees. Possible sheared pegmatites.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
241.25, 242.80, CAL+, SEL, STRONG, GRY_00025, FGR, -, calcite and hemtite.
241.25, 242.80, HEM+, SEL, STRONG, PNK2_BASIC, FGR, -, calcite and hemtite fragments.

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
242.35, 242.80, QTZ, 100.00, 50.00, -, -, -, PNK2_BASIC, -, MAS, PYR, 3.00, discription in major

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
241.25, 242.80, MAG, DIS, 5.00, RED_00001, FGR, in generall disseminated although some some time from bands when rock is lapilli

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110942 | 241.3 | 242.8 | 1.6 | 0.045 | | | | |

**Major:** **From:** 242.80 **To:** 245.00 V8mt, Trachyte mafic tuff

Black and pink, weakly foliated to massive, stronlgy magnetic, up to 1% sulphides, strong calcite, Weak

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110943 | 242.8 | 244.0 | 1.2 | 0.011 | | | | |

**Hole number:** KLUC18-500

sercite alteration, possible chorite. Uniform granular looking rock when dry has a gabbroic texture.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

242.80, 245.00, CAL+, SEL, STRONG, GRY_00025, FGR, -, calcite and hemtite.
242.80, 245.00, HEM+, SEL, STRONG, PNK2_BASIC, FGR, -, calcite and hemtite fragments.

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS

242.80, 245.00, QTZ, 100.00, 50.00, -, -, -, PNK2_BASIC, -, MAS, PYR, 3.00, discription in major

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

242.80, 245.00, MAG, DIS, 5.00, RED_00001, FGR, in generall disseminated although some some time from bands when rock is lapilli

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110944 | 244.0 | 245.0 | 1.0 | 0.011 | | | | |

**Major: From:** 245.00 **To:** 246.40 VN, Veine

Dark pink and white rock, dismembered quartz veins, pods, white plag also forms stringer often associated with the quartz, strong chloritic patches, intense hematite or potassic alteration. Strongly foliated upper contact at 40 degrees, mylontic loser contact and bleaching Possible sheared pegmatites.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

245.00, 246.40, CAL+, SEL, STRONG, GRY_00025, FGR, -, calcite and hemtite.
245.00, 246.40, HEM+, SEL, STRONG, PNK2_BASIC, FGR, -, calcite and hemtite fragments.

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS

245.00, 246.40, QTZ, 100.00, 50.00, -, -, -, PNK2_BASIC, -, MAS, PYR, 3.00, discription in major
245.75, 246.40, QTZ, 90.00, 30.00, -, -, -, PNK2_BASIC, -, MAS, -, -, description in Major

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

245.00, 246.40, MAG, DIS, 5.00, RED_00001, FGR, in generall disseminated although some some time from bands when rock is lapilli

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110946 | 245.0 | 246.4 | 1.4 | 0.009 | | | | |

**Major: From:** 246.40 **To:** 290.00 V8mt, Trachyte mafic tuff

Black and pink, moderately foliated, crenulated, folded, stronlgy magnetic, up to 1% sulphides, strong calcite, Weak sercite alteration, possible chorite. Uniform granular looking rock when dry has a gabbroic texture.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110947 | 246.4 | 247.5 | 1.1 | 0.009 | | | | |
| CAOND110948 | 247.5 | 249.0 | 1.5 | 0.010 | | | | |
| CAOND110949 | 249.0 | 250.5 | 1.5 | 0.003 | | | | |

**Hole number:** KLUC18-500

246.40, 290.00, CAL+, SEL, STRONG, GRY_00025, FGR, -, calcite and hemtite.
246.40, 290.00, HEM+, SEL, STRONG, PNK2_BASIC, FGR, -, calcite and hemtite fragments.

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
272.70, 280.00, FLD, MOD, 10.00, -, -, -, open folds, areas of rock are crenulatied
272.70, 290.00, CRN, WEAK, 50.00, -, -, -, -

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
246.40, 290.00, QTZ, 100.00, 50.00, -, -, -, PNK2_BASIC, -, MAS, PYR, 3.00, discription in major
272.40, 272.70, QTZ, 90.00, 75.00, -, -, -, PNK2_BASIC, -, MAS, PYR, 3.00, sheared pegmatite, mostly plage and kspar minor quartz. shearee contacts at 75 sharp

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
246.40, 290.00, MAG, DIS, 5.00, RED_00001, FGR, in generall disseminated although some some time from bands when rock is lapilli

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110951 | 250.5 | 252.0 | 1.5 | 0.003 | | | | |
| CAOND110952 | 252.0 | 253.5 | 1.5 | 0.005 | | | | |
| CAOND110953 | 253.5 | 255.0 | 1.5 | 0.003 | | | | |
| CAOND110954 | 255.0 | 256.5 | 1.5 | 0.003 | | | | |
| CAOND110955 | 256.5 | 258.0 | 1.5 | 0.003 | | | | |
| CAOND110956 | 258.0 | 259.5 | 1.5 | 0.006 | | | | |
| CAOND110957 | 259.5 | 261.0 | 1.5 | 0.008 | | | | |
| CAOND110958 | 261.0 | 262.5 | 1.5 | 0.005 | | | | |
| CAOND110959 | 262.5 | 264.0 | 1.5 | 0.003 | | | | |
| CAOND110961 | 264.0 | 265.5 | 1.5 | 0.010 | | | | |
| CAOND110962 | 265.5 | 267.0 | 1.5 | 0.009 | | | | |
| CAOND110963 | 267.0 | 268.5 | 1.5 | 0.012 | | | | |
| CAOND110964 | 268.5 | 270.0 | 1.5 | 0.003 | | | | |
| CAOND110965 | 270.0 | 271.5 | 1.5 | 0.016 | | | | |
| CAOND110966 | 271.5 | 273.0 | 1.5 | 0.007 | | | | |
| CAOND110967 | 273.0 | 274.5 | 1.5 | 0.029 | | | | |
| CAOND110968 | 274.5 | 276.0 | 1.5 | 0.014 | | | | |
| CAOND110969 | 276.0 | 277.5 | 1.5 | 0.038 | | | | |
| CAOND110971 | 277.5 | 279.0 | 1.5 | 0.035 | | | | |
| CAOND110972 | 279.0 | 280.5 | 1.5 | 0.012 | | | | |
| CAOND110973 | 280.5 | 282.0 | 1.5 | 0.015 | | | | |
| CAOND110974 | 282.0 | 283.5 | 1.5 | 0.011 | | | | |
| CAOND110976 | 283.5 | 285.0 | 1.5 | 0.012 | | | | |
| CAOND110977 | 285.0 | 286.5 | 1.5 | 0.012 | | | | |
| CAOND110978 | 286.5 | 287.5 | 1.0 | 0.017 | | | | |
| CAOND110979 | 287.5 | 289.0 | 1.5 | 0.013 | | | | |
| CAOND110981 | 289.0 | 290.0 | 1.0 | 0.029 | | | | |

**Major:** **From:** 290.00 **To:** 312.65 V8mtl, Trachyte mafic tuff lapilli

Fine grained black matrix which is strongly magnetic, light pink wisps and bands of calcite with hematite. Unit is strongly foliated at 30 and chaotic, pitted. Very fine grained dusting of pyrite with mafic minerals 1%. Unit varies in textrue from chaotic to wispy fragments. Possible shear zone. Gradational contacts

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110982 | 290.0 | 291.5 | 1.5 | 0.035 | | | | |
| CAOND110983 | 291.5 | 293.0 | 1.5 | 0.007 | | | | |
| CAOND110984 | 293.0 | 294.5 | 1.5 | 0.019 | | | | |
| CAOND110985 | 294.5 | 296.0 | 1.5 | 0.013 | | | | |
| CAOND110986 | 296.0 | 297.5 | 1.5 | 0.003 | | | | |

**Hole number:** KLUC18-500

290.00, 312.65, CAL+, SEL, STRONG, GRY_00025, FGR, -, calcite and hemtite.
290.00, 312.65, HEM+, SEL, STRONG, PNK2_BASIC, FGR, -, calcite and hemtite fragments.
305.38, 309.30, SER+, PEN, STRONG, PRP2_BASIC, FGR, -, bleaching of rock, destroy foliation

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
290.00, 312.65, CRN, WEAK, 50.00, -, -, -, -
290.00, 312.65, SHR, STRONG, 40.00, -, -, -, ghost fragments, irregular contours adn pitted unit, some weak crenulations still observed, unit is chaotic but fairly uniform in appearance.
297.68, 312.65, FOL, MOD, 40.00, -, -, -, -

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS
290.00, 312.65, QTZ, 100.00, 50.00, -, -, -, PNK2_BASIC, -, MAS, PYR, 3.00, discription in major

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
290.00, 312.65, MAG, DIS, 5.00, RED_00001, FGR, in generall disseminated although some some time from bands when rock is lapilli

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110987 | 297.5 | 299.0 | 1.5 | 0.017 | | | | |
| CAOND110988 | 299.0 | 300.5 | 1.5 | 0.007 | | | | |
| CAOND110989 | 300.5 | 302.0 | 1.5 | 0.017 | | | | |
| CAOND110991 | 302.0 | 303.5 | 1.5 | 0.010 | | | | |
| CAOND110992 | 303.5 | 305.0 | 1.5 | 0.014 | | | | |
| CAOND110993 | 305.0 | 306.5 | 1.5 | 0.020 | | | | |
| CAOND110994 | 306.5 | 308.0 | 1.5 | 0.075 | | | | |
| CAOND110995 | 308.0 | 309.5 | 1.5 | 0.045 | | | | |
| CAOND110996 | 309.5 | 311.0 | 1.5 | 0.052 | | | | |
| CAOND110997 | 311.0 | 312.0 | 1.0 | 0.010 | | | | |
| CAOND110998 | 312.0 | 312.7 | 0.6 | 0.012 | | | | |

**Major:** **From:** 312.65 **To:** 326.00 V8mt, Trachyte mafic tuff

Black and white, stronlgy foliated at ranges from 40 to 10 degrees, laminated, stronlgy magnetic, minor sulphides, no calcite, Weak sercite alteration, possible chorite. unit has some quartz veind which contorts the foliation at contacts. 0.5% disseminated dusting of pyrite very fine grained. Contact is gradational in to S3 unit Mt decreases as you approach lower contact.

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
312.65, 326.00, CRN, WEAK, 50.00, -, -, -, -
312.65, 326.00, SHR, STRONG, 40.00, -, -, -, ghost fragments, irregular contours adn pitted unit, some weak crenulations still observed, unit is chaotic but fairly uniform in appearance.
312.65, 321.00, FOL, MOD, 40.00, -, -, -, -
321.00, 323.75, FOL, MOD, 10.00, -, -, -, possible fold nose
323.75, 326.00, FOL, MOD, 35.00, -, -, -, -

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS
312.65, 326.00, QTZ, 100.00, 50.00, -, -, -, PNK2_BASIC, -, MAS, PYR, 3.00, discription in major
318.00, 319.00, QTZ, 50.00, 70.00, -, -, -, PNK2_BASIC, -, MAS, PYR, 1.00, Deformed pegmatite

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110999 | 312.7 | 314.0 | 1.4 | 0.003 | | | | |
| CAOND111001 | 314.0 | 315.5 | 1.5 | 0.018 | | | | |
| CAOND111002 | 315.5 | 317.0 | 1.5 | 0.003 | | | | |
| CAOND111003 | 317.0 | 318.0 | 1.0 | 0.010 | | | | |
| CAOND111004 | 318.0 | 319.0 | 1.0 | 0.013 | | | | |
| CAOND111005 | 319.0 | 320.5 | 1.5 | 0.012 | | | | |
| CAOND111006 | 320.5 | 322.0 | 1.5 | 0.040 | | | | |
| CAOND111007 | 322.0 | 323.5 | 1.5 | 0.016 | | | | |
| CAOND111008 | 323.5 | 325.0 | 1.5 | 0.014 | | | | |
| CAOND111009 | 325.0 | 326.5 | 1.5 | 0.010 | | | | |

**Hole number:** KLUC18-500

312.65, 326.00, MAG, DIS, 5.00, RED_00001, FGR, in generall disseminated although some some time from bands when rock is lapilli

**Major:** **From:** 326.00 **To:** 341.20 S3, GRAUWACKE

Fine grained, light gray, weakly to stronlg sauseratized, no calcite, no hematite, moderately foliated at 40 degrees, 3% fine grained pyrite disseminated throughout unit. Gradational contacts

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

338.68, 341.20, SER+, PEN, STRONG, GRY2_BASIC, FGR, -, -

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

326.00, 341.20, CRN, WEAK, 50.00, -, -, -, -

326.00, 341.20, SHR, STRONG, 40.00, -, -, -, ghost fragments, irregular contours adn pitted unit, some weak crenulations still observed, unit is chaotic but fairly uniform in appearance.

326.00, 341.20, FOL, MOD, 35.00, -, -, -, -

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/CON
NTS

326.00, 341.20, QTZ, 100.00, 50.00, -, -, -, PNK2_BASIC, -, MAS, PYR, 3.00, discription in major

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111010 | 326.5 | 328.0 | 1.5 | 0.015 | | | | |
| CAOND111011 | 328.0 | 329.5 | 1.5 | 0.039 | | | | |
| CAOND111012 | 329.5 | 331.0 | 1.5 | 1.685 | | | | |
| CAOND111013 | 331.0 | 332.5 | 1.5 | 0.419 | | | | |
| CAOND111014 | 332.5 | 334.0 | 1.5 | 0.160 | | | | |
| CAOND111016 | 334.0 | 335.5 | 1.5 | 0.188 | | | | |
| CAOND111017 | 335.5 | 337.0 | 1.5 | 0.429 | | | | |
| CAOND111018 | 337.0 | 338.5 | 1.5 | 0.208 | | | | |
| CAOND111019 | 338.5 | 340.0 | 1.5 | 1.530 | | | | |
| CAOND111021 | 340.0 | 341.2 | 1.2 | 0.837 | | | | |

**Major:** **From:** 341.20 **To:** 351.00 V8mtl, Trachyte mafic tuff lapilli

Fine grained black matrix which is strongly magnetic, light pink wisps and bands of calcite with hematite. Unit is strongly foliated at 30. Very fine grained dusting of pyrite with mafic minerals 1%. unit is very homogenous. Gradational contacts

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

341.20, 351.00, CAL+, SEL, STRONG, GRY_00025, FGR, -, calcite and hematite replacement of fragments

341.20, 351.00, HEM+, SEL, STRONG, PNK2_BASIC, FGR, -, caclite and hematite replacement of fragments

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

341.20, 351.00, CRN, WEAK, 50.00, -, -, -, -

341.20, 351.00, SHR, STRONG, 40.00, -, -, -, ghost fragments, irregular contours adn pitted unit, some weak crenulations still observed, unit is chaotic but fairly uniform in appearance.

341.20, 350.00, FOL, MOD, 35.00, -, -, -, -

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/CON
NTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111022 | 341.2 | 342.5 | 1.3 | 0.173 | | | | |
| CAOND111023 | 342.5 | 344.0 | 1.5 | 0.154 | | | | |
| CAOND111024 | 344.0 | 345.5 | 1.5 | 0.673 | | | | |
| CAOND111026 | 345.5 | 347.0 | 1.5 | 0.736 | | | | |
| CAOND111027 | 347.0 | 348.5 | 1.5 | 0.155 | | | | |
| CAOND111028 | 348.5 | 350.0 | 1.5 | 0.113 | | | | |
| CAOND111029 | 350.0 | 351.0 | 1.0 | 0.100 | | | | |

**Hole number:** KLUC18-500

341.20, 351.00, QTZ, 100.00, 50.00, -, -, -, PNK2_BASIC, -, MAS, PYR, 3.00, discription in major

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

341.20, 351.00, MAG, DIS, 5.00, RED_00001, FGR, Disseminated

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 7.5 | 9.0 | 33.00 | 100.00 | | | N | |
| 9.0 | 12.0 | 50.00 | 100.00 | | | N | |
| 12.0 | 15.0 | 40.00 | 100.00 | | | N | |
| 15.0 | 18.0 | 77.00 | 100.00 | | | N | |
| 18.0 | 21.0 | 71.00 | 100.00 | | | N | |
| 21.0 | 24.0 | 77.00 | | | | N | |
| 24.0 | 27.0 | 92.00 | | | | N | |
| 27.0 | 30.0 | 93.00 | | | | N | |
| 30.0 | 33.0 | 87.00 | | | | N | |
| 33.0 | 36.0 | 92.00 | | | | N | |
| 36.0 | 39.0 | 100.00 | | | | N | |
| 39.0 | 42.0 | 98.00 | | | | N | |
| 42.0 | 45.0 | 92.00 | | | | N | |
| 45.0 | 48.0 | 100.00 | | | | N | |
| 48.0 | 51.0 | 90.00 | | | | N | |
| 51.0 | 54.0 | 97.00 | | | | N | |
| 54.0 | 57.0 | 98.00 | | | | N | |
| 57.0 | 60.0 | 98.00 | | | | N | |
| 60.0 | 63.0 | 97.00 | | | | N | |
| 63.0 | 66.0 | 98.00 | | | | N | |
| 66.0 | 69.0 | 69.00 | | | | N | |
| 69.0 | 72.0 | 85.00 | | | | N | |
| 72.0 | 75.0 | 85.00 | | | | N | |
| 75.0 | 78.0 | 97.00 | | | | N | |

**Hole number:** KLUC18-500

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 78.0 | 81.0 | 95.00 | | | | N | |
| 81.0 | 84.0 | 97.00 | 100.00 | | | N | |
| 84.0 | 87.0 | 97.00 | 100.00 | | | N | |
| 87.0 | 90.0 | 87.00 | 100.00 | | | N | |
| 90.0 | 93.0 | 100.00 | 100.00 | | | N | |
| 93.0 | 96.0 | 92.00 | 100.00 | | | N | |
| 96.0 | 99.0 | 100.00 | 100.00 | | | N | |
| 99.0 | 102.0 | 100.00 | 100.00 | | | N | |
| 102.0 | 105.0 | 98.00 | 100.00 | | | N | |
| 105.0 | 108.0 | 100.00 | 100.00 | | | N | |
| 108.0 | 111.0 | 100.00 | 100.00 | | | N | |
| 111.0 | 114.0 | 100.00 | 100.00 | | | N | |
| 114.0 | 117.0 | 100.00 | 100.00 | | | N | |
| 117.0 | 120.0 | 98.00 | 100.00 | | | N | |
| 120.0 | 123.0 | 90.00 | 100.00 | | | N | |
| 123.0 | 126.0 | 83.00 | 100.00 | | | N | |
| 126.0 | 129.0 | 80.00 | 100.00 | | | N | |
| 129.0 | 132.0 | 63.00 | 100.00 | | | N | |
| 132.0 | 135.0 | 97.00 | 100.00 | | | N | |
| 135.0 | 138.0 | 97.00 | 100.00 | | | N | |
| 138.0 | 141.0 | 97.00 | 100.00 | | | N | |
| 141.0 | 144.0 | 97.00 | 100.00 | | | N | |
| 144.0 | 147.0 | 100.00 | 100.00 | | | N | |
| 147.0 | 150.0 | 100.00 | 100.00 | | | N | |
| 150.0 | 153.0 | 98.00 | 100.00 | | | N | |
| 153.0 | 156.0 | 100.00 | 100.00 | | | N | |
| 156.0 | 159.0 | 100.00 | 100.00 | | | N | |
| 159.0 | 162.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC18-500

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 162.0 | 165.0 | 100.00 | 100.00 | | | N | |
| 165.0 | 168.0 | 100.00 | 100.00 | | | N | |
| 168.0 | 171.0 | 97.00 | 100.00 | | | N | |
| 171.0 | 174.0 | 87.00 | 100.00 | | | N | |
| 174.0 | 177.0 | 80.00 | 100.00 | | | N | |
| 177.0 | 180.0 | 100.00 | 100.00 | | | N | |
| 180.0 | 183.0 | 100.00 | 100.00 | | | N | |
| 183.0 | 186.0 | 100.00 | 100.00 | | | N | |
| 186.0 | 189.0 | 100.00 | 100.00 | | | N | |
| 189.0 | 192.0 | 100.00 | 100.00 | | | N | |
| 192.0 | 195.0 | 100.00 | 100.00 | | | N | |
| 195.0 | 198.0 | 100.00 | 100.00 | | | N | |
| 198.0 | 201.0 | 98.00 | 100.00 | | | N | |
| 201.0 | 204.0 | 100.00 | 100.00 | | | N | |
| 204.0 | 207.0 | 90.00 | 100.00 | | | N | |
| 207.0 | 210.0 | 100.00 | 100.00 | | | N | |
| 210.0 | 213.0 | 98.00 | 100.00 | | | N | |
| 213.0 | 216.0 | 98.00 | 100.00 | | | N | |
| 216.0 | 219.0 | 98.00 | 100.00 | | | N | |
| 219.0 | 222.0 | 100.00 | 100.00 | | | N | |
| 222.0 | 225.0 | 98.00 | 100.00 | | | N | |
| 225.0 | 228.0 | 100.00 | 100.00 | | | N | |
| 228.0 | 231.0 | 97.00 | 100.00 | | | N | |
| 231.0 | 234.0 | 100.00 | 100.00 | | | N | |
| 234.0 | 237.0 | 98.00 | 100.00 | | | N | |
| 237.0 | 240.0 | 97.00 | 100.00 | | | N | |
| 240.0 | 243.0 | 97.00 | 100.00 | | | N | |
| 243.0 | 246.0 | 97.00 | 100.00 | | | N | |

**Hole number:** KLUC18-500

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 246.0 | 249.0 | 100.00 | 100.00 | | | N | |
| 249.0 | 252.0 | 100.00 | 100.00 | | | N | |
| 252.0 | 255.0 | 98.00 | 100.00 | | | N | |
| 255.0 | 258.0 | 100.00 | 100.00 | | | N | |
| 258.0 | 261.0 | 98.00 | 100.00 | | | N | |
| 261.0 | 264.0 | 100.00 | 100.00 | | | N | |
| 264.0 | 267.0 | 100.00 | 100.00 | | | N | |
| 267.0 | 270.0 | 100.00 | 100.00 | | | N | |
| 270.0 | 273.0 | 100.00 | 100.00 | | | N | |
| 273.0 | 276.0 | 98.00 | 100.00 | | | N | |
| 276.0 | 279.0 | 100.00 | 100.00 | | | N | |
| 279.0 | 282.0 | 100.00 | 100.00 | | | N | |
| 282.0 | 285.0 | 98.00 | 100.00 | | | N | |
| 285.0 | 288.0 | 98.00 | 100.00 | | | N | |
| 288.0 | 291.0 | 92.00 | 100.00 | | | N | |
| 291.0 | 294.0 | 100.00 | 100.00 | | | N | |
| 294.0 | 297.0 | 100.00 | 100.00 | | | N | |
| 297.0 | 300.0 | 100.00 | 100.00 | | | N | |
| 300.0 | 303.0 | 100.00 | 100.00 | | | N | |
| 303.0 | 306.0 | 100.00 | 100.00 | | | N | |
| 306.0 | 309.0 | 100.00 | 100.00 | | | N | |
| 309.0 | 312.0 | 97.00 | 100.00 | | | N | |
| 312.0 | 315.0 | 98.00 | 100.00 | | | N | |
| 315.0 | 318.0 | 98.00 | 100.00 | | | N | |
| 318.0 | 321.0 | 100.00 | 100.00 | | | N | |
| 321.0 | 324.0 | 98.00 | 100.00 | | | N | |
| 324.0 | 327.0 | 97.00 | 100.00 | | | N | |
| 327.0 | 330.0 | 98.00 | 100.00 | | | N | |

**Hole number:** KLUC18-500

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 330.0 | 333.0 | 100.00 | 100.00 | | | N | |
| 333.0 | 336.0 | 100.00 | 100.00 | | | N | |
| 336.0 | 339.0 | 100.00 | 100.00 | | | N | |
| 339.0 | 342.0 | 100.00 | 100.00 | | | N | |
| 342.0 | 345.0 | 98.00 | 100.00 | | | N | |
| 345.0 | 348.0 | 100.00 | 100.00 | | | N | |
| 348.0 | 351.0 | 100.00 | 100.00 | | | N | |

AGNICO EAGLE

# DRILL HOLE REPORT

EXPLORATION CANADA
ONTARIO

**Hole number:** KLUC18-501 **Project Number:** U_Canada **Project name:** Upper Canada

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Historic hole number:** | | **Collar survey:** | Y | **From:** | 0.0 | **Coordinates:** | P |
| **System:** | METRIC | **Verified:** | N | **To:** | 675.0 | **Grid:** | UTM83-17_CSRS-2010: |
| **Target:** | UC_UPPER_L_ZONE | **Gas:** | N | **Depth:** | 675.0 | **North:** | 5,332,827.90 |
| **No. Claim:** | PAT-18797 | **Multishot survey:** | Y | **Location:** | Surface | **East:** | 587,205.90 |
| **Year:** | 2 018 | **Is making water:** | N | **Core storage:** | Exploration Camp | **Elevation:** | 328.54 |
| **Date started:** | 2018-08-10 | **Object in hole:** | N | **Contractor:** | Asinii Drilling | **Collar dip:** | -61.86 |
| **Date logged:** | 2018-08-22 | **Pulse EM survey:** | N | **Logged by:** | Melanie Bouchard | **Collar azimuth:** | 165.24 |
| **Date completed:** | 2018-08-21 | **Plugged:** | N | **Signature:** | Mélanie Bouchard | | |
| **Core size:** | NQ | **Cemented:** | N | | M.Oosterman | | |
| **Hole type:** | EXP | **Branch:** | N | | | | |
| **Casing:** | Left in Hole, capped | **Reserve:** | N | | | | |
| **Logging status:** | Signed | | | | | | |
| **Rig number:** | 0102 | | | | | | |

**Additionnal sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Propsed hole: UCP18-033 (MSO-9), Drill Rig: 102, Stabilization: 2 hex core barrel and 18" shell, Targeting: MSO blocks between L zone and H zone.

Second attempt at UCP18-033, drill moved approx. 5m to the east (left) of first attempt (KLUC18-499), which was abondonned due to issues with casing.

Intersected multiple intervals containning up to 20% fine grained diss. Py mineralization and moderate to locally strong deformation 400-600m.

## Assay average

| Average type | From | To | Length | Width | Zone | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Pb_ppm | Ni_ppm | As_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WEIGHTED | 119.5 | 129.0 | 9.5 | | | 0.640 | | | | | | |
| WEIGHTED | 136.0 | 137.0 | 1.0 | | | 2.450 | | | | | | |
| WEIGHTED | 267.0 | 267.9 | 0.9 | | | 9.530 | | | | | | |
| WEIGHTED | 427.0 | 428.9 | 1.9 | | | 1.329 | | | | | | |
| WEIGHTED | 435.5 | 441.0 | 5.5 | | | 0.947 | | | | | | |
| WEIGHTED | 557.5 | 561.0 | 3.5 | | | 1.492 | | | | | | |
| WEIGHTED | 586.5 | 589.0 | 2.5 | | | 3.194 | | | | | | |
| WEIGHTED | 595.5 | 597.5 | 2.0 | | | 0.967 | | | | | | |

## Survey data

| Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments | Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|

**Hole number: KLUC18-501**

**Survey data**

| Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 165.00 | -62.00 | PLANNED | | |
| 0.0 | 165.24 | -62.17 | NS | | Northseeking Devi aligner results |
| 10.0 | 164.82 | -61.84 | G | O | North Seaker Gyro |
| 30.0 | 165.05 | -62.31 | G | O | North Seaker Gyro |
| 40.0 | 165.13 | -62.36 | G | O | North Seaker Gyro |
| 60.0 | 165.25 | -62.24 | G | O | North Seaker Gyro |
| 70.0 | 165.22 | -62.14 | G | O | North Seaker Gyro |
| 90.0 | 165.39 | -62.02 | G | O | North Seaker Gyro |
| 100.0 | 165.44 | -62.04 | G | O | North Seaker Gyro |
| 120.0 | 165.45 | -61.91 | G | O | North Seaker Gyro |
| 130.0 | 165.54 | -61.88 | G | O | North Seaker Gyro |
| 150.0 | 165.61 | -61.74 | G | O | North Seaker Gyro |
| 160.0 | 165.75 | -61.64 | G | O | North Seaker Gyro |
| 180.0 | 165.68 | -61.48 | G | O | North Seaker Gyro |
| 190.0 | 165.62 | -61.40 | G | O | North Seaker Gyro |
| 210.0 | 165.78 | -61.24 | G | O | North Seaker Gyro |
| 220.0 | 165.66 | -61.19 | G | O | North Seaker Gyro |
| 240.0 | 165.69 | -61.11 | G | O | North Seaker Gyro |
| 250.0 | 165.71 | -61.05 | G | O | North Seaker Gyro |
| 270.0 | 165.74 | -60.94 | G | O | North Seaker Gyro |
| 280.0 | 165.71 | -60.88 | G | O | North Seaker Gyro |
| 300.0 | 165.71 | -60.63 | G | O | North Seaker Gyro |
| 310.0 | 165.66 | -60.55 | G | O | North Seaker Gyro |
| 330.0 | 165.77 | -60.44 | G | O | North Seaker Gyro |
| 340.0 | 165.64 | -60.33 | G | O | North Seaker Gyro |
| 360.0 | 165.70 | -60.32 | G | O | North Seaker Gyro |
| 370.0 | 165.50 | -60.27 | G | O | North Seaker Gyro |
| 390.0 | 165.61 | -59.99 | G | O | North Seaker Gyro |
| 400.0 | 165.58 | -59.76 | G | O | North Seaker Gyro |
| 420.0 | 165.48 | -59.38 | G | O | North Seaker Gyro |
| 430.0 | 165.13 | -59.13 | G | O | North Seaker Gyro |
| 450.0 | 164.94 | -58.02 | G | O | North Seaker Gyro |
| 0.0 | 164.80 | -63.89 | G | | North Seaker Gyro |
| 0.0 | 165.19 | -61.86 | S | O | Surveyed |
| 20.0 | 164.67 | -62.11 | G | O | North Seaker Gyro |
| 33.0 | 160.76 | -62.32 | DS | | Mag. 53813 |
| 50.0 | 165.22 | -62.27 | G | O | North Seaker Gyro |
| 63.0 | 165.02 | -62.33 | DS | | Mag. 54492 |
| 80.0 | 165.36 | -62.10 | G | O | North Seaker Gyro |
| 93.0 | 162.12 | -61.89 | DS | | Mag. 53907 |
| 110.0 | 165.34 | -61.96 | G | O | North Seaker Gyro |
| 123.0 | 160.94 | -61.77 | DS | | Mag. 53980 |
| 140.0 | 165.58 | -61.83 | G | O | North Seaker Gyro |
| 153.0 | 163.31 | -61.82 | DS | | Mag. 54653 |
| 170.0 | 165.69 | -61.57 | G | O | North Seaker Gyro |
| 183.0 | 167.81 | -61.40 | DS | | Mag. 54662 |
| 200.0 | 165.74 | -61.29 | G | O | North Seaker Gyro |
| 213.0 | 168.49 | -61.13 | DS | | Mag. 54799 |
| 230.0 | 165.72 | -61.16 | G | O | North Seaker Gyro |
| 243.0 | 169.03 | -61.07 | DS | | Mag. 55420 |
| 260.0 | 165.71 | -60.96 | G | O | North Seaker Gyro |
| 273.0 | 167.88 | -60.76 | DS | | Mag. 55074 |
| 290.0 | 165.79 | -60.77 | G | O | North Seaker Gyro |
| 303.0 | 164.72 | -60.45 | DS | | Mag. 54903 |
| 320.0 | 165.76 | -60.45 | G | O | North Seaker Gyro |
| 333.0 | 165.49 | -60.22 | DS | | Mag. 55444 |
| 350.0 | 165.66 | -60.33 | G | O | North Seaker Gyro |
| 363.0 | 167.11 | -60.17 | DS | | Mag. 55140 |
| 380.0 | 165.50 | -60.15 | G | O | North Seaker Gyro |
| 393.0 | 166.14 | -59.70 | DS | | Mag. 54872 |
| 410.0 | 165.49 | -59.57 | G | O | North Seaker Gyro |
| 423.0 | 165.71 | -59.17 | DS | | Mag. 55338 |
| 440.0 | 165.07 | -58.77 | G | O | North Seaker Gyro |
| 453.0 | 165.59 | -57.74 | DS | | Mag. 54365 |

## Hole number: KLUC18-501

**Survey data**

| Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 460.0 | 164.97 | -57.34 | G | O | North Seaker Gyro |
| 470.0 | 164.85 | -57.09 | G | O | North Seaker Gyro |
| 480.0 | 164.75 | -56.94 | G | O | North Seaker Gyro |
| 483.0 | 162.49 | -56.68 | DS | | Mag. 54860 |
| 490.0 | 164.85 | -56.81 | G | O | North Seaker Gyro |
| 500.0 | 164.97 | -56.42 | G | O | North Seaker Gyro |
| 510.0 | 165.00 | -56.30 | G | O | North Seaker Gyro |
| 513.0 | 169.30 | -56.03 | DS | | Mag. 55912 |
| 520.0 | 165.07 | -56.10 | G | O | North Seaker Gyro |
| 530.0 | 165.16 | -55.95 | G | O | North Seaker Gyro |
| 540.0 | 165.26 | -55.94 | G | O | North Seaker Gyro |
| 543.0 | 169.74 | -55.70 | DS | | Mag. 54812 |
| 550.0 | 165.33 | -55.84 | G | O | North Seaker Gyro |
| 560.0 | 165.53 | -55.71 | G | O | North Seaker Gyro |
| 570.0 | 165.61 | -55.43 | G | O | North Seaker Gyro |
| 573.0 | 165.06 | -55.07 | DS | | Mag. 54160 |
| 603.0 | 168.72 | -53.13 | DS | O | Mag. 54674 |
| 633.0 | 168.66 | -52.78 | DS | O | Mag. 54499 |
| 663.0 | 167.05 | -51.93 | DS | O | Mag. 54442 |
| 675.0 | 166.36 | -51.79 | DS | O | Mag. 55205 |

| Certificate |
|---|
| A19-809 |
| A19-810 |
| A19-811 |
| SD18200507 |
| TM18206756 |
| TM18214088 |
| TM18214103 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE550518-001 | Excaon1 | CAOND110094 - CAOND110298<br>CAOND110737 - CAOND110753<br>CAOND110755 - CAOND111030 |
| CXE550518-002 | Excaon1 | CAOND110299 - CAOND110500<br>CAOND111031 - CAOND111153<br>CAOND111165<br>CAOND111501 - CAOND111828 |
| CXE5505R19-025 | Excaon1 | CAOND109014<br>CAOND109018<br>CAOND109034<br>CAOND109038<br>CAOND109053<br>CAOND109056<br>CAOND109067<br>CAOND109072<br>CAOND109211<br>CAOND109287<br>CAOND109291<br>CAOND109294<br>CAOND109296<br>CAOND109318<br>CAOND109357<br>CAOND109369<br>CAOND109435<br>CAOND109438 |

| Sample number | Standard |
|---|---|
| CAOND110060 | CDN-CM-24-AEM |
| CAOND110070 | BLANK-DB |
| CAOND110075 | CDN-GS-5U-AEM |
| CAOND110090 | CDN-CM-28-AEM |
| CAOND110115 | CDN-CM-24-AEM |
| CAOND110120 | BLANK-DB |
| CAOND110130 | CDN-GS-5U-AEM |
| CAOND110145 | CDN-CM-28-AEM |
| CAOND110160 | CDN-CM-24-AEM |
| CAOND110170 | BLANK-DB |
| CAOND110175 | CDN-GS-5U-AEM |
| CAOND110190 | CDN-CM-28-AEM |
| CAOND110215 | CDN-CM-24-AEM |
| CAOND110220 | BLANK-DB |
| CAOND110230 | CDN-GS-5U-AEM |
| CAOND110245 | CDN-CM-28-AEM |
| CAOND110260 | CDN-CM-24-AEM |
| CAOND110270 | BLANK-DB |
| CAOND110275 | CDN-GS-5U-AEM |
| CAOND110290 | CDN-CM-28-AEM |

**Hole number:** KLUC18-501

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND109495 |
| | | CAOND109503 |
| | | CAOND109528 |
| | | CAOND109535 |
| | | CAOND109557 |
| | | CAOND109564 |
| | | CAOND109674 |
| | | CAOND109677 |
| | | CAOND109689 |
| | | CAOND109691 |
| | | CAOND109704 |
| | | CAOND109710 |
| | | CAOND109729 |
| | | CAOND109751 |
| | | CAOND109757 |
| | | CAOND109764 |
| | | CAOND109781 |
| | | CAOND109787 |
| | | CAOND109796 - CAOND109797 |
| | | CAOND109818 |
| | | CAOND109836 |
| | | CAOND109839 |
| | | CAOND109874 - CAOND109875 |
| | | CAOND109890 |
| | | CAOND109940 |
| | | CAOND109974 |
| | | CAOND109984 |
| | | CAOND110011 |
| | | CAOND110056 - CAOND110057 |
| | | CAOND110062 |
| | | CAOND110073 |
| | | CAOND110113 |
| | | CAOND110161 |
| | | CAOND110163 |
| | | CAOND110174 |
| | | CAOND110198 |
| | | CAOND110213 |
| | | CAOND110236 |
| | | CAOND110240 |
| | | CAOND110249 |
| | | CAOND110261 |
| | | CAOND110270 |
| | | CAOND110322 |

| Sample number | Standard |
|---|---|
| CAOND110315 | CDN-CM-24-AEM |
| CAOND110320 | BLANK-DB |
| CAOND110330 | CDN-GS-5U-AEM |
| CAOND110345 | CDN-CM-28-AEM |
| CAOND110360 | CDN-CM-24-AEM |
| CAOND110370 | BLANK-DB |
| CAOND110375 | CDN-GS-5U-AEM |
| CAOND110390 | CDN-CM-28-AEM |
| CAOND110415 | CDN-CM-24-AEM |
| CAOND110420 | BLANK-DB |
| CAOND110430 | CDN-GS-5U-AEM |
| CAOND110445 | CDN-CM-28-AEM |
| CAOND110460 | CDN-CM-24-AEM |
| CAOND110470 | BLANK-DB |
| CAOND110475 | CDN-GS-5U-AEM |
| CAOND110490 | CDN-CM-28-AEM |
| CAOND111515 | CDN-CM-24-AEM |
| CAOND111520 | BLANK-DB |
| CAOND111530 | CDN-GS-5U-AEM |
| CAOND111545 | CDN-CM-28-AEM |
| CAOND111560 | CDN-CM-24-AEM |
| CAOND111570 | BLANK-DB |
| CAOND111575 | CDN-GS-5U-AEM |
| CAOND111590 | CDN-CM-28-AEM |

**Hole number:** KLUC18-501

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND110328 |
| | | CAOND110340 |
| | | CAOND110355 |
| | | CAOND110362 |
| | | CAOND110379 |
| | | CAOND110382 - CAOND110383 |
| | | CAOND110398 |
| | | CAOND110434 |
| | | CAOND110438 |
| | | CAOND110441 |
| | | CAOND110443 |
| | | CAOND110468 |
| | | CAOND110496 |
| | | CAOND110502 |
| | | CAOND110514 |
| | | CAOND110523 |
| | | CAOND110539 |
| | | CAOND110544 |
| | | CAOND110552 |
| | | CAOND110572 |
| | | CAOND110593 - CAOND110595 |
| | | CAOND110603 |
| | | CAOND110633 |
| | | CAOND110664 - CAOND110665 |
| | | CAOND110683 |
| | | CAOND110694 |
| | | CAOND110710 |
| | | CAOND110712 - CAOND110713 |
| | | CAOND110808 |
| | | CAOND110813 |
| | | CAOND110837 |
| | | CAOND110871 |
| | | CAOND110885 |
| | | CAOND110948 |
| | | CAOND110951 |
| | | CAOND110956 |
| | | CAOND110978 |
| | | CAOND111098 |
| | | CAOND111129 |
| | | CAOND111178 |
| | | CAOND111262 |
| | | CAOND111277 |
| | | CAOND111286 |

**Hole number:** KLUC18-501

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND111385 |
| | | CAOND111446 |
| | | CAOND111448 |
| | | CAOND111455 |
| | | CAOND111481 |
| | | CAOND111513 |
| | | CAOND111529 |
| | | CAOND111558 |
| | | CAOND111606 |
| | | CAOND111629 |
| | | CAOND111634 |
| | | CAOND111673 |
| | | CAOND111686 |
| | | CAOND111690 |
| | | CAOND111709 |
| | | CAOND111734 |
| | | CAOND111747 |
| | | CAOND111752 |
| | | CAOND111763 |
| | | CAOND111774 |
| | | CAOND111794 |
| | | CAOND111806 |
| | | CAOND111838 |
| | | CAOND111842 |
| | | CAOND111876 |
| | | CAOND111878 |
| | | CAOND111881 |
| | | CAOND111889 |
| | | CAOND111913 |
| | | CAOND111954 |
| | | CAOND111988 |
| | | CAOND112048 |
| | | CAOND112084 |
| | | CAOND112097 |
| | | CAOND112123 |
| | | CAOND112128 |
| | | CAOND112154 |
| | | CAOND112187 |
| | | CAOND112214 |
| | | CAOND112218 |
| | | CAOND112223 - CAOND112224 |
| | | CAOND112263 |
| | | CAOND112286 |

**Hole number:** KLUC18-501

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND112309 |
| | | CAOND112410 |
| | | CAOND112434 |
| | | CAOND112474 |
| | | CAOND112485 |
| | | CAOND112505 |
| | | CAOND112513 |
| | | CAOND112537 |
| | | CAOND112559 |
| | | CAOND112584 |
| | | CAOND112606 |
| | | CAOND112632 |
| | | CAOND112676 |
| | | CAOND112704 |
| | | CAOND112757 |
| | | CAOND112789 |
| | | CAOND112794 |
| | | CAOND112798 |
| | | CAOND112811 - CAOND112812 |
| | | CAOND112832 |
| | | CAOND112837 |
| | | CAOND112846 |
| | | CAOND112855 |
| | | CAOND112865 |
| | | CAOND112917 |
| | | CAOND112937 |
| | | CAOND112957 |
| | | CAOND112971 |
| | | CAOND113672 |
| | | CAOND113777 |
| | | CAOND113779 |
| | | CAOND113781 |
| | | CAOND113789 |
| | | CAOND114014 |
| | | CAOND114020 |
| | | CAOND114187 |
| | | CAOND114221 |
| | | CAOND114264 |
| | | CAOND114276 |
| | | CAOND115912 |
| | | CAOND115926 |
| | | CAOND115942 |
| | | CAOND115959 |

**Hole number:** KLUC18-501

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND115962<br>CAOND115999<br>CAOND116503<br>CAOND116522<br>CAOND116533<br>CAOND116542<br>CAOND116618<br>CAOND116620<br>CAOND116633<br>CAOND116642<br>CAOND116658<br>CAOND116660<br>CAOND116673 |
| KLUC18-0813 | Excaon1 | CAOND109210 - CAOND109500<br>CAOND109645<br>CAOND109660<br>CAOND109669 - CAOND109691<br>CAOND109693 - CAOND110000<br>CAOND110002 - CAOND110093<br>CAOND110115<br>CAOND110120<br>CAOND110130<br>CAOND110145<br>CAOND110160<br>CAOND110170<br>CAOND110175<br>CAOND110190<br>CAOND110215<br>CAOND110220<br>CAOND110230<br>CAOND110245<br>CAOND110260<br>CAOND110270<br>CAOND110275<br>CAOND110290<br>CAOND110501 - CAOND110519<br>CAOND110521 - CAOND110736<br>CAOND110754<br>KLUC18-495-LC2<br>KLUC18-499-LC1<br>KLUC18-501-LC1 |
| KLUC18-0815 | Excaon1 | CAOND109210 - CAOND109500<br>CAOND109669 - CAOND109691 |

## Hole number: KLUC18-501

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND109693 - CAOND110093<br>CAOND110501 - CAOND110518 |

*The sample list may content samples from other holes

**Major:** **From:** 0.00 **To:** 24.00 OVB, Overburden

Overburden / sand / do not recovered

**Major:** **From:** 24.00 **To:** 44.50 I2Dmp, Syenite mafic porphyryitic

Composition: Dominantly dark green to locally medium green with patches and stringers of dark reddish and spotted pale yellow-green phenocrysts, porphyritic; I2Dmp - Syenite mafic porphyritic Magnetism: Moderately magnetic Veinning: No significant veinning, 1% mm scale chaotic and discontinuous qtz-cal veinlets Structure: Weak fracturing along rusty, weathered and calcite filled fractures with minor possible interval of 60cm of lost core (31.9-32.5) Alteration: Weak to moderate calcite and hematite alteration occuring in and around microfractures. Minor intervals with mm scale stringers and microfractures of Epidote alteration Mineralization: 1-2% very fine grained disseminated magnetite mineraliztion and local intervals of 5% fine grained Py mineralization Lower Contact: Sharp, but chaotic and slightly brecciated

**MINOR INTERVAL**

31.90 - 32.50: CNRPossible 60cm of lost core? Minor grinding. Moderate fracturing into 1-2cm thick, rounded pieces and 2-5cm thick angular pieces 40cm accounted for at approx. 51m, the blocks were adjusted so there's probably no core lost or at a max. 10cm here and there

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

28.00 - 31.00: PYR, DIS, 5.00, -, VFG, 5% very fine grained diss. Py mineralization

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

30.50 - 34.00: FRA, -, WEAK, Weak fracturing into 2-5cm locally 1-2cm sized angular pieces

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110055 | 24.0 | 25.5 | 1.5 | 0.008 | | | | |
| CAOND110056 | 25.5 | 27.0 | 1.5 | 0.014 | | | | |
| CAOND110057 | 27.0 | 28.5 | 1.5 | 0.011 | | | | |
| CAOND110058 | 28.5 | 30.0 | 1.5 | 0.035 | | | | |
| CAOND110059 | 30.0 | 31.0 | 1.0 | 0.023 | | | | |
| CAOND110061 | 31.0 | 31.9 | 0.9 | 0.005 | | | | |
| KLUC18-501-LC1 | 31.9 | 32.5 | 0.6 | | | | | |
| CAOND110062 | 32.5 | 34.0 | 1.5 | 0.010 | | | | |
| CAOND110063 | 34.0 | 35.5 | 1.5 | 0.006 | | | | |
| CAOND110064 | 35.5 | 37.0 | 1.5 | 0.009 | | | | |
| CAOND110065 | 37.0 | 38.5 | 1.5 | 0.006 | | | | |
| CAOND110066 | 38.5 | 40.0 | 1.5 | 0.043 | | | | |
| CAOND110067 | 40.0 | 41.5 | 1.5 | 0.015 | | | | |
| CAOND110068 | 41.5 | 43.0 | 1.5 | 0.023 | | | | |
| CAOND110069 | 43.0 | 44.5 | 1.5 | 0.020 | | | | |

**Major:** **From:** 44.50 **To:** 59.70 V8Porph, Trachyte porphyrytic

Composition: Medium green with pale green patches and dark green, medium grained phenocrysts with local medium grained medium red, rounded spots, porphyritic. V8Porph - Trachyte porphyritic Magnetism: Moderately magnetic Veinning: No significant veinning Structure: Local weak preferential alignment of phenocrysts at 40-50 TCA Alteration: Patchy weak epidote alteration, moderate to locally strong pervasive calcite alteration Mineralization: 1-2% very fine grained, disseminated magnetic mineralization Lower Contact: Sharp, wavy oriented at 70-80 TCA

**MINOR INTERVAL**

54.00 - 55.00: I2DComposition: Medium pinkish brown, dark reddish brown and dark green, medium grained, slight brecciated appearance; I2D - Syenite Magnetism: Moderate to strongly magnetic Veinning: 5% white, 1cm thick qtz-cal veinning dominantly chaotic but locally parallel at 45 TCA Structure: No significant structures Alteration: Patchy moderate chlorite, spotty moderate calcite

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110071 | 44.5 | 46.0 | 1.5 | 0.010 | | | | |
| CAOND110072 | 46.0 | 47.5 | 1.5 | 0.031 | | | | |
| CAOND110073 | 47.5 | 49.0 | 1.5 | 0.017 | | | | |
| CAOND110074 | 49.0 | 50.5 | 1.5 | 0.010 | | | | |
| CAOND110076 | 50.5 | 52.0 | 1.5 | 0.016 | | | | |
| CAOND110077 | 52.0 | 53.0 | 1.0 | 0.016 | | | | |
| CAOND110078 | 53.0 | 54.0 | 1.0 | 0.009 | | | | |
| CAOND110079 | 54.0 | 55.0 | 1.0 | 0.029 | | | | |

## Hole number: KLUC18-501

Mineralization: Traces of fine grained disseminated Py mineralization Contacts: Relatively sharp, but wavy and irregular

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
47.00 - 59.70: MAG, DIS, 1.00, -, VFG, 1-2% very fine grained diss. Mt mineralization

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
59.60 - 59.70: CCT, 75.00, -, Sharp lower contact oriented at 75 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110081 | 55.0 | 56.5 | 1.5 | 0.015 | | | | |
| CAOND110082 | 56.5 | 58.0 | 1.5 | 0.015 | | | | |
| CAOND110083 | 58.0 | 58.8 | 0.8 | 0.015 | | | | |
| CAOND110084 | 58.8 | 59.7 | 0.9 | 0.011 | | | | |

**Major: From:** 59.70 **To:** 61.20 I2Dmp, Syenite mafic porphyritic

Composition: Dominantly dark green to grey with pale yellow-green phenocrysts and medium to dark reddish patches, porphyritic. I2Dmp - Syenite mafic porphyritic Magnetism: Moderately magnetic Veinning: 1% chaotic mm scale qtz-cal-hem-chl veinning Structure: No signficant stuctures Alteration: Patchy and fracture associated moderate hematite alteration Mineralization: Traces of very fine grained disseminated Py mineralization Lower Contact: Sharp; oriented at 60 TCA

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
59.70 - 60.00: MAG, DIS, 1.00, -, VFG, 1-2% very fine grained diss. Mt mineralization

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
61.10 - 61.20: CCT, 60.00, -, Sharp lower contact oriented at 60 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110085 | 59.7 | 61.2 | 1.5 | 0.012 | | | | |

**Major: From:** 61.20 **To:** 65.00 I3, Roches intrusives mafiques

Composition: Dark green and white to pale beige patches, fine grained, massive; I3 - Mafic intrusion Magnetism: Moderate to strongly magnetic Veinning: 20% chaotic white calcite, mm scale veinlets. 1cm thick white to pale grey qtz-cal-chl vein, parallel to deformation Structure: Weakly deformed, oriented at 40-50 TCA Alteration: Moderate to strong calcite alteration occuring as chaotic veinlets and patches, moderate background chlorite alteration Mineralization: Trace fine grained disseminated Py mineralization with local cluster 5cm thick of 1% medium grained Py (~61.6m) Lower Contact: Sharp; oriented at 60 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110086 | 61.2 | 62.5 | 1.3 | 0.011 | | | | |
| CAOND110087 | 62.5 | 63.5 | 1.0 | 0.010 | | | | |
| CAOND110088 | 63.5 | 65.0 | 1.5 | 0.013 | | | | |

**Major: From:** 65.00 **To:** 131.50 I2Dm, Mafic Syenite

Composition: Medium to dark green and dark purplish red to reddish brown, grungy appearance, medium grained and relatively massive, local minor porphyritic interval; I2Dm - Mafic Syenite Magnetism: Moderately magnetic Veinning: No significant veinning, only fracture filled calcite veinlets and less than 1%, less than 1cm thick pale grey qtz veinning Structure: Rare to weakly deformed Alteration: Patches of moderate hematite and minor patches of weak epidote alteration at beginning of interval (up to ~76m), moderate to locally strong patchy calcite alteration throughout Mineralization: Trace to 1% fine grained disseminated Py mineralization throughout with local intervals up to 10% diss. Py, 2% fine grained disseminated Mt mineralization at beginning of interval (up to ~76m) Lower Contact: Sharp;

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110089 | 65.0 | 66.5 | 1.5 | 0.017 | | | | |
| CAOND110091 | 66.5 | 68.0 | 1.5 | 0.024 | | | | |
| CAOND110092 | 68.0 | 69.5 | 1.5 | 0.025 | | | | |
| CAOND110093 | 69.5 | 71.0 | 1.5 | 0.013 | | | | |
| CAOND110094 | 71.0 | 72.5 | 1.5 | 0.015 | | | | |
| CAOND110095 | 72.5 | 74.0 | 1.5 | 0.018 | | | | |

**Hole number: KLUC18-501**

oriented at 50 TCA 65-76m: dominantly medium to dark green to greenish brown with minor pale green patches of epidote alteration and dark brownish red spots of hematite alteration, local intervals of phenocrysts supported porphytic (71-72m). 2% fine grained disseminated Mt mineralization 76-80m: gradual decrease in dark to medium green colouring and increase in medium pinkish brown colour, no more patchy epidote or hematite alteration or phenocrysts. Patchy to pervasive calcite alteration still consistent throughout 80-131.5m: relatively massive, medium grained with a consistent medium to dark pinkish brown colouring. Moderate to strong patchy to pervasive calcite alteration throughout. Rare to weakly deformed, oriented at 40-60 TCA defined by the alignment of mm scale chlorite stringers. Local insitu brecciation apprearance. 91.5-91.7m: 20cm thick interval of mafic intrusion; dark green, moderately deformed with moderate to strong white calcite alteration and moderate background pervasive chlorite 118.2-121.6m: Dark reddish, massive, medium grained syenite. Seems more prestine and less grungy than the mafic syenite above and bellow. Sharp contacts observed.

**MINOR INTERVAL**

118.20 - 121.60: I2DComposition: Medium to dark red to purplish red, medium grained, massive; I2D - Syenite Magnetism: Weakly magnetic Veinning: No significant veinning Structure: No significant structures Alteration: Fracture filled chlorite and calcite alteration Mineralization: 5% clustered f.gr. Py mineralization Contacts: Sharp. Upper at 50 TCa and lower at 30 TCA

**TEXTURE**

TYPE/GRAIN_SIZE/COMMENTS

71.00 - 72.00: POR, FGR, Fine grained phenocrysts supported porphyritic minor interval within a mafic syenite

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

65.00 - 76.00: MAG, DIS, 2.00, -, FGR, 5% f.gr. diss. Mt

66.00 - 67.00: PYR, DIS, 10.00, -, VFG, 10% very fine grained diss. Py

118.20 - 121.60: PYR, DIS, 5.00, -, FGR, 5% fine grained clustered Py mineralization; occuring in Chl filled microfractures, in a minor syenite intrusion

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

131.40 - 131.50: CCT, 50.00, -, Sharp lower contact oriented at 50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110096 | 74.0 | 75.5 | 1.5 | 0.019 | | | | |
| CAOND110097 | 75.5 | 77.0 | 1.5 | 0.038 | | | | |
| CAOND110098 | 77.0 | 78.5 | 1.5 | 0.048 | | | | |
| CAOND110099 | 78.5 | 80.0 | 1.5 | 0.022 | | | | |
| CAOND110101 | 80.0 | 81.5 | 1.5 | 0.010 | | | | |
| CAOND110102 | 81.5 | 83.0 | 1.5 | 0.011 | | | | |
| CAOND110103 | 83.0 | 84.5 | 1.5 | 0.008 | | | | |
| CAOND110104 | 84.5 | 86.0 | 1.5 | 0.010 | | | | |
| CAOND110105 | 86.0 | 87.5 | 1.5 | 0.008 | | | | |
| CAOND110106 | 87.5 | 89.0 | 1.5 | 0.025 | | | | |
| CAOND110107 | 89.0 | 90.5 | 1.5 | 0.003 | | | | |
| CAOND110108 | 90.5 | 92.0 | 1.5 | 0.021 | | | | |
| CAOND110109 | 92.0 | 93.5 | 1.5 | 0.026 | | | | |
| CAOND110110 | 93.5 | 95.0 | 1.5 | 0.014 | | | | |
| CAOND110111 | 95.0 | 96.5 | 1.5 | 0.016 | | | | |
| CAOND110112 | 96.5 | 98.0 | 1.5 | 0.049 | | | | |
| CAOND110113 | 98.0 | 99.5 | 1.5 | 0.016 | | | | |
| CAOND110114 | 99.5 | 101.0 | 1.5 | 0.010 | | | | |
| CAOND110116 | 101.0 | 102.5 | 1.5 | 0.283 | | | | |
| CAOND110117 | 102.5 | 104.0 | 1.5 | 0.033 | | | | |
| CAOND110118 | 104.0 | 105.5 | 1.5 | 0.014 | | | | |
| CAOND110119 | 105.5 | 107.0 | 1.5 | 0.028 | | | | |
| CAOND110121 | 107.0 | 108.5 | 1.5 | 0.024 | | | | |
| CAOND110122 | 108.5 | 110.0 | 1.5 | 0.032 | | | | |
| CAOND110123 | 110.0 | 111.5 | 1.5 | 0.083 | | | | |
| CAOND110124 | 111.5 | 113.0 | 1.5 | 0.056 | | | | |
| CAOND110126 | 113.0 | 114.5 | 1.5 | 0.014 | | | | |
| CAOND110127 | 114.5 | 116.0 | 1.5 | 0.028 | | | | |
| CAOND110128 | 116.0 | 117.0 | 1.0 | 0.097 | | | | |
| CAOND110129 | 117.0 | 118.2 | 1.2 | 0.020 | | | | |
| CAOND110131 | 118.2 | 119.5 | 1.3 | 0.120 | | | | |
| CAOND110132 | 119.5 | 120.5 | 1.0 | 0.241 | | | | |
| CAOND110133 | 120.5 | 121.6 | 1.1 | 0.675 | | | | |

**Hole number:** KLUC18-501

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110134 | 121.6 | 123.0 | 1.4 | 0.742 | | | | |
| CAOND110135 | 123.0 | 124.5 | 1.5 | 1.105 | | | | |
| CAOND110136 | 124.5 | 126.0 | 1.5 | 0.690 | | | | |
| CAOND110137 | 126.0 | 127.5 | 1.5 | 0.400 | | | | |
| CAOND110138 | 127.5 | 129.0 | 1.5 | 0.511 | | | | |
| CAOND110139 | 129.0 | 130.5 | 1.5 | 0.143 | | | | |
| CAOND110140 | 130.5 | 131.5 | 1.0 | 0.098 | | | | |

**Major:** **From:** 131.50 **To:** 138.00 V8Agg, Trachyte Agglomerate

Composition: Dark green to dark grey mafic, fine grained matrix with 50-60% medium pinkish and reddish brown clasts (less than 1 cm, 1-3cm and up to 10cm in size); V8agg - Trachyte agglomerate Magnetism: Strongly magnetic at the beginning of interval, decreasing to moderate Veinning: 1% chaotic qtz-cal-hem veinning locally Structure: Moderately deformed, oriented at 40-50 TCA; defined by the alignment of syenitic clasts and alternating with matrix material Alteration: Moderate to strong stringers of chlorite alteration and moderate patchy calcite Mineralization: 1-2% locally up to 5-8% fine grained disseminated Py mineralization Lower Contact: Sharp; oriented at 60 TCA 137-138m: 1m thick minor mafic syenite unit with 5% chaotic qtz-cal-hem veinning. Sharp and straight upper contact orientd at 50 TCA, lower contact also sharp but wavy and irregular

**MINOR INTERVAL**

137.00 - 138.00: I2Dm1m thick minor mafic syenite unit with 5% chaotic qtz-cal-hem veinning Sharp and straight upper contact orientd at 50 TCA, lower contact also sharp but wavy and irregular

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

135.00 - 137.00: PYR, DIS, 5.00, -, FGR, 5-8% fine grained disseminated Py mineralization

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

131.50 - 137.00: FOL, 40.00, MOD, Moderate foliation orientd at 40-50 TCA; defined by the alignment of syenitic clasts alternating with matrix material

**VEIN**

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS

137.00 - 138.00: QTZ, 5.00, -, -, -, -, -, -, 5% porous and chaotic qtz-cal-hem veinning, approx. 1cm thick

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110141 | 131.5 | 133.0 | 1.5 | 0.046 | | | | |
| CAOND110142 | 133.0 | 134.5 | 1.5 | 0.015 | | | | |
| CAOND110143 | 134.5 | 136.0 | 1.5 | 0.015 | | | | |
| CAOND110144 | 136.0 | 137.0 | 1.0 | 2.450 | | | | |
| CAOND110146 | 137.0 | 138.0 | 1.0 | 0.040 | | | | |

**Major:** **From:** 138.00 **To:** 158.10 V8, Trachyte

Composition: Dark green to grey with patches of medium pink and red, clastic? Chaotic? texture; V8 - Trachyte Magnetism: Moderately magnetic with minor strongly magnetic patches Veinning: 5% chaotic qtz-cal-hem veinning at upper contact Structure: Dominantly no prominant structure or orientation with

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110147 | 138.0 | 139.5 | 1.5 | 0.026 | | | | |
| CAOND110148 | 139.5 | 141.0 | 1.5 | 0.031 | | | | |

**Hole number:** KLUC18-501

minor interval of moderate foliation oriented at 40-50 TCA Alteration: Moderate patchy calcite, moderate background chl stringers and minor intervals of strong dolomite alteration associated with deformed interval Mineralization: Trace fine grained Py mineralization throoughtout Lower Contact: Gradational, contact placed where textures become less choatic, more massive and consistent with a syenite **Not sure trachyte is the correct classification for this interval. There is a sudden loss of the syenitic agglomerate clasts observed in the interval above and it seems more chaotic to maybe brecciated texutre when compared to the mafic syenite unit bellow. The chaoticness and lack of preferential alignment of the possible syenitic clasts detered me from calling it a Trachyte Lapilli. Possibly a mafic syenite with different texutres and alteration than unit bellow?

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

145.00 - 150.00: DOL+, PAT, STRONG, GRY_00025, -, Strong to moderate chaotic patches of dolomite alteration

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

145.00 - 147.20: FOL, 30.00, MOD, Moderate fol. at 30-40 TCA; defined by alignemnt of altered lenses

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110149 | 141.0 | 142.5 | 1.5 | 0.035 | | | | |
| CAOND110151 | 142.5 | 143.5 | 1.0 | 0.052 | | | | |
| CAOND110152 | 143.5 | 145.0 | 1.5 | 0.085 | | | | |
| CAOND110153 | 145.0 | 146.5 | 1.5 | 0.213 | | | | |
| CAOND110154 | 146.5 | 148.0 | 1.5 | 0.147 | | | | |
| CAOND110155 | 148.0 | 149.5 | 1.5 | 0.080 | | | | |
| CAOND110156 | 149.5 | 151.0 | 1.5 | 0.020 | | | | |
| CAOND110157 | 151.0 | 152.5 | 1.5 | 0.034 | | | | |
| CAOND110158 | 152.5 | 154.0 | 1.5 | 0.032 | | | | |
| CAOND110159 | 154.0 | 155.5 | 1.5 | 0.047 | | | | |
| CAOND110161 | 155.5 | 157.0 | 1.5 | 0.020 | | | | |
| CAOND110162 | 157.0 | 158.1 | 1.1 | 0.049 | | | | |

**Major:** **From:** 158.10 **To:** 262.70 I2Dm, Mafic Syenite

Composition: Medium to dark green and dark purplish red to reddish brown, grungy appearance, medium grained and relatively massive; I2Dm - Mafic Syenite Magnetism: Moderately magnetic Veinning: No significant veinning, only fracture filled calcite veinlets and less than 1%, less than 1cm thick pale grey qtz veinning Structure: Rare to weakly deformed Alteration: Moderate patchy calcite alteration throughout Mineralization: Trace to 1% fine grained disseminated Py mineralization throughout with local intervals with clusters of up to 10% diss. Py Lower Contact: Sharp but irregular and wavy 236.6-236.8m: 20cm thick dark green, mafic intrusion with moderate to strong pervasive chlorite alteration and moderate chaotic stringers and patches of white calcite alteration. Moderately deformed at 40 TCA with sharp contact salso at 40 TCA

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

187.00 - 188.00: PYR, DIS, 5.00, -, FGR, 5% fine grained diss. PY

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

168.00 - 170.00: FRA, -, WEAK, Weak fracturing

215.00 - 218.00: FOL, 20.00, MOD, Moderate deformation oriented at 20-30 TCA

**VEIN**

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS

234.30 - 236.00: QTZ, 5.00, -, -, -, -, -, -, 5% chaotic and porous qtz-cal-hem veinning, occupying approx. 5cm, local trace to 1% fine graiend py mineralization in some veins but not all

247.50 - 250.80: QtzCalChl, 3.00, -, -, -, -, PYR, .50, 5% chaotic but relatively parallel at approx. 70-80 TCA, white qtz-cal-chl veinning, porous, 1-2cm thick, 0.5% diss. Py occuring in some veins but not all

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110163 | 158.1 | 159.5 | 1.4 | 0.133 | | | | |
| CAOND110164 | 159.5 | 161.0 | 1.5 | 0.057 | | | | |
| CAOND110165 | 161.0 | 162.5 | 1.5 | 0.103 | | | | |
| CAOND110166 | 162.5 | 164.0 | 1.5 | 0.071 | | | | |
| CAOND110167 | 164.0 | 165.5 | 1.5 | 0.017 | | | | |
| CAOND110168 | 165.5 | 167.0 | 1.5 | 0.027 | | | | |
| CAOND110169 | 167.0 | 168.5 | 1.5 | 0.015 | | | | |
| CAOND110171 | 168.5 | 170.0 | 1.5 | 0.019 | | | | |
| CAOND110172 | 170.0 | 171.5 | 1.5 | 0.015 | | | | |
| CAOND110173 | 171.5 | 173.0 | 1.5 | 0.033 | | | | |
| CAOND110174 | 173.0 | 174.5 | 1.5 | 0.018 | | | | |
| CAOND110176 | 174.5 | 176.0 | 1.5 | 0.028 | | | | |
| CAOND110177 | 176.0 | 177.5 | 1.5 | 0.046 | | | | |
| CAOND110178 | 177.5 | 179.0 | 1.5 | 0.015 | | | | |
| CAOND110179 | 179.0 | 180.5 | 1.5 | 0.018 | | | | |
| CAOND110181 | 180.5 | 182.0 | 1.5 | 0.014 | | | | |
| CAOND110182 | 182.0 | 183.5 | 1.5 | 0.045 | | | | |
| CAOND110183 | 183.5 | 185.0 | 1.5 | 0.017 | | | | |
| CAOND110184 | 185.0 | 186.5 | 1.5 | 0.021 | | | | |

**Hole number:** KLUC18-501

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110185 | 186.5 | 188.0 | 1.5 | 0.592 | | | | |
| CAOND110186 | 188.0 | 189.5 | 1.5 | 0.077 | | | | |
| CAOND110187 | 189.5 | 191.0 | 1.5 | 0.006 | | | | |
| CAOND110188 | 191.0 | 192.5 | 1.5 | 0.022 | | | | |
| CAOND110189 | 192.5 | 194.0 | 1.5 | 0.077 | | | | |
| CAOND110191 | 194.0 | 195.5 | 1.5 | 0.014 | | | | |
| CAOND110192 | 195.5 | 197.0 | 1.5 | 0.023 | | | | |
| CAOND110193 | 197.0 | 198.5 | 1.5 | 0.034 | | | | |
| CAOND110194 | 198.5 | 200.0 | 1.5 | 0.027 | | | | |
| CAOND110195 | 200.0 | 201.5 | 1.5 | 0.037 | | | | |
| CAOND110196 | 201.5 | 203.0 | 1.5 | 0.010 | | | | |
| CAOND110197 | 203.0 | 204.5 | 1.5 | 0.017 | | | | |
| CAOND110198 | 204.5 | 206.0 | 1.5 | 0.042 | | | | |
| CAOND110199 | 206.0 | 207.5 | 1.5 | 0.019 | | | | |
| CAOND110201 | 207.5 | 209.0 | 1.5 | 0.009 | | | | |
| CAOND110202 | 209.0 | 210.5 | 1.5 | 0.010 | | | | |
| CAOND110203 | 210.5 | 212.0 | 1.5 | 0.061 | | | | |
| CAOND110204 | 212.0 | 213.5 | 1.5 | 0.060 | | | | |
| CAOND110205 | 213.5 | 215.0 | 1.5 | 0.022 | | | | |
| CAOND110206 | 215.0 | 216.5 | 1.5 | 0.063 | | | | |
| CAOND110207 | 216.5 | 218.0 | 1.5 | 0.023 | | | | |
| CAOND110208 | 218.0 | 219.5 | 1.5 | 0.023 | | | | |
| CAOND110209 | 219.5 | 221.0 | 1.5 | 0.021 | | | | |
| CAOND110210 | 221.0 | 222.5 | 1.5 | 0.020 | | | | |
| CAOND110211 | 222.5 | 224.0 | 1.5 | 0.024 | | | | |
| CAOND110212 | 224.0 | 225.5 | 1.5 | 0.019 | | | | |
| CAOND110213 | 225.5 | 227.0 | 1.5 | 0.014 | | | | |
| CAOND110214 | 227.0 | 228.5 | 1.5 | 0.026 | | | | |
| CAOND110216 | 228.5 | 230.0 | 1.5 | 0.016 | | | | |
| CAOND110217 | 230.0 | 231.5 | 1.5 | 0.009 | | | | |
| CAOND110218 | 231.5 | 233.0 | 1.5 | 0.025 | | | | |
| CAOND110219 | 233.0 | 234.3 | 1.3 | 0.013 | | | | |
| CAOND110221 | 234.3 | 235.2 | 0.9 | 0.017 | | | | |

**Hole number:** KLUC18-501

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110222 | 235.2 | 236.0 | 0.8 | 0.022 | | | | |
| CAOND110223 | 236.0 | 237.5 | 1.5 | 0.024 | | | | |
| CAOND110224 | 237.5 | 239.0 | 1.5 | 0.016 | | | | |
| CAOND110226 | 239.0 | 240.5 | 1.5 | 0.013 | | | | |
| CAOND110227 | 240.5 | 242.0 | 1.5 | 0.016 | | | | |
| CAOND110228 | 242.0 | 243.5 | 1.5 | 0.015 | | | | |
| CAOND110229 | 243.5 | 245.0 | 1.5 | 0.047 | | | | |
| CAOND110231 | 245.0 | 246.5 | 1.5 | 0.019 | | | | |
| CAOND110232 | 246.5 | 247.5 | 1.0 | 0.063 | | | | |
| CAOND110233 | 247.5 | 248.5 | 1.0 | 0.014 | | | | |
| CAOND110234 | 248.5 | 249.8 | 1.3 | 0.013 | | | | |
| CAOND110235 | 249.8 | 250.8 | 1.0 | 0.101 | | | | |
| CAOND110236 | 250.8 | 252.0 | 1.2 | 0.054 | | | | |
| CAOND110237 | 252.0 | 253.5 | 1.5 | 0.030 | | | | |
| CAOND110238 | 253.5 | 255.0 | 1.5 | 0.051 | | | | |
| CAOND110239 | 255.0 | 256.5 | 1.5 | 0.046 | | | | |
| CAOND110240 | 256.5 | 258.0 | 1.5 | 0.099 | | | | |
| CAOND110241 | 258.0 | 259.5 | 1.5 | 0.060 | | | | |
| CAOND110242 | 259.5 | 261.0 | 1.5 | 0.109 | | | | |
| CAOND110243 | 261.0 | 261.8 | 0.8 | 0.027 | | | | |
| CAOND110244 | 261.8 | 262.7 | 0.9 | 0.083 | | | | |

**Major:** **From:** 262.70 **To:** 285.30 V8, Trachyte

Composition: Dark green grey, dark green and medium beige with minor dark reddish patches, grungy, chaotic and mafic appearance; V8 -Trachyte Magnetism: Moderately magnetic Veinning: No sgnificant veinning Structure: No promonent deformation Alteration: Moderate to strong patchy and spotted calcite alteration Mineralization: No mineralization observed Lower Contact: Sharp; oriented at 30 TCA
283-283.2m: 20cm thick interval of medium pink mafic syenite with sharp but irregular contacts
284-284.4m: 40cm thick interval of medium pinkish brown mafic syenite with sharp but irregular contacts

**MINOR INTERVAL**

267.00 - 267.90: I2DComposition: Medium purplish pink, dominantly massive with a brecciated appearance; I2D - Syenite Magnetism: Non magnetic Veinning: 10cm thick qtz-cal-chl vein Structure: Moderate deformation and shearing in vein Alteration: Moderate spotted calcite alteration and moderate chlorite occuring in microfractures Mineralization: 15% fine grained Py mineralization occuring in qtz-cal-chl vein and 5-10% in rest of intrusion Contacts: Sharp. Upper contact wavy and irregular and lower contact straight at 40 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110246 | 262.7 | 264.0 | 1.3 | 0.025 | | | | |
| CAOND110247 | 264.0 | 265.5 | 1.5 | 0.050 | | | | |
| CAOND110248 | 265.5 | 267.0 | 1.5 | 0.042 | | | | |
| CAOND110249 | 267.0 | 267.9 | 0.9 | 9.530 | | | | |
| CAOND110251 | 267.9 | 268.8 | 0.9 | 0.116 | | | | |
| CAOND110252 | 268.8 | 269.5 | 0.7 | 0.029 | | | | |
| CAOND110253 | 269.5 | 271.0 | 1.5 | 0.023 | | | | |
| CAOND110254 | 271.0 | 272.5 | 1.5 | 0.017 | | | | |
| CAOND110255 | 272.5 | 274.0 | 1.5 | 0.018 | | | | |
| CAOND110256 | 274.0 | 275.5 | 1.5 | 0.032 | | | | |
| CAOND110257 | 275.5 | 277.0 | 1.5 | 0.007 | | | | |

## Hole number: KLUC18-501

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
267.00 - 267.90: PYR, DIS, 10.00, -, FGR, 10% fine grained diss. Py with 15% in vein

**VEIN**
TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS
267.00 - 267.50: QtzCalChl, 20.00, -, -, -, -, PYR, 15.00, 10cm thick sheared qtz-cal-chl vein with 15% fine grained disseminated Py mineralization throughout

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110258 | 277.0 | 278.5 | 1.5 | 0.079 | | | | |
| CAOND110259 | 278.5 | 280.0 | 1.5 | 0.090 | | | | |
| CAOND110261 | 280.0 | 281.5 | 1.5 | 0.045 | | | | |
| CAOND110262 | 281.5 | 283.0 | 1.5 | 0.055 | | | | |
| CAOND110263 | 283.0 | 284.5 | 1.5 | 0.141 | | | | |
| CAOND110264 | 284.5 | 285.3 | 0.8 | 0.006 | | | | |

**Major: From:** 285.30 **To:** 292.50 I2Dm, Mafic Syenite

Composition: Medium to dark green and dark purplish red to reddish brown, grungy appearance, medium grained and relatively massive; I2Dm - Mafic Syenite Magnetism: Moderately magnetic Veinning: No significant veinning, only fracture filled calcite veinlets and less than 1%, less than 1cm thick pale grey qtz veinning Structure: Rare to weakly deformed Alteration: Moderate patchy calcite alteration throughout and patches of moderate chlorite alteration Mineralization: Trace to 1% fine grained disseminated Py mineralization and trace to 1% fine grained Mt mineralization Lower Contact: Sharp but irregular and wavy

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110265 | 285.3 | 286.0 | 0.7 | 0.027 | | | | |
| CAOND110266 | 286.0 | 287.5 | 1.5 | 0.024 | | | | |
| CAOND110267 | 287.5 | 289.0 | 1.5 | 0.089 | | | | |
| CAOND110268 | 289.0 | 290.5 | 1.5 | 0.037 | | | | |
| CAOND110269 | 290.5 | 291.5 | 1.0 | 0.015 | | | | |
| CAOND110271 | 291.5 | 292.5 | 1.0 | 0.019 | | | | |

**Major: From:** 292.50 **To:** 294.70 I3, Roches intrusives mafiques

Composition: Dark green, fine grained, massive; I3 - Mafic intrusion Magnetism: weak to moderately magnetic Veinning: No significant veinning only chaotic calcite veinlets Structure: None observed Alteration: Moderate to strong calcite alteration occuring as mm scale spots and chaotic veinlets Mineralization: 1% clustered Py mineralization Lower Contact: Sharp; oriented at 60 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110272 | 292.5 | 294.0 | 1.5 | 0.019 | | | | |
| CAOND110273 | 294.0 | 294.7 | 0.7 | 0.103 | | | | |

**Major: From:** 294.70 **To:** 302.40 I2D, Syénite

Composition: Medium reddish brown, medium grained, relatively massive; I2D - Syenite Magnetism: Weakly magnetic Veinning: Network of chaotic calcite veinlets Structure: No significant structures observed Alteration: Weak calcite and chlorite alteration occuring as fracture filled and veinlets Mineralization: 4x4cm patch of 85% galena (294-295m) with 1% chalcopyrite also in cluster. 3-5% chalcopyrite in remainders of interval occuring as clusters in calcite veinlets Lower Contact: Sharp, but wavy and irregular

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
294.70 - 302.40: CPY, IRR, 3.00, -, -, 2-3% clusters of Cp mineralization occuring incalcite vienelts
294.90 - 295.00: GAL, EUH, 5.00, -, MGR, 4x4cm cluster of medium grained galena

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110274 | 294.7 | 295.5 | 0.8 | 0.063 | | | | |
| CAOND110276 | 295.5 | 297.0 | 1.5 | 0.010 | | | | |
| CAOND110277 | 297.0 | 298.5 | 1.5 | 0.047 | | | | |
| CAOND110278 | 298.5 | 300.0 | 1.5 | 0.042 | | | | |
| CAOND110279 | 300.0 | 301.5 | 1.5 | 0.067 | | | | |
| CAOND110281 | 301.5 | 302.4 | 0.9 | 0.081 | | | | |

**Major: From:** 302.40 **To:** 305.50 V8, Trachyte

Composition: Dark green grey, dark green and medium beige with minor dark reddish patches, grungy, chaotic and mafic appearance; V8 -Trachyte Magnetism: Moderately magnetic Veinning: No sgnificant veinning Structure: No promonent deformation Alteration: Moderate to strong patchy and spotted calcite alteration Mineralization: No mineralization observed Lower Contact: Sharp, but wavy

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110282 | 302.4 | 303.5 | 1.1 | 0.127 | | | | |
| CAOND110283 | 303.5 | 304.5 | 1.0 | 0.087 | | | | |
| CAOND110284 | 304.5 | 305.5 | 1.0 | 0.032 | | | | |

## Hole number: KLUC18-501

**Major:** **From:** 305.50 **To:** 309.10 I2Dm, Mafic Syenite

Composition: Medium to dark green and dark purplish red to reddish brown, grungy appearance, medium grained and relatively massive; I2Dm - Mafic Syenite Magnetism: Moderately magnetic Veinning: No significant veinning, only minor fracture filled calcite veinlets Structure: Rare to weakly deformed Alteration: Moderate patchy calcite alteration throughout and patches of moderate chlorite alteration Mineralization: 1% locally up to 3% fine grained disseminated Py mineralization Lower Contact: Gradational

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110285 | 305.5 | 306.5 | 1.0 | 0.613 | | | | |
| CAOND110286 | 306.5 | 308.0 | 1.5 | 0.057 | | | | |
| CAOND110287 | 308.0 | 309.1 | 1.1 | 0.040 | | | | |

**Major:** **From:** 309.10 **To:** 316.50 V8, Trachyte

Composition: Dark green grey, dark green and medium beige with minor dark reddish patches, grungy, chaotic and mafic appearance; V8 -Trachyte Magnetism: Moderately magnetic Veinning: No sgnificant veinning Structure: No promonent deformation Alteration: Moderate to strong patchy and spotted calcite alteration Mineralization: No mineralization observed Lower Contact: Gradational; not clear... couble be placed anywhere between 316.5 - 317.5m

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110288 | 309.1 | 310.5 | 1.4 | 0.008 | | | | |
| CAOND110289 | 310.5 | 312.0 | 1.5 | 0.048 | | | | |
| CAOND110291 | 312.0 | 313.5 | 1.5 | 0.020 | | | | |
| CAOND110292 | 313.5 | 315.0 | 1.5 | 0.011 | | | | |
| CAOND110293 | 315.0 | 316.5 | 1.5 | 0.015 | | | | |

**Major:** **From:** 316.50 **To:** 362.10 I2Dm, Mafic Syenite

Composition: Dark green and dark purplish red to reddish brown, and minor dark green to grey intervals, dominantly grungy appearance, fine to medium grained, massive; I2Dm - Mafic Syenite Magnetism: Moderately magnetic Veinning: No significant veinning, besides chaotic pink and white calcite veinlets Structure: Dominantly massive with minor intervals that are weakly foliated and weak to moderately fracutred Alteration: Weak patchy pink and white calcite alteration, bizzard blebby patches of weak Ep? alteration (325-328m), moderate patchy and stringers of chlorite alteration Mineralization: 3-5% fine grained dissemianted Mt mineralization occuring in fractures, trace to 1% fine grained disseminated Py mineralization Lower Contact: Sharp; oriented at 50 TCA 335.1-335.5m: massive dark purplish red syenite intrusion

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

359.00 - 359.50: CPY, IRR, 5.00, -, -, 5% clustered Cp mineralization over a 10cm thick interval

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

340.50 - 342.00: FOL, 45.00, WEAK, Weak foliation oriented at 45 TCA

341.40 - 344.80: FRA, -, WEAK, Weak fracturing into 5-10cm thick angular pieces and minor 10cm thick intervals of moderate to strong fracutring into mm scale pieces

345.00 - 352.00: FOL, 35.00, WEAK, Weak foliation strating at 35 TCA and gradually increasing to 60 TCA

355.80 - 356.40: FRA, -, WEAK, Weak to moderate fracturing into 1-5cm thick pieces

**VEIN**

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS

357.40 - 358.20: QTZ_2, 10.00, -, -, -, PNK2_BASIC, -, -, 10% chaotic, pale to medium pinkish to red qtz-carlcite vein

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110294 | 316.5 | 318.0 | 1.5 | 0.462 | | | | |
| CAOND110295 | 318.0 | 319.5 | 1.5 | 0.017 | | | | |
| CAOND110296 | 319.5 | 321.0 | 1.5 | 0.070 | | | | |
| CAOND110297 | 321.0 | 322.5 | 1.5 | 0.050 | | | | |
| CAOND110298 | 322.5 | 324.0 | 1.5 | 0.017 | | | | |
| CAOND110299 | 324.0 | 325.5 | 1.5 | 0.012 | | | | |
| CAOND110301 | 325.5 | 327.0 | 1.5 | 0.007 | | | | |
| CAOND110302 | 327.0 | 328.5 | 1.5 | 0.018 | | | | |
| CAOND110303 | 328.5 | 330.0 | 1.5 | 0.008 | | | | |
| CAOND110304 | 330.0 | 331.5 | 1.5 | 0.150 | | | | |
| CAOND110305 | 331.5 | 333.0 | 1.5 | 0.097 | | | | |
| CAOND110306 | 333.0 | 334.5 | 1.5 | 0.031 | | | | |
| CAOND110307 | 334.5 | 336.0 | 1.5 | 0.020 | | | | |
| CAOND110308 | 336.0 | 337.5 | 1.5 | 0.052 | | | | |
| CAOND110309 | 337.5 | 339.0 | 1.5 | 0.248 | | | | |
| CAOND110310 | 339.0 | 340.5 | 1.5 | 0.045 | | | | |
| CAOND110311 | 340.5 | 342.0 | 1.5 | 0.069 | | | | |
| CAOND110312 | 342.0 | 343.0 | 1.0 | 0.012 | | | | |
| CAOND110313 | 343.0 | 344.0 | 1.0 | 0.014 | | | | |
| CAOND110314 | 344.0 | 345.0 | 1.0 | 0.020 | | | | |

**Hole number:** KLUC18-501

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110316 | 345.0 | 346.0 | 1.0 | 0.027 | | | | |
| CAOND110317 | 346.0 | 347.5 | 1.5 | 0.035 | | | | |
| CAOND110318 | 347.5 | 349.0 | 1.5 | 0.262 | | | | |
| CAOND110319 | 349.0 | 350.5 | 1.5 | 0.114 | | | | |
| CAOND110321 | 350.5 | 352.0 | 1.5 | 0.964 | | | | |
| CAOND110322 | 352.0 | 353.5 | 1.5 | 0.058 | | | | |
| CAOND110323 | 353.5 | 355.0 | 1.5 | 0.030 | | | | |
| CAOND110324 | 355.0 | 356.4 | 1.4 | 0.023 | | | | |
| CAOND110326 | 356.4 | 357.5 | 1.1 | 0.050 | | | | |
| CAOND110327 | 357.5 | 359.0 | 1.5 | 0.025 | | | | |
| CAOND110328 | 359.0 | 360.5 | 1.5 | 0.667 | | | | |
| CAOND110329 | 360.5 | 361.4 | 0.9 | 0.710 | | | | |
| CAOND110331 | 361.4 | 362.1 | 0.7 | 0.032 | | | | |

**Major:** **From:** 362.10 **To:** 367.40 I2Dp, Porphyritic Syenite

Composition: Dark red to purplish red, fine grained massive matrix with 2-3%, 3mm sized, pale greenish grey, waxy Lucite? phenocrysts; I2Dp - Porphyritic syenite Magnetism: Weak to moderately magnetic Veinning: 1-2% chaotic pin calcite veinlets Structure: No sgnificant structures Alteration: Pervasive moderate hematite alteration Mineralization: 1% fine grained disseminated Py mineralization Lower Contact: Sharp; oriented at 60 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110332 | 362.1 | 363.5 | 1.4 | 0.020 | | | | |
| CAOND110333 | 363.5 | 365.0 | 1.5 | 0.148 | | | | |
| CAOND110334 | 365.0 | 366.5 | 1.5 | 0.024 | | | | |
| CAOND110335 | 366.5 | 367.4 | 0.9 | 0.010 | | | | |

**Major:** **From:** 367.40 **To:** 425.40 I2Dm, Mafic Syenite

Composition: Dark puplish red with intervals of dark green to grey, dominantly grungy appearance, fine to medium grained, relatively massive; I2Dm - Mafic Syenite Magnetism: Moderately magnetic Veinning: No significant veinning, besides chaotic, whispy pink and white calcite veinlets. 2-3% qtz-cal-chl veinning between 390-392m Structure: Massive with minor intervals of weak foliation and fracturing Alteration: Weak patchy pink and white calcite alteration, pervasive moderate hematite alteration and stringers of moderate chlorite alteration Mineralization: Trace to 1% fine grained disseminated Py mineralization, minor intervals with up to 5% Py mineralization Lower Contact: Gradational, contact is placed where core seems more massive and intrusive textures. A 1.5m contact zone is placed between this Mafic Syenite and an adjacent Tuff unit because there is a gradual increase in deformation and no clear contact 420-425.4m: Seems to be an increase in bleached patches of Ab? and calcite?

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

396.00 - 397.00: PYR, DIS, 5.00, -, FGR, 5% f.gr. diss. Py

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110336 | 367.4 | 368.5 | 1.1 | 0.009 | | | | |
| CAOND110337 | 368.5 | 370.0 | 1.5 | 0.029 | | | | |
| CAOND110338 | 370.0 | 371.5 | 1.5 | 0.021 | | | | |
| CAOND110339 | 371.5 | 373.0 | 1.5 | 0.024 | | | | |
| CAOND110340 | 373.0 | 374.5 | 1.5 | 0.056 | | | | |
| CAOND110341 | 374.5 | 376.0 | 1.5 | 0.026 | | | | |
| CAOND110342 | 376.0 | 377.5 | 1.5 | 0.029 | | | | |
| CAOND110343 | 377.5 | 379.0 | 1.5 | 0.034 | | | | |
| CAOND110344 | 379.0 | 380.5 | 1.5 | 0.018 | | | | |
| CAOND110346 | 380.5 | 382.0 | 1.5 | 0.026 | | | | |
| CAOND110347 | 382.0 | 383.5 | 1.5 | 0.057 | | | | |
| CAOND110348 | 383.5 | 385.0 | 1.5 | 0.057 | | | | |
| CAOND110349 | 385.0 | 386.0 | 1.0 | 0.050 | | | | |

**Hole number:** KLUC18-501

396.00 - 397.00: FOL, 40.00, WEAK, Weak foliation oriented at 40 TCA
398.00 - 406.00: FRA, -, WEAK, Weak to locally moderate over 10cm, angular fracturing
415.50 - 425.40: FOL, 40.00, WEAK, Weak foliation oriented at 40-50 TCA

**VEIN**
TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS
390.00 - 391.50: QtzCalChl, 3.00, -, -, -, -, -, -, 3% pale grey, white, pink and dark green qtz-cal-chl veinning, occuring over 5-10cm dominantly trending at40-50 TCA. Deformed and slightly irregular
406.20 - 406.90: QtzCalChl, 20.00, -, -, -, -, PYR, .10, 15cm thick interval of chaotic white, pale grey and dark green qtz-cal-chl veinning with rare fine grained diss. Py; minor chaotic stringers of similar veinning in margins

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110351 | 386.0 | 387.0 | 1.0 | 0.021 | | | | |
| CAOND110352 | 387.0 | 388.5 | 1.5 | 0.029 | | | | |
| CAOND110353 | 388.5 | 390.0 | 1.5 | 0.057 | | | | |
| CAOND110354 | 390.0 | 391.5 | 1.5 | 0.007 | | | | |
| CAOND110355 | 391.5 | 393.0 | 1.5 | 0.025 | | | | |
| CAOND110356 | 393.0 | 394.5 | 1.5 | 0.028 | | | | |
| CAOND110357 | 394.5 | 396.0 | 1.5 | 0.076 | | | | |
| CAOND110358 | 396.0 | 397.5 | 1.5 | 0.034 | | | | |
| CAOND110359 | 397.5 | 399.0 | 1.5 | 0.023 | | | | |
| CAOND110361 | 399.0 | 400.5 | 1.5 | 0.029 | | | | |
| CAOND110362 | 400.5 | 402.0 | 1.5 | 0.023 | | | | |
| CAOND110363 | 402.0 | 403.5 | 1.5 | 0.013 | | | | |
| CAOND110364 | 403.5 | 405.0 | 1.5 | 0.012 | | | | |
| CAOND110365 | 405.0 | 406.2 | 1.2 | 0.007 | | | | |
| CAOND110366 | 406.2 | 406.9 | 0.7 | 0.006 | | | | |
| CAOND110367 | 406.9 | 408.0 | 1.1 | 0.019 | | | | |
| CAOND110368 | 408.0 | 409.5 | 1.5 | 0.017 | | | | |
| CAOND110369 | 409.5 | 411.0 | 1.5 | 0.043 | | | | |
| CAOND110371 | 411.0 | 412.5 | 1.5 | 0.023 | | | | |
| CAOND110372 | 412.5 | 414.0 | 1.5 | 0.009 | | | | |
| CAOND110373 | 414.0 | 415.5 | 1.5 | 0.015 | | | | |
| CAOND110374 | 415.5 | 417.0 | 1.5 | 0.455 | | | | |
| CAOND110376 | 417.0 | 418.5 | 1.5 | 0.027 | | | | |
| CAOND110377 | 418.5 | 420.0 | 1.5 | 0.025 | | | | |
| CAOND110378 | 420.0 | 421.5 | 1.5 | 0.025 | | | | |
| CAOND110379 | 421.5 | 423.0 | 1.5 | 0.161 | | | | |
| CAOND110381 | 423.0 | 424.0 | 1.0 | 0.104 | | | | |
| CAOND110382 | 424.0 | 425.4 | 1.4 | 0.012 | | | | |

**Major:** **From:** 425.40 **To:** 427.00 CTZ, Contact Zone

Composition: Dominantly medium purplish red with patches of pale beige. Contact zone between a mafic syenite and lapilli tuff. There is an increase in defomation as you move down hole towards the tuff unit and an increasing in bleaching. Magnetism: Moderately magnetic Veinning: 1% choatic, wormy, mm scale medium grey smoky qtz veinlets Structure: Weak gradually increasing to moderate foliation oriented at 40 TCA; deformation defined by the alignment of clasts? and alteration lenses Alteration:

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110383 | 425.4 | 426.2 | 0.8 | 0.071 | | | | |
| CAOND110384 | 426.2 | 427.0 | 0.8 | 0.109 | | | | |

**Hole number:** KLUC18-501

Moerate patchy dolomite and progressive increase in patchy, weak Ab? alteration Mineralization: 2-3% f.gr. diss. Py mineralization Lower Contact: Gradational , contact is place where the textures become more dominantly consistent with a lapilli tuff and where the colour changes to dark green and bleached (no more pinish clouring)

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

425.40 - 427.00: PYR, DIS, 2.00, -, FGR, 2-3% f.gr. diss. Py

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

425.40 - 427.00: FOL, 40.00, WEAK, Weak gradually increasing to moderate foliation at 40-50 TCA

**VEIN**

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS

425.40 - 427.00: QtzBlu, 1.00, -, -, -, BLU2_BASIC, PYR, 2.00, 1% mm scale, chaotic, wormy, medium bluish grey qtz veinlets with 2-3% Py diss. in margins

**Major:** **From:** 427.00 **To:** 455.20 V8tl, Trachytic lapilli tuff

Composition: Medium green with white patches, gradually changing to bleached pale greenish beige and pale pinkish beige, moderately to strongly deformed; V8tl - Trachytic lapilli tuff Magnetism: Rare to weakly magnetic Veinning: 3% deformed, locally boudinaged, but parallel white and pale pinkish grey qtz veinning, varying in thickness from 1-5cm thick Structure: Protomylonitic; moderate to strongly deformed; oriented at 20-40 TCA. Defined by the alignment of clasts and tuff bed? Alteration: Moderate pervasive chlorite alteratio, moderate pervasive sericite and moderate pervasive Ab? alteration, weak patchy hematite alteration Mineralization: 3-5% fine grained disseminated Py mineralization and 2-3% fine grained disseminated Mt alteration Lower Contact: Sharp, moderately sheared and brecciated; oriented at 20 TCA 452-455.2m: Clasts become larger (1-2cm thick and up to 3-4cm) and more subrounded. Moderate deformation is consistent and oriented at 30 TCA, but defined by the alignment of flattened clasts alternating with smaller mm scale clasts and fine grained matrix. Appears to be a conglomerate or sheared gneiss? The smaller clasts are bleached by Ab? alt and larger clasts are moderately hematised. Does not appear to be mineralization with PY, except for last 20cm with 5% f.gr. diss. PY and 3-5% very fine grained Mt mineralization thoughout

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

427.00 - 455.20: PYR, DIS, 2.00, -, FGR, 2-3% f.gr. diss. Py
427.00 - 452.00: PYR, DIS, 3.00, -, FGR, 3-5% v.f.gr. to f.gr. diss. Py
427.00 - 455.20: MAG, DIS, 3.00, -, FGR, 3-5% v.f.gr to f.gr. diss. Mt
455.00 - 455.20: PYR, DIS, 5.00, -, FGR, 5% f.gr. diss. PY

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

427.00 - 430.20: SER+, PAT, MOD, -, -, Moderate patchy sericite alteration
427.00 - 430.30: CHL+, PEN, MOD, -, -, Moderate pervasive chlorite alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110385 | 427.0 | 428.2 | 1.2 | 1.325 | | | | |
| CAOND110386 | 428.2 | 428.9 | 0.7 | 1.335 | | | | |
| CAOND110387 | 428.9 | 430.0 | 1.1 | 0.067 | | | | |
| CAOND110388 | 430.0 | 431.5 | 1.5 | 0.082 | | | | |
| CAOND110389 | 431.5 | 433.0 | 1.5 | 0.020 | | | | |
| CAOND110391 | 433.0 | 434.5 | 1.5 | 0.007 | | | | |
| CAOND110392 | 434.5 | 435.5 | 1.0 | 0.098 | | | | |
| CAOND110393 | 435.5 | 436.5 | 1.0 | 0.625 | | | | |
| CAOND110394 | 436.5 | 438.0 | 1.5 | 1.975 | | | | |
| CAOND110395 | 438.0 | 439.5 | 1.5 | 0.563 | | | | |
| CAOND110396 | 439.5 | 441.0 | 1.5 | 0.516 | | | | |
| CAOND110397 | 441.0 | 442.5 | 1.5 | 0.155 | | | | |
| CAOND110398 | 442.5 | 444.0 | 1.5 | 0.231 | | | | |
| CAOND110399 | 444.0 | 445.5 | 1.5 | 0.073 | | | | |
| CAOND110401 | 445.5 | 447.0 | 1.5 | 0.043 | | | | |
| CAOND110402 | 447.0 | 448.5 | 1.5 | 0.013 | | | | |
| CAOND110403 | 448.5 | 450.0 | 1.5 | 0.052 | | | | |
| CAOND110404 | 450.0 | 451.0 | 1.0 | 0.142 | | | | |
| CAOND110405 | 451.0 | 452.0 | 1.0 | 0.097 | | | | |
| CAOND110406 | 452.0 | 453.0 | 1.0 | 0.024 | | | | |

**Hole number:** KLUC18-501

427.00 - 455.20: DOL+, PAT, MOD, -, -, Moderate dolomite alteration
430.20 - 455.20: CHL+, PAT, WEAK, -, -, Weak chl alteration occuring as irregular strongers and patches
430.20 - 455.20: SER+, PAT, WEAK, -, -, Weak to moderate patchy sericite alteration
430.30 - 433.70: ALB+, PAT, MOD, -, -, Moderate patchy Ab? alteration, bleaching a lapilli tuff
433.70 - 441.20: HEM+, PAT, WEAK, -, -, Weak patchy hematite alteration
436.00 - 442.00: ALB+, PAT, MOD, -, -, Moderate patchy to pervasive ab? alteration, bleaching a lapilli tuff

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
427.00 - 434.00: FOL, 40.00, MOD, Moderate to strong foliation oriented at 40 TCA
427.00 - 455.20: PMN, -, -, -
434.00 - 444.00: FOL, 30.00, MOD, Moderate to strong foliation oriented at 20-30 TCA
441.00 - 442.00: FRA, -, WEAK, Weak fracturing into angular pieces

**VEIN**
TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS
428.20 - 428.90: QTZ, 10.00, -, -, -, PNK2_BASIC, -, -, 10% 1-2cm thick chaotic and folded pale pinkish grey qtz-ab? veinning

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110407 | 453.0 | 454.0 | 1.0 | 0.009 | | | | |
| CAOND110408 | 454.0 | 455.2 | 1.2 | 0.040 | | | | |

**Major:** **From:** 455.20 **To:** 457.30 CTZ, Contact Zone

Composition: Patches of dark grey, pale pinkish beige, medium bluish grey, moderately deformed contact / transition zone between trachyte lapilli tuff and trachytic tuff Magnetism: Moderately magnetic Veinning: 5% mm scale, chaotic, discontinous medium blue grey qtz veinning Structure: Strongly sheared at 30 TCA Alteration: Patchy moderate to strong chlorite and sericite alteration, weak patchy albite bleaching? Mineralization: 10-15% fine grained disseminated PY mineralization occuring in patches of Chl and Ser. alteration up to 456m, trace to 1% PY between 456-457.3m Lower Contact: Gradational, contact is placed where textured become consistent with a tuff, the chl and ser. alt. diminishes and shearing diminishes

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
455.20 - 456.00: PYR, DIS, 10.00, -, FGR, 10-15% dissemianted f.gr. Py
456.00 - 457.30: PYR, DIS, 1.00, -, FGR, 1% fine grained PY mineralization

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS
455.20 - 457.30: CHL+, PAT, MOD, -, -, Moderate to strong patchy and whispy chlorite alteration
455.20 - 457.30: SER+, PAT, MOD, -, -, MOderate to strong patchy and whispy sericite alteration

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
455.20 - 456.00: FOL, 30.00, STRONG, Strong shearing oriented at 30-40 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110409 | 455.2 | 456.0 | 0.8 | 0.080 | | | | |
| CAOND110410 | 456.0 | 457.3 | 1.3 | 0.010 | | | | |

**Hole number:** KLUC18-501

**VEIN**
TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS
455.20 - 457.30: QTZ, 5.00, -, -, DFM, BLU2_BASIC, PYR, 5.00, 5% mm scale, deformed, chaotic, discontinuous medium bluish grey qtz veinning with locally up to 15% diss. PY in margins

**Major:** **From:** 457.30 **To:** 477.00 V8t, Trachytic tuff

Composition: Medium grey and medium pinkish grey, dominantly syenitic composition or appearance; V8mt - Trachyte Tuff Magnetism: Moderately magnetic Veinning: 1-2% mm scale irregular and chaotic, white dolomite veinlets. 468.9-471.3m = 2% 1-2cm thick, pale grey and white irregular qtz-hem veinning, dominantly 1mm thick Structure: Moderately deformed at 20-30 TCA Alteration: Moderate to strong spotted dolomite alteration, moderate pervasive hematite alteration? Mineralization: 5-10% fine grained disseminated Py mineralization throughout Lower Contact: Gradational. Contact is placed where tuff textures change to deformed lapilli 473-477m: Calcite alteration gradually re-appears as chaotic vuggy patches. The planar, clean foliation and texutres are loss. This interval is still moderately deformed but it appears more chaotic and over printer by calcite alt?10-15% f.gr. diss. Py mineralization occuring at beginning of interval and 5% clustered f.gr. magnetite mineralization is now present.

**MINOR INTERVAL**
467.80 - 468.00: CNRGrinding / 20cm thick intervals of lost core

**MINOR INTERVAL**
473.60 - 474.20: CNRGrinding / 40cm thick intervals of lost core

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
457.30 - 459.00: PYR, DIS, 5.00, -, FGR, 5% fine grained diss. PY
459.00 - 468.50: PYR, DIS, 1.00, -, FGR, 1% f.gr. diss. Py
468.50 - 473.50: PYR, DIS, 10.00, -, FGR, 10-15% f.gr. diss. Py
473.50 - 475.50: MAG, DIS, 5.00, -, FGR, 5% clustered f.gr. Mt
473.50 - 475.50: PYR, DIS, 10.00, -, FGR, 10% f.gr. diss. Py

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS
457.30 - 473.50: DOL+, SPO, MOD, -, -, Moderate spotted dolomite alteration
473.50 - 477.00: CAL+, PAT, MOD, -, -, Moderate to strong irregular and chaotic, vuggy patches of calcite alteration

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
457.30 - 471.00: FOL, 20.00, MOD, Moderate deformation at 20-30 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110411 | 457.3 | 458.5 | 1.2 | 0.064 | | | | |
| CAOND110412 | 458.5 | 460.0 | 1.5 | 0.042 | | | | |
| CAOND110413 | 460.0 | 461.5 | 1.5 | 0.022 | | | | |
| CAOND110414 | 461.5 | 463.0 | 1.5 | 0.465 | | | | |
| CAOND110416 | 463.0 | 464.5 | 1.5 | 0.126 | | | | |
| CAOND110417 | 464.5 | 466.0 | 1.5 | 0.105 | | | | |
| CAOND110418 | 466.0 | 467.5 | 1.5 | 0.005 | | | | |
| CAOND110419 | 467.5 | 469.0 | 1.5 | 0.016 | | | | |
| CAOND110421 | 469.0 | 470.5 | 1.5 | 0.024 | | | | |
| CAOND110422 | 470.5 | 472.0 | 1.5 | 0.018 | | | | |
| CAOND110423 | 472.0 | 473.0 | 1.0 | 0.010 | | | | |
| CAOND110424 | 473.0 | 473.8 | 0.8 | 0.006 | | | | |
| KLUC18-501-LC2 | 473.8 | 474.2 | 0.4 | | | | | |
| CAOND110426 | 474.2 | 475.5 | 1.3 | 0.006 | | | | |
| CAOND110427 | 475.5 | 477.0 | 1.5 | 0.003 | | | | |

## Hole number: KLUC18-501

**Major:** **From:** 477.00 **To:** 493.90 V8mtl, Trachyte mafic tuff lapilli

Composition: Dark green to dark reddish grey, fine grained relatively massive matrix with chaotic and whispy pink calcite veinlets and lapilli sized syenitic clasts? V8mtl - Trachyte mafic lapilli tuff Magnetism: Moderately magnetic Veinning: Chaotic, mm scale pink calcite veinlets Structure: Moderate deformation Alteration: Moderate patchy calcite alteration Mineralization: 10-15% very fine grained disseminated Py mineralization and trace medium grained diss. PY Lower Contact: Sharp

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

491.00 - 493.90: PYR, DIS, 10.00, -, VFG, 10-15% very f.gr. diss. Py

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110428 | 477.0 | 478.5 | 1.5 | 0.003 | | | | |
| CAOND110429 | 478.5 | 480.0 | 1.5 | 0.003 | | | | |
| CAOND110431 | 480.0 | 481.5 | 1.5 | 0.003 | | | | |
| CAOND110432 | 481.5 | 483.0 | 1.5 | 0.003 | | | | |
| CAOND110433 | 483.0 | 484.5 | 1.5 | 0.003 | | | | |
| CAOND110434 | 484.5 | 486.0 | 1.5 | 0.003 | | | | |
| CAOND110435 | 486.0 | 487.5 | 1.5 | 0.003 | | | | |
| CAOND110436 | 487.5 | 489.0 | 1.5 | 0.003 | | | | |
| CAOND110437 | 489.0 | 490.5 | 1.5 | 0.005 | | | | |
| CAOND110438 | 490.5 | 492.0 | 1.5 | 0.009 | | | | |
| CAOND110439 | 492.0 | 493.0 | 1.0 | 0.043 | | | | |
| CAOND110440 | 493.0 | 493.9 | 0.9 | 0.047 | | | | |

**Major:** **From:** 493.90 **To:** 499.40 V8mt, Trachyte mafic tuff

Composition: Dark green and medium purplish red; V8mt - Trachyte mafic Tuff Magnetism: Moderately magnetic Veinning: 15% qtz-hem-chl-cal veinning, dominantly 1cm thick parallel at 70-80 TCA and crosscutting deformation. 2x 20cm thick deformed qtz-hem-chl-cal veins and 2-3% chaotic calcite veinlets Structure: Moderately deformed at 40-50 TCA with local minor folding of calcite patches Alteration: Moderate pervasive hematite alteration? Moderate to strong spotted and patchy calcite alteration, moderate patchy chlorite alteration Mineralization: 1-5% fine grained disseminated PY mineralization with locally up to 20% PY at contacts of thick veins Lower Contact: Gradational. contact is placed where tuff textures change to deformed lapilli

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

493.90 - 494.40: PYR, DIS, 20.00, -, FGR, 20% f.gr. diss. Py occuring within and at contacts of vein
494.40 - 498.00: PYR, DIS, 5.00, -, FGR, 5% f.gr. diss. Py
498.00 - 499.40: PYR, DIS, 10.00, -, FGR, 10% f.gr. diss. Py

**VEIN**

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS

494.00 - 494.40: QTZ, 80.00, -, -, DFM, RED2_BASIC, PYR, 20.00, 80% deformed, pale pinish grey, medium red, white and green qtz-hem-chl-cal veinning with 20% fine grained diss. Py mineralization at contacts
494.00 - 499.00: QTZ, 5.00, -, -, -, RED2_BASIC, PYR, 5.00, 5% 1cm thick medium red and white qtz-hem-cal-chl veinlets
496.80 - 497.20: QTZ, 90.00, -, -, DFM, RED2_BASIC, PYR, 15.00, 90% deformed, pale pinkish grey, medium red, dark green and qtz-hem-chl-cal veinning with 15% fine grained dissemianted at contact

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110441 | 493.9 | 494.4 | 0.5 | 0.202 | | | | |
| CAOND110442 | 494.4 | 495.5 | 1.1 | 0.029 | | | | |
| CAOND110443 | 495.5 | 496.8 | 1.3 | 0.149 | | | | |
| CAOND110444 | 496.8 | 497.3 | 0.5 | 0.104 | | | | |
| CAOND110446 | 497.3 | 498.2 | 0.9 | 0.029 | | | | |
| CAOND110447 | 498.2 | 499.4 | 1.2 | 0.344 | | | | |

## Hole number: KLUC18-501

**Major:** **From:** 499.40 **To:** 507.30 V8mtl, Trachyte mafic tuff lapilli

Composition: Dark green to greenish grey matrix with 50% irregular and chaotic medium pink and medium beige vuggy patches; V8mtl - Trachyte mafic Tuff lapilli Magnetism: Moderately magnetic Veinning: No significant veinning, unclear whether or not the irregular patches are clasts or deformed veinning? Structure: Strongly deformed, but only weak preferential alignment of patches at 40-50 TCA. Local wavy to folded and crenulation or patches Alteration: Moderate to strong patchy vuggy calcite alteration, possibly local weak sericite alteration Mineralization: 5-20% fine grained disseminated Py mineralization Lower Contact: Gradational. Contact is placed where tuff textures become finer grained and more consistent with a tuff. Where there is a lack of those chaotic patches / clasts

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

499.40 - 501.00: PYR, DIS, 10.00, -, FGR, 10% f.gr. diss. Py
501.00 - 502.00: PYR, DIS, 15.00, -, FGR, 15-20% f.gr. diss. Py
502.00 - 504.00: PYR, DIS, 5.00, -, FGR, 5% f.gr. diss. Py
504.00 - 507.30: PYR, DIS, 1.00, -, FGR, 1-2% f.gr. diss. Py

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

499.40 - 507.30: CAL+, PAT, MOD, -, -, Moderate patchy vuggy calcite alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110448 | 499.4 | 500.5 | 1.1 | 0.045 | | | | |
| CAOND110449 | 500.5 | 502.0 | 1.5 | 0.097 | | | | |
| CAOND110451 | 502.0 | 503.5 | 1.5 | 0.039 | | | | |
| CAOND110452 | 503.5 | 505.0 | 1.5 | 0.040 | | | | |
| CAOND110453 | 505.0 | 506.5 | 1.5 | 0.061 | | | | |
| CAOND110454 | 506.5 | 507.3 | 0.8 | 0.041 | | | | |

**Major:** **From:** 507.30 **To:** 512.20 V8mt, Trachyte mafic tuff

Composition: Medium reddish gradually changing to medium greenish grey; V8mt - Trachyte mafic Tuff The begginning of the interval is medium reddish grey, non to weakly magnetic with 20-25% very fine grained disseminated Py mineralization; appears more syenitic in composition. This reddish interval gradually changes to medium to dark green to greenish grey with 1-5% very fine grained disseminated Py mineralization; appears more mafic composition Magnetism: Beginning as weakly magnetic and gradually changing to moderate Veinning: 2x 5-10cm thick white qtz-ab?-chl veinning and 1% white qtz-cal veinning less than1cm thick Structure: Moderate deformation oriented at 40-50 TCA Alteration: Weak pervasive hematite alteration at beginning of interval, weak to moderate spotted calcite alteration throughout Mineralization: 20-25% very fine grained disseminated Py mineralization at beginning of interval, decreasing to 1-5% and locally 10% Lower Contact: Gradational, contact is placed where textures change and no longer appear as a tuff

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

507.30 - 509.00: PYR, DIS, 20.00, -, VFG, 20-25% v.f.gr. Py
510.00 - 512.20: PYR, DIS, 10.00, -, VFG, 10% v.f.gr Py

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

507.30 - 512.20: FOL, 40.00, MOD, Moderate deformation oriented at 40-50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110455 | 507.3 | 508.5 | 1.2 | 0.062 | | | | |
| CAOND110456 | 508.5 | 509.5 | 1.0 | 0.076 | | | | |
| CAOND110457 | 509.5 | 511.0 | 1.5 | 0.033 | | | | |
| CAOND110458 | 511.0 | 512.2 | 1.2 | 0.376 | | | | |

## Hole number: KLUC18-501

**Major:** **From:** 512.20 **To:** 553.00 V8, Trachyte

Composition: Patchy medium pink of syenititc composition with dark green, fine grained, mafic matrix and stringers, strongly deformed and chaotic; V8 - Trachyte Magnetism: Moderately magnetic Veinning: 1-2% chaotic and deformed mm scale qtz-cal veinlets Structure: Strongly deformed. Moderate parallel alignment defined by the preferential alignment of syenitic clasts? and fine grained matrix. Gradually changing to chaotic deformation with 2 apparent crosscutting orientations (40-50 TCA). Minor interval of shallow foliation oriented at 30-40 TCA Alteration: Moderate patchy and spotted calcite alteration Mineralization: 5% clusters 1-2mm thick of very fine grained Py mineralization, other clusters more disseminated of 10% Py Lower Contact: Gradational; contact is placed where textures become moderately foliated, bleached and clast dominated. 516-525m: Textures are moderately to strongly deformed and clastic? Rounded, weakly folded, compressed and prefentially aligned syenitic clasts? separated by fine grained mafic matrix 525-529m: Clastic texutre gradually diminishes intervals a foliated intervals with moderate to strong primary foliation defined by the alignment and alternating pale and dark colour mm scale laminations? These laminations or foliation planes are weakly crenulated. 529-546m: Textures gradually change to a chaotic mélange of dark gree, fine grained matrix overprinted by chaotic and deformed mm scale pale pink and pinkish beige veins? clasts? laminations? of dominantly calcite with no preferential orientation observed. There are minor intervals up to 1m thick where the foliation is visible, moderate to strong and oriented at 30-50 TCA. PY mineralization is dominantly 1% or lesss but there are minor intervals that contain clusters of up to 5% PY. Minor inervals that appear bleaches from diffused calcite alteration in fracture margins.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

512.20 - 515.00: PYR, DIS, 10.00, -, VFG, 10% v.f.gr. Py

520.00 - 525.00: PYR, DIS, 10.00, -, VFG, 10-15% v.f.gr. Py mineralization disseminated and occuring in irreuglar wormy clusters

529.00 - 544.00: PYR, DIS, 5.00, -, VFG, 5% v.f.gr Py disseminated and clustered

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

512.20 - 529.00: DFZ, -, STRONG, Interval of strong deformation containining brecciated clasts that are locally preferentially aligned at 40-50 TCA, local chaotic folding and minor crenulations

526.00 - 527.00: CRN, 40.00, WEAK, Weak crenulation, primary foliation strong and defined by the alignment and alternating paler and darker bands at 40-50 TCA that are weakly crenulated in crosscutting opposite orientation of 40-50 TCA

552.00 - 553.00: FRA, -, WEAK, Weak fracturing into 10-15cm thick pieces

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110459 | 512.2 | 513.5 | 1.3 | 0.049 | | | | |
| CAOND110461 | 513.5 | 515.0 | 1.5 | 0.071 | | | | |
| CAOND110462 | 515.0 | 516.5 | 1.5 | 0.029 | | | | |
| CAOND110463 | 516.5 | 518.0 | 1.5 | 0.021 | | | | |
| CAOND110464 | 518.0 | 519.5 | 1.5 | 0.014 | | | | |
| CAOND110465 | 519.5 | 521.0 | 1.5 | 0.054 | | | | |
| CAOND110466 | 521.0 | 522.5 | 1.5 | 0.012 | | | | |
| CAOND110467 | 522.5 | 524.0 | 1.5 | 0.005 | | | | |
| CAOND110468 | 524.0 | 525.0 | 1.0 | 0.005 | | | | |
| CAOND110469 | 525.0 | 526.5 | 1.5 | 0.005 | | | | |
| CAOND110471 | 526.5 | 528.0 | 1.5 | 0.007 | | | | |
| CAOND110472 | 528.0 | 529.5 | 1.5 | 0.003 | | | | |
| CAOND110473 | 529.5 | 531.0 | 1.5 | 0.003 | | | | |
| CAOND110474 | 531.0 | 532.5 | 1.5 | 0.007 | | | | |
| CAOND110476 | 532.5 | 534.0 | 1.5 | 0.010 | | | | |
| CAOND110477 | 534.0 | 535.5 | 1.5 | 0.008 | | | | |
| CAOND110478 | 535.5 | 537.0 | 1.5 | 0.007 | | | | |
| CAOND110479 | 537.0 | 538.5 | 1.5 | 0.008 | | | | |
| CAOND110481 | 538.5 | 540.0 | 1.5 | 0.007 | | | | |
| CAOND110482 | 540.0 | 541.5 | 1.5 | 0.014 | | | | |
| CAOND110483 | 541.5 | 543.0 | 1.5 | 0.006 | | | | |
| CAOND110484 | 543.0 | 544.5 | 1.5 | 0.014 | | | | |
| CAOND110485 | 544.5 | 546.0 | 1.5 | 0.005 | | | | |
| CAOND110486 | 546.0 | 547.0 | 1.0 | 0.010 | | | | |
| CAOND110487 | 547.0 | 548.5 | 1.5 | 0.013 | | | | |
| CAOND110488 | 548.5 | 550.0 | 1.5 | 0.015 | | | | |
| CAOND110489 | 550.0 | 551.5 | 1.5 | 0.040 | | | | |
| CAOND110491 | 551.5 | 553.0 | 1.5 | 0.052 | | | | |

**Major:** **From:** 553.00 **To:** 583.00 V8tl, Trachytic lapilli tuff

Composition: Medium beige to white and medium greenish beige, moderately deformed to mylonitic, mm scale pits and irregular surface; V8tl - Trachyte lapilli tuff Magnetism: Moderately magnetic with minor interval that is non-magnetic between 559-561m Veinning: 1% white qtz-cal veinning parallel to deformation Structure: Moderately deformed at 40-50 TCA Alteration: Moderate patchy and spotted calcite alteration gradually diminishing to weak after 558m and changing to dolomite, moderate patchy

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110492 | 553.0 | 554.5 | 1.5 | 0.024 | | | | |
| CAOND110493 | 554.5 | 556.0 | 1.5 | 0.020 | | | | |
| CAOND110494 | 556.0 | 557.5 | 1.5 | 0.118 | | | | |

**Hole number:** KLUC18-501

ab? bleaching? and minor interval of pervasive weak to moderate silicification, minor mm scale stringers of moderate chlorite alteration becoming more abundant after 462m. Local irregular stringers of moderate sericite alteration Mineralization: 10% very fine grained disseminated Py mineralization, minor intervals of 2-3% fine grained dissemiated Mt mineralization Lower Contact: Gradational; contact is placed where core becomes non magnetic and chaotic textures of the lapilli tuff change to fine grained more parallel and continuous laminations?

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

553.00 - 583.00: PYR, DIS, 10.00, -, VFG, 10% v.fr.gr. diss. Py

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

559.00 - 561.00: SIC+, PEN, WEAK, -, -, Weak to moderate pervasive Si alteration

563.00 - 583.00: DOL+, PAT, MOD, -, -, Moderate patchy dolomite alteration

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

553.00 - 554.50: FRA, -, WEAK, Weak fracturing into 10-15cm thick pieces

554.00 - 583.00: DFZ, -, MOD, Moderate to strong deformation zone?

554.00 - 583.00: FOL, 40.00, MOD, Moderate foliation oriented at 40-50 TCA defined by the alignment of grouped

562.00 - 583.00: FLD, -, WEAK, Weak chaotic folding at a mm to cm scale

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND110495 | 557.5 | 559.0 | 1.5 | 2.670 | | | | |
| CAOND110496 | 559.0 | 560.0 | 1.0 | 0.552 | | | | |
| CAOND110497 | 560.0 | 561.0 | 1.0 | 0.666 | | | | |
| CAOND110498 | 561.0 | 562.5 | 1.5 | 0.372 | | | | |
| CAOND110499 | 562.5 | 564.0 | 1.5 | 0.021 | | | | |
| CAOND111501 | 564.0 | 565.5 | 1.5 | 0.028 | | | | |
| CAOND111502 | 565.5 | 567.0 | 1.5 | 0.020 | | | | |
| CAOND111503 | 567.0 | 568.5 | 1.5 | 0.013 | | | | |
| CAOND111504 | 568.5 | 570.0 | 1.5 | 0.020 | | | | |
| CAOND111505 | 570.0 | 571.5 | 1.5 | 0.013 | | | | |
| CAOND111506 | 571.5 | 573.0 | 1.5 | 0.019 | | | | |
| CAOND111507 | 573.0 | 574.5 | 1.5 | 0.027 | | | | |
| CAOND111508 | 574.5 | 576.0 | 1.5 | 0.040 | | | | |
| CAOND111509 | 576.0 | 577.5 | 1.5 | 0.047 | | | | |
| CAOND111510 | 577.5 | 579.0 | 1.5 | 0.021 | | | | |
| CAOND111511 | 579.0 | 580.5 | 1.5 | 0.012 | | | | |
| CAOND111512 | 580.5 | 582.0 | 1.5 | 0.009 | | | | |
| CAOND111513 | 582.0 | 583.0 | 1.0 | 0.061 | | | | |

**Major:** **From:** 583.00 **To:** 620.00 S3, GRAUWACKE

Composition: Medium bluish grey, fine grained, finely laminated; S3 - Greywacke Magnetism: Non magnetic gradually becoming moderately magnetic at 608m Veinning: 5% deformed, folded, chaotic, discontinuous, white qtz veinning with minor later, undeformed pale bluish grey qtz veins crosscutting deformation Structure: Finely laminated? Weak to moderately foliated at 30-40 TCA Alteration: Minor pervasive patches of moderate hem? alteration (medium reddish brown). M.Oosterman called it stibnite alteration in previous MSO holes. MM scale discontinous stringers of moderate chlorite alteration. Weak to moderate spotted to patchy dolomite alteration. Mineralization: 1-2% fine grained disseminated Py mineraliation, minor clustes of 15-20% fine grained Py mineralization and 20cm thick interval with 5% clustered fine grained galena @597.2m Lower Contact: Gradational 604-616m: Fine grained and more massive, no apparent laminations. Minor interval with irregular hematite alteration with a slight intrusive appearance however no lower contacts are observed.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

583.00 - 593.00: PYR, DIS, 15.00, -, VFG, 15-20% v.f.gr. diss. PY with minor grains fine to med. gr.

593.00 - 597.00: PYR, DIS, 2.00, -, VFG, 2-3% v.f.gr. diss. Py

597.00 - 597.50: GAL, DIS, 5.00, -, FGR, 5% galena clsutered together is a wormy irregular patch

597.00 - 597.50: PYR, DIS, 10.00, -, VFG, 10% v.f.gr. diss. Py

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111514 | 583.0 | 584.0 | 1.0 | 0.023 | | | | |
| CAOND111516 | 584.0 | 585.0 | 1.0 | 0.030 | | | | |
| CAOND111517 | 585.0 | 586.5 | 1.5 | 0.022 | | | | |
| CAOND111518 | 586.5 | 588.0 | 1.5 | 2.450 | | | | |
| CAOND111519 | 588.0 | 589.0 | 1.0 | 4.310 | | | | |
| CAOND111521 | 589.0 | 590.0 | 1.0 | 0.207 | | | | |
| CAOND111522 | 590.0 | 591.0 | 1.0 | 0.078 | | | | |
| CAOND111523 | 591.0 | 592.5 | 1.5 | 0.021 | | | | |
| CAOND111524 | 592.5 | 594.0 | 1.5 | 0.010 | | | | |
| CAOND111526 | 594.0 | 595.5 | 1.5 | 0.307 | | | | |
| CAOND111527 | 595.5 | 597.0 | 1.5 | 0.671 | | | | |
| CAOND111528 | 597.0 | 597.5 | 0.5 | 1.855 | | | | |
| CAOND111529 | 597.5 | 599.0 | 1.5 | 0.265 | | | | |
| CAOND111531 | 599.0 | 600.5 | 1.5 | 0.014 | | | | |

## Hole number: KLUC18-501

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

589.00 - 591.00: HEM+, PAT, MOD, -, -, Moderate pervasive patches of hem? alteration or stibnite?
608.50 - 614.00: HEM+, PAT, MOD, -, -, Irregular patches and pervasive intervals of moderate hem alteration

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

583.00 - 598.00: FOL, 30.00, WEAK, Weak to moderate foliation / mm scale laminations oriented at 30-40 TCA

**VEIN**

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS

588.00 - 591.00: QtzBlu, 15.00, -, -, -, BLU2_BASIC, -, -, 15% mm scale, parallel patches of bluish grey qtz?
590.00 - 591.00: QTZ, 5.00, -, -, -, -, PYR, 20.00, 5% pale grey to white qtz veinning 1-2cm thick and clusters of mm scale dominantly crosscutting deformation. up to 20% f.gr.diss. Py mineralization in margins not associated with veinning
608.60 - 614.00: QTZ, 5.00, -, -, -, -, -, -, 5% choatic, dominantly mm scale, pale grey and white qtz veinning

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111532 | 600.5 | 602.0 | 1.5 | 0.003 | | | | |
| CAOND111533 | 602.0 | 603.5 | 1.5 | 0.043 | | | | |
| CAOND111534 | 603.5 | 605.0 | 1.5 | 0.069 | | | | |
| CAOND111535 | 605.0 | 606.5 | 1.5 | 0.165 | | | | |
| CAOND111536 | 606.5 | 607.5 | 1.0 | 0.032 | | | | |
| CAOND111537 | 607.5 | 608.6 | 1.1 | 0.015 | | | | |
| CAOND111538 | 608.6 | 609.9 | 1.3 | 0.007 | | | | |
| CAOND111539 | 609.9 | 611.0 | 1.1 | 0.006 | | | | |
| CAOND111540 | 611.0 | 612.5 | 1.5 | 0.024 | | | | |
| CAOND111541 | 612.5 | 614.0 | 1.5 | 0.015 | | | | |
| CAOND111542 | 614.0 | 615.5 | 1.5 | 0.022 | | | | |
| CAOND111543 | 615.5 | 617.0 | 1.5 | 0.124 | | | | |
| CAOND111544 | 617.0 | 618.5 | 1.5 | 0.056 | | | | |
| CAOND111546 | 618.5 | 620.0 | 1.5 | 0.015 | | | | |

**Major:** **From:** 620.00 **To:** 656.30 V8mt, Trachyte mafic tuff

Composition: Dark green to greenish grey matrix with white to pale grey spots; V8mt - Trachyte mafic tuff Magnetism: Weakly magnetic Veinning: No signficant veinning Structure: Weakly deformed gradually increasing to moderate Alteration: Weak spotted calcite alteration, gradually changing to irregular and choatic patches of pink calcite Mineralization: 1-2% very fine grained disseminated PY mineralization Lower Contact: Sharp; orientd at 50 TCA @ approx. 635m: there is a gradual increase in chaotic, folded and deformed patches of pink calcite

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

633.00 - 656.30: FOL, 40.00, MOD, Moderate to strong deformation and chaotic cm scale folding, prefentially alignment at 40-50 TCA
656.20 - 656.30: CCT, 50.00, -, Sharp lower contact at 50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111547 | 620.0 | 621.5 | 1.5 | 0.025 | | | | |
| CAOND111548 | 621.5 | 623.0 | 1.5 | 0.035 | | | | |
| CAOND111549 | 623.0 | 624.5 | 1.5 | 0.077 | | | | |
| CAOND111551 | 624.5 | 626.0 | 1.5 | 0.019 | | | | |
| CAOND111552 | 626.0 | 627.5 | 1.5 | 0.016 | | | | |
| CAOND111553 | 627.5 | 629.0 | 1.5 | 0.007 | | | | |
| CAOND111554 | 629.0 | 630.5 | 1.5 | 0.015 | | | | |
| CAOND111555 | 630.5 | 632.0 | 1.5 | 0.038 | | | | |
| CAOND111556 | 632.0 | 633.5 | 1.5 | 0.068 | | | | |
| CAOND111557 | 633.5 | 635.0 | 1.5 | 0.060 | | | | |
| CAOND111558 | 635.0 | 636.5 | 1.5 | 0.005 | | | | |
| CAOND111559 | 636.5 | 638.0 | 1.5 | 0.003 | | | | |
| CAOND111561 | 638.0 | 639.5 | 1.5 | 0.003 | | | | |
| CAOND111562 | 639.5 | 641.0 | 1.5 | 0.003 | | | | |
| CAOND111563 | 641.0 | 642.5 | 1.5 | 0.003 | | | | |
| CAOND111564 | 642.5 | 644.0 | 1.5 | 0.003 | | | | |

**Hole number:** KLUC18-501

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111565 | 644.0 | 645.5 | 1.5 | 0.024 | | | | |
| CAOND111566 | 645.5 | 647.0 | 1.5 | 0.017 | | | | |
| CAOND111567 | 647.0 | 648.5 | 1.5 | 0.017 | | | | |
| CAOND111568 | 648.5 | 650.0 | 1.5 | 0.009 | | | | |
| CAOND111569 | 650.0 | 651.5 | 1.5 | 0.007 | | | | |
| CAOND111571 | 651.5 | 653.0 | 1.5 | 0.008 | | | | |
| CAOND111572 | 653.0 | 654.5 | 1.5 | 0.011 | | | | |
| CAOND111573 | 654.5 | 655.5 | 1.0 | 0.014 | | | | |
| CAOND111574 | 655.5 | 656.3 | 0.8 | 0.009 | | | | |

**Major:** **From:** 656.30 **To:** 660.80 I2D, Syénite

Composition: Medium grey and pinkish brown, moderate to strongly sheared; I2D - Syenite Magnetism: Moderately magnetic Veinning: 1cm thick white qtz vein and less than 1% mm scale qtz-cal veinlets Structure: Moderate to strong deformation oriented at 50 TCA Alteration: Moderate spotted calcite alteration Mineralization: TRace to 1% fine to medium grained PY mineralization Lower Contact: Sharp; oriented at 50 TCA

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

656.30 - 660.80: FOL, 50.00, -, Moderate to strong shearing and preferential alignment at 50 TCA

660.70 - 660.80: CCT, 50.00, -, Sharp lower contact oriented at 50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111576 | 656.3 | 657.5 | 1.2 | 0.003 | | | | |
| CAOND111577 | 657.5 | 658.7 | 1.2 | 0.007 | | | | |
| CAOND111578 | 658.7 | 659.8 | 1.1 | 0.003 | | | | |
| CAOND111579 | 659.8 | 660.8 | 1.0 | 0.003 | | | | |

**Major:** **From:** 660.80 **To:** 671.70 V8mt, Trachyte mafic tuff

Composition: Dark green to greenish grey matrix with chaotic white and pink patches and veins? of calcite; V8mt - Trachyte mafic tuff Magnetism: Moderately magnetic Veinning: No signficant veinning, possibly 25-30% deformed, chaotic but parallel pink clacite veins Structure: Moderately deformed and preferentially aligned at 50 TCA Alteration: Moderate pervasive chlorite alteration and moderate to strong patchy pink calcite alteration Mineralization: 1-2% very fine grained disseminated PY mineralization Lower Contact: Sharp; orientd at 50 TCA 670.7-670.8m: 10cm thick, dark pinkish purple, moderately deformed syenite intrusion 671.05-671.4m: 35cm thick dark pinkish purple, moderately deformed syenite intrusion

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

660.80 - 671.70: FOL, 50.00, -, Moderate to strong deformation and chaotic cm scale folding, prefentially alignment at 40-50 TCA

671.60 - 671.70: CCT, 50.00, -, Sharp lower contact at 50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111581 | 660.8 | 661.7 | 0.9 | 0.006 | | | | |
| CAOND111582 | 661.7 | 662.5 | 0.8 | 0.009 | | | | |
| CAOND111583 | 662.5 | 664.0 | 1.5 | 0.008 | | | | |
| CAOND111584 | 664.0 | 665.5 | 1.5 | 0.008 | | | | |
| CAOND111585 | 665.5 | 667.0 | 1.5 | 0.006 | | | | |
| CAOND111586 | 667.0 | 668.0 | 1.0 | 0.005 | | | | |
| CAOND111587 | 668.0 | 669.5 | 1.5 | 0.007 | | | | |
| CAOND111588 | 669.5 | 670.7 | 1.2 | 0.011 | | | | |
| CAOND111589 | 670.7 | 671.7 | 1.0 | 0.007 | | | | |

**Major:** **From:** 671.70 **To:** 675.00 I2D, Syénite

Composition: Medium to dark pinkish and purplish brown, moderate to strongly sheared; I2D - Syenite Magnetism: Moderately magnetic Veinning: No significant veinning Structure: Moderate to strong

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111591 | 671.7 | 672.5 | 0.8 | 0.003 | | | | |

**Hole number: KLUC18-501**

deformation oriented at 50 TCA Alteration: Moderate spotted calcite alteration and moderate patchy to spotted chlorite alteration Mineralization: 1-3% fine to medium grained PY mineralization Lower Contact: Not reached

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

671.70 - 675.00: FOL, 50.00, -, Moderate to strong shearing and preferential alignment at 50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111592 | 672.5 | 673.5 | 1.0 | 0.003 | | | | |
| CAOND111593 | 673.5 | 675.0 | 1.5 | 0.352 | | | | |

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 24.0 | 27.0 | 53.00 | 100.00 | | | N | |
| 27.0 | 30.0 | 63.00 | 100.00 | | | N | |
| 30.0 | 33.0 | 17.00 | 80.00 | | | N | |
| 33.0 | 36.0 | 50.00 | 100.00 | | | N | |
| 36.0 | 39.0 | 68.00 | 100.00 | | | N | |
| 39.0 | 42.0 | 45.00 | 100.00 | | | N | |
| 42.0 | 45.0 | 72.00 | 100.00 | | | N | |
| 45.0 | 48.0 | 70.00 | 100.00 | | | N | |
| 48.0 | 51.0 | 87.00 | 100.00 | | | N | |
| 51.0 | 54.0 | 75.00 | 100.00 | | | N | |
| 54.0 | 57.0 | 70.00 | 100.00 | | | N | |
| 57.0 | 60.0 | 53.00 | 100.00 | | | N | |
| 60.0 | 63.0 | 87.00 | 100.00 | | | N | |
| 63.0 | 66.0 | 83.00 | 100.00 | | | N | |
| 66.0 | 69.0 | 90.00 | 100.00 | | | N | |
| 69.0 | 72.0 | 88.00 | 100.00 | | | N | |
| 72.0 | 75.0 | 92.00 | 100.00 | | | N | |
| 75.0 | 78.0 | 90.00 | 100.00 | | | N | |
| 78.0 | 81.0 | 93.00 | 100.00 | | | N | |
| 81.0 | 84.0 | 80.00 | 100.00 | | | N | |
| 84.0 | 87.0 | 80.00 | 100.00 | | | N | |
| 87.0 | 90.0 | 100.00 | 100.00 | | | N | |
| 90.0 | 93.0 | 88.00 | 100.00 | | | N | |

**Hole number:** KLUC18-501

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 93.0 | 96.0 | 80.00 | 100.00 | | | N | |
| 96.0 | 99.0 | 85.00 | 100.00 | | | N | |
| 99.0 | 102.0 | 97.00 | 100.00 | | | N | |
| 102.0 | 105.0 | 90.00 | 100.00 | | | N | |
| 105.0 | 108.0 | 90.00 | 100.00 | | | N | |
| 108.0 | 111.0 | 87.00 | 100.00 | | | N | |
| 111.0 | 114.0 | 100.00 | 100.00 | | | N | |
| 114.0 | 117.0 | 60.00 | 100.00 | | | N | |
| 117.0 | 120.0 | 90.00 | 100.00 | | | N | |
| 120.0 | 123.0 | 100.00 | 100.00 | | | N | |
| 123.0 | 126.0 | 100.00 | 100.00 | | | N | |
| 126.0 | 129.0 | 93.00 | 100.00 | | | N | |
| 129.0 | 132.0 | 40.00 | 100.00 | | | N | |
| 132.0 | 135.0 | 78.00 | 100.00 | | | N | |
| 135.0 | 138.0 | 90.00 | 100.00 | | | N | |
| 138.0 | 141.0 | 87.00 | 100.00 | | | N | |
| 141.0 | 144.0 | 85.00 | 100.00 | | | N | |
| 144.0 | 147.0 | 60.00 | 100.00 | | | N | |
| 147.0 | 150.0 | 70.00 | 100.00 | | | N | |
| 150.0 | 153.0 | 62.00 | 100.00 | | | N | |
| 153.0 | 156.0 | 75.00 | 100.00 | | | N | |
| 156.0 | 159.0 | 77.00 | 100.00 | | | N | |
| 159.0 | 162.0 | 68.00 | 100.00 | | | N | |
| 162.0 | 165.0 | 67.00 | 100.00 | | | N | |
| 165.0 | 168.0 | 53.00 | 100.00 | | | N | |
| 168.0 | 171.0 | 60.00 | 100.00 | | | N | |
| 171.0 | 174.0 | 80.00 | 100.00 | | | N | |
| 174.0 | 177.0 | 77.00 | 100.00 | | | N | |

**Hole number:** KLUC18-501

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 177.0 | 180.0 | 97.00 | 100.00 | | | N | |
| 180.0 | 183.0 | 93.00 | 100.00 | | | N | |
| 183.0 | 186.0 | 90.00 | 100.00 | | | N | |
| 186.0 | 189.0 | 83.00 | 100.00 | | | N | |
| 189.0 | 192.0 | 87.00 | 100.00 | | | N | |
| 192.0 | 195.0 | 78.00 | 100.00 | | | N | |
| 195.0 | 198.0 | 87.00 | 100.00 | | | N | |
| 198.0 | 201.0 | 92.00 | 100.00 | | | N | |
| 201.0 | 204.0 | 97.00 | 100.00 | | | N | |
| 204.0 | 207.0 | 97.00 | 100.00 | | | N | |
| 207.0 | 210.0 | 85.00 | 100.00 | | | N | |
| 210.0 | 213.0 | 87.00 | 100.00 | | | N | |
| 213.0 | 216.0 | 52.00 | 100.00 | | | N | |
| 216.0 | 219.0 | 65.00 | 100.00 | | | N | |
| 219.0 | 222.0 | 87.00 | 100.00 | | | N | |
| 222.0 | 225.0 | 90.00 | 100.00 | | | N | |
| 225.0 | 228.0 | 87.00 | 100.00 | | | N | |
| 228.0 | 231.0 | 100.00 | 100.00 | | | N | |
| 231.0 | 234.0 | 97.00 | 100.00 | | | N | |
| 234.0 | 237.0 | 92.00 | 100.00 | | | N | |
| 237.0 | 240.0 | 90.00 | 100.00 | | | N | |
| 240.0 | 243.0 | 87.00 | 100.00 | | | N | |
| 243.0 | 246.0 | 77.00 | 100.00 | | | N | |
| 246.0 | 249.0 | 98.00 | 100.00 | | | N | |
| 249.0 | 252.0 | 90.00 | 100.00 | | | N | |
| 252.0 | 255.0 | 93.00 | 100.00 | | | N | |
| 255.0 | 258.0 | 88.00 | 100.00 | | | N | |
| 258.0 | 261.0 | 93.00 | 100.00 | | | N | |

**Hole number:** KLUC18-501

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 261.0 | 264.0 | 93.00 | 100.00 | | | N | |
| 264.0 | 267.0 | 98.00 | 100.00 | | | N | |
| 267.0 | 270.0 | 97.00 | 100.00 | | | N | |
| 270.0 | 273.0 | 87.00 | 100.00 | | | N | |
| 273.0 | 276.0 | 90.00 | 100.00 | | | N | |
| 276.0 | 279.0 | 97.00 | 100.00 | | | N | |
| 279.0 | 282.0 | 90.00 | 100.00 | | | N | |
| 282.0 | 285.0 | 80.00 | 100.00 | | | N | |
| 285.0 | 288.0 | 87.00 | 100.00 | | | N | |
| 288.0 | 291.0 | 87.00 | 100.00 | | | N | |
| 291.0 | 294.0 | 90.00 | 100.00 | | | N | |
| 294.0 | 297.0 | 95.00 | 100.00 | | | N | |
| 297.0 | 300.0 | 95.00 | 100.00 | | | N | |
| 300.0 | 303.0 | 88.00 | 100.00 | | | N | |
| 303.0 | 306.0 | 90.00 | 100.00 | | | N | |
| 306.0 | 309.0 | 92.00 | 100.00 | | | N | |
| 309.0 | 312.0 | 57.00 | 100.00 | | | N | |
| 312.0 | 315.0 | 92.00 | 100.00 | | | N | |
| 315.0 | 318.0 | 90.00 | 100.00 | | | N | |
| 318.0 | 321.0 | 72.00 | 100.00 | | | N | |
| 321.0 | 324.0 | 65.00 | 100.00 | | | N | |
| 324.0 | 327.0 | 72.00 | 100.00 | | | N | |
| 327.0 | 330.0 | 72.00 | 100.00 | | | N | |
| 330.0 | 333.0 | 52.00 | 100.00 | | | N | |
| 333.0 | 336.0 | 77.00 | 100.00 | | | N | |
| 336.0 | 339.0 | 57.00 | 100.00 | | | N | |
| 339.0 | 342.0 | 77.00 | 100.00 | | | N | |
| 342.0 | 345.0 | 50.00 | 100.00 | | | N | |

**Hole number:** KLUC18-501

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 345.0 | 348.0 | 58.00 | 100.00 | | | N | |
| 348.0 | 351.0 | 88.00 | 100.00 | | | N | |
| 351.0 | 354.0 | 67.00 | 100.00 | | | N | |
| 354.0 | 357.0 | 77.00 | 100.00 | | | N | |
| 357.0 | 360.0 | 97.00 | 100.00 | | | N | |
| 360.0 | 363.0 | 87.00 | 100.00 | | | N | |
| 363.0 | 366.0 | 93.00 | 100.00 | | | N | |
| 366.0 | 369.0 | 90.00 | 100.00 | | | N | |
| 369.0 | 372.0 | 77.00 | 100.00 | | | N | |
| 372.0 | 375.0 | 92.00 | 100.00 | | | N | |
| 375.0 | 378.0 | 100.00 | 100.00 | | | N | |
| 378.0 | 381.0 | 100.00 | 100.00 | | | N | |
| 381.0 | 384.0 | 97.00 | 100.00 | | | N | |
| 384.0 | 387.0 | 97.00 | 100.00 | | | N | |
| 387.0 | 390.0 | 90.00 | 100.00 | | | N | |
| 390.0 | 393.0 | 93.00 | 100.00 | | | N | |
| 393.0 | 396.0 | 87.00 | 100.00 | | | N | |
| 396.0 | 399.0 | 67.00 | 100.00 | | | N | |
| 399.0 | 402.0 | 62.00 | 100.00 | | | N | |
| 402.0 | 405.0 | 55.00 | 100.00 | | | N | |
| 405.0 | 408.0 | 83.00 | 100.00 | | | N | |
| 408.0 | 411.0 | 98.00 | 100.00 | | | N | |
| 411.0 | 414.0 | 100.00 | 100.00 | | | N | |
| 414.0 | 417.0 | 98.00 | 100.00 | | | N | |
| 417.0 | 420.0 | 42.00 | 100.00 | | | N | |
| 420.0 | 423.0 | 73.00 | 100.00 | | | N | |
| 423.0 | 426.0 | 90.00 | 100.00 | | | N | |
| 426.0 | 429.0 | 98.00 | 100.00 | | | N | |

**Hole number:** KLUC18-501

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 429.0 | 432.0 | 95.00 | 100.00 | | | N | |
| 432.0 | 435.0 | 90.00 | 100.00 | | | N | |
| 435.0 | 438.0 | 87.00 | 100.00 | | | N | |
| 438.0 | 441.0 | 73.00 | 100.00 | | | N | |
| 441.0 | 444.0 | 50.00 | 100.00 | | | N | |
| 444.0 | 447.0 | 100.00 | 100.00 | | | N | |
| 447.0 | 450.0 | 100.00 | 100.00 | | | N | |
| 450.0 | 453.0 | 100.00 | 100.00 | | | N | |
| 453.0 | 456.0 | 100.00 | 100.00 | | | N | |
| 456.0 | 459.0 | 100.00 | 100.00 | | | N | |
| 459.0 | 462.0 | 100.00 | 100.00 | | | N | |
| 462.0 | 465.0 | 97.00 | 100.00 | | | N | |
| 465.0 | 468.0 | 97.00 | 93.00 | | | N | |
| 468.0 | 471.0 | 100.00 | 100.00 | | | N | |
| 471.0 | 474.0 | 83.00 | 87.00 | | | N | |
| 474.0 | 477.0 | 80.00 | 100.00 | | | N | |
| 477.0 | 480.0 | 100.00 | 100.00 | | | N | |
| 480.0 | 483.0 | 100.00 | 100.00 | | | N | |
| 483.0 | 486.0 | 90.00 | 95.00 | | | N | |
| 486.0 | 489.0 | 100.00 | 100.00 | | | N | |
| 489.0 | 492.0 | 100.00 | 100.00 | | | N | |
| 492.0 | 495.0 | 100.00 | 100.00 | | | N | |
| 495.0 | 498.0 | 97.00 | 100.00 | | | N | |
| 498.0 | 501.0 | 98.00 | 100.00 | | | N | |
| 501.0 | 504.0 | 92.00 | 100.00 | | | N | |
| 504.0 | 507.0 | 100.00 | 100.00 | | | N | |
| 507.0 | 510.0 | 100.00 | 100.00 | | | N | |
| 510.0 | 513.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC18-501

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 513.0 | 516.0 | 100.00 | 100.00 | | | N | |
| 516.0 | 519.0 | 100.00 | 100.00 | | | N | |
| 519.0 | 522.0 | 97.00 | 100.00 | | | N | |
| 522.0 | 525.0 | 100.00 | 100.00 | | | N | |
| 525.0 | 528.0 | 97.00 | 100.00 | | | N | |
| 528.0 | 531.0 | 100.00 | 100.00 | | | N | |
| 531.0 | 534.0 | 100.00 | 100.00 | | | N | |
| 534.0 | 537.0 | 92.00 | 100.00 | | | N | |
| 537.0 | 540.0 | 100.00 | 100.00 | | | N | |
| 540.0 | 543.0 | 100.00 | 100.00 | | | N | |
| 543.0 | 546.0 | 100.00 | 100.00 | | | N | |
| 546.0 | 549.0 | 98.00 | 100.00 | | | N | |
| 549.0 | 552.0 | 90.00 | 100.00 | | | N | |
| 552.0 | 555.0 | 52.00 | 100.00 | | | N | |
| 555.0 | 558.0 | 100.00 | 100.00 | | | N | |
| 558.0 | 561.0 | 100.00 | 100.00 | | | N | |
| 561.0 | 564.0 | 100.00 | 100.00 | | | N | |
| 564.0 | 567.0 | 100.00 | 100.00 | | | N | |
| 567.0 | 570.0 | 100.00 | 100.00 | | | N | |
| 570.0 | 573.0 | 100.00 | 100.00 | | | N | |
| 573.0 | 576.0 | 100.00 | 100.00 | | | N | |
| 576.0 | 579.0 | 100.00 | 100.00 | | | N | |
| 579.0 | 582.0 | 100.00 | 100.00 | | | N | |
| 582.0 | 585.0 | 100.00 | 100.00 | | | N | |
| 585.0 | 588.0 | 100.00 | 100.00 | | | N | |
| 588.0 | 591.0 | 97.00 | 100.00 | | | N | |
| 591.0 | 594.0 | 100.00 | 100.00 | | | N | |
| 594.0 | 597.0 | 100.00 | 100.00 | | | N | |

**Hole number: KLUC18-501**

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 597.0 | 600.0 | 100.00 | 100.00 | | | N | |
| 600.0 | 603.0 | 97.00 | 100.00 | | | N | |
| 603.0 | 606.0 | 100.00 | 100.00 | | | N | |
| 606.0 | 609.0 | 100.00 | 100.00 | | | N | |
| 609.0 | 612.0 | 97.00 | 100.00 | | | N | |
| 612.0 | 615.0 | 97.00 | 100.00 | | | N | |
| 615.0 | 618.0 | 98.00 | 100.00 | | | N | |
| 618.0 | 621.0 | 100.00 | 100.00 | | | N | |
| 621.0 | 624.0 | 98.00 | 100.00 | | | N | |
| 624.0 | 627.0 | 100.00 | 100.00 | | | N | |
| 627.0 | 630.0 | 100.00 | 100.00 | | | N | |
| 630.0 | 633.0 | 97.00 | 100.00 | | | N | |
| 633.0 | 636.0 | 100.00 | 100.00 | | | N | |
| 636.0 | 639.0 | 90.00 | 100.00 | | | N | |
| 639.0 | 642.0 | 100.00 | 100.00 | | | N | |
| 642.0 | 645.0 | 100.00 | 100.00 | | | N | |
| 645.0 | 648.0 | 100.00 | 100.00 | | | N | |
| 648.0 | 651.0 | 100.00 | 100.00 | | | N | |
| 651.0 | 654.0 | 100.00 | 100.00 | | | N | |
| 654.0 | 657.0 | 98.00 | 100.00 | | | N | |
| 657.0 | 660.0 | 95.00 | 100.00 | | | N | |
| 660.0 | 663.0 | 98.00 | 100.00 | | | N | |
| 663.0 | 666.0 | 93.00 | 100.00 | | | N | |
| 666.0 | 669.0 | 100.00 | 100.00 | | | N | |
| 669.0 | 672.0 | 93.00 | 100.00 | | | N | |
| 672.0 | 675.0 | 98.00 | 100.00 | | | N | |

**Hole number:** KLUC18-501

AGNICO EAGLE

# DRILL HOLE REPORT

## EXPLORATION CANADA ONTARIO

**Hole number:** KLUC18-502 **Project Number:** U_Canada **Project name:** Upper Canada

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Historic hole number:** | | **Collar survey:** | | **From:** | 0.0 | **Coordinates:** | P |
| **System:** | METRIC | **Verified:** | | **To:** | 513.0 | **Grid:** | UTM83-17_CSRS-2010: |
| **Target:** | U_CANADA | **Gas:** | | **Depth:** | 513.0 | **North:** | 5,332,343.77 |
| **No. Claim:** | PAT-18796 | **Multishot survey:** | | **Location:** | Surface | **East:** | 586,662.19 |
| **Year:** | 2 018 | **Is making water:** | | **Core storage:** | Mine Site | **Elevation:** | 330.01 |
| **Date started:** | 8/12/2018 | **Object in hole:** | | **Contractor:** | Asinii Drilling | **Collar dip:** | -61.90 |
| **Date logged:** | 2018-08-13 | **Pulse EM survey:** | | **Logged by:** | Monica Oosterman | **Collar azimuth:** | 162.25 |
| **Date completed:** | 8/21/2018 | **Plugged:** | | **Signature:** | | | |
| **Core size:** | NQ | **Cemented:** | | | | | |
| **Hole type:** | DDH | **Branch:** | N | | | | |
| **Casing:** | Capped | **Reserve:** | | | | | |
| **Logging status:** | | | | | | | |
| **Rig number:** | | | | | | | |

**Additional sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Planned Hole UCP18-020 A23 - south stratigraphy with IP conductor
Whole rock sample at CAOND111261 - 320-321m
Started spot sampling at 293m took sample every 4 boxes
At 293 intersected undeformed mafic trachytic tuff with strong epidote alteration

**Assay average**

| Average type | From | To | Length | Width | Zone | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Pb_ppm | Ni_ppm | As_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WEIGHTED | 109.0 | 110.5 | 1.5 | | | 5.310 | | | | | | |

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 161.90 | -61.90 | NS | | Drill aligner tool |
| 15.0 | 161.74 | -62.25 | DS | O | 55244 |
| 75.0 | 163.95 | -61.83 | DS | O | 54767 |
| 135.0 | 162.95 | -61.53 | DS | O | 54639 |
| 195.0 | 164.92 | -61.30 | DS | O | 54223 |
| 255.0 | 162.93 | -61.02 | DS | O | 54557 |
| 315.0 | 166.32 | -60.25 | DS | O | 55202 |
| 375.0 | 165.72 | -58.75 | DS | O | 54496 |
| 435.0 | 168.04 | -57.38 | DS | O | 55562 |

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 162.25 | -61.90 | S | O | |
| 45.0 | 161.45 | -62.22 | DS | | 54489, mag low do not use |
| 105.0 | 167.12 | -62.00 | DS | O | 54392 bad azimuth. |
| 165.0 | 163.61 | -61.42 | DS | O | 54517 |
| 225.0 | 163.93 | -60.96 | DS | O | 54722 |
| 285.0 | 164.53 | -60.52 | DS | O | 54496 |
| 345.0 | 164.70 | -59.52 | DS | O | 54902 |
| 405.0 | 166.57 | -57.94 | DS | O | 55240 |
| 465.0 | 168.70 | -56.32 | DS | O | 55312 |

## Hole number: KLUC18-502

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 495.0 | 169.18 | -55.49 | DS | O | 55683 |

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|

| Certificate |
|---|
| A19-811 |
| TM18214093 |
| TM18220794 |
| TM18226457 |
| TM18226477 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE550518-002 | Excaon1 | CAOND110299 - CAOND110500<br>CAOND111031 - CAOND111153<br>CAOND111165<br>CAOND111501 - CAOND111828 |
| CXE5505D18-004 | Excaon1 | CAOND111224 - CAOND111371<br>CAOND111952 - CAOND112406 |
| CXE5505D18-005 | Excaon2-WRA | CAOND111261<br>CAOND111267 - CAOND111269<br>CAOND111273 - CAOND111274<br>CAOND111276 |
| CXE5505R19-025 | Excaon1 | CAOND109014<br>CAOND109018<br>CAOND109034<br>CAOND109038<br>CAOND109053<br>CAOND109056<br>CAOND109067<br>CAOND109072<br>CAOND109211<br>CAOND109287<br>CAOND109291<br>CAOND109294<br>CAOND109296<br>CAOND109318<br>CAOND109357<br>CAOND109369<br>CAOND109435<br>CAOND109438<br>CAOND109495<br>CAOND109503<br>CAOND109528<br>CAOND109535<br>CAOND109557<br>CAOND109564<br>CAOND109674<br>CAOND109677 |

| Sample number | Standard |
|---|---|
| CAOND111045 | CDN-CM-28-AEM |
| CAOND111060 | CDN-CM-24-AEM |
| CAOND111070 | BLANK-DB |
| CAOND111075 | CDN-GS-5U-AEM |
| CAOND111090 | CDN-CM-28-AEM |
| CAOND111115 | CDN-CM-28-AEM |
| CAOND111120 | BLANK-DB |
| CAOND111130 | CDN-GS-5U-AEM |
| CAOND111145 | CDN-CM-28-AEM |
| CAOND111160 | CDN-CM-24-AEM |
| CAOND111170 | BLANK-DB |
| CAOND111175 | CDN-GS-5U-AEM |
| CAOND111190 | CDN-CM-28-AEM |
| CAOND111215 | CDN-CM-24-AEM |
| CAOND111220 | BLANK-DB |
| CAOND111230 | CDN-GS-5U-AEM |
| CAOND111245 | CDN-CM-28-AEM |
| CAOND111260 | CDN-CM-24-AEM |
| CAOND111270 | BLANK-DB |
| CAOND111275 | CDN-GS-5U-AEM |

**Hole number:** KLUC18-502

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND109689 |
| | | CAOND109691 |
| | | CAOND109704 |
| | | CAOND109710 |
| | | CAOND109729 |
| | | CAOND109751 |
| | | CAOND109757 |
| | | CAOND109764 |
| | | CAOND109781 |
| | | CAOND109787 |
| | | CAOND109796 - CAOND109797 |
| | | CAOND109818 |
| | | CAOND109836 |
| | | CAOND109839 |
| | | CAOND109874 - CAOND109875 |
| | | CAOND109890 |
| | | CAOND109940 |
| | | CAOND109974 |
| | | CAOND109984 |
| | | CAOND110011 |
| | | CAOND110056 - CAOND110057 |
| | | CAOND110062 |
| | | CAOND110073 |
| | | CAOND110113 |
| | | CAOND110161 |
| | | CAOND110163 |
| | | CAOND110174 |
| | | CAOND110198 |
| | | CAOND110213 |
| | | CAOND110236 |
| | | CAOND110240 |
| | | CAOND110249 |
| | | CAOND110261 |
| | | CAOND110270 |
| | | CAOND110322 |
| | | CAOND110328 |
| | | CAOND110340 |
| | | CAOND110355 |
| | | CAOND110362 |
| | | CAOND110379 |
| | | CAOND110382 - CAOND110383 |
| | | CAOND110398 |
| | | CAOND110434 |

**Hole number:** KLUC18-502

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND110438 |
| | | CAOND110441 |
| | | CAOND110443 |
| | | CAOND110468 |
| | | CAOND110496 |
| | | CAOND110502 |
| | | CAOND110514 |
| | | CAOND110523 |
| | | CAOND110539 |
| | | CAOND110544 |
| | | CAOND110552 |
| | | CAOND110572 |
| | | CAOND110593 - CAOND110595 |
| | | CAOND110603 |
| | | CAOND110633 |
| | | CAOND110664 - CAOND110665 |
| | | CAOND110683 |
| | | CAOND110694 |
| | | CAOND110710 |
| | | CAOND110712 - CAOND110713 |
| | | CAOND110808 |
| | | CAOND110813 |
| | | CAOND110837 |
| | | CAOND110871 |
| | | CAOND110885 |
| | | CAOND110948 |
| | | CAOND110951 |
| | | CAOND110956 |
| | | CAOND110978 |
| | | CAOND111098 |
| | | CAOND111129 |
| | | CAOND111178 |
| | | CAOND111262 |
| | | CAOND111277 |
| | | CAOND111286 |
| | | CAOND111385 |
| | | CAOND111446 |
| | | CAOND111448 |
| | | CAOND111455 |
| | | CAOND111481 |
| | | CAOND111513 |
| | | CAOND111529 |
| | | CAOND111558 |

**Hole number:** KLUC18-502

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND111606 |
| | | CAOND111629 |
| | | CAOND111634 |
| | | CAOND111673 |
| | | CAOND111686 |
| | | CAOND111690 |
| | | CAOND111709 |
| | | CAOND111734 |
| | | CAOND111747 |
| | | CAOND111752 |
| | | CAOND111763 |
| | | CAOND111774 |
| | | CAOND111794 |
| | | CAOND111806 |
| | | CAOND111838 |
| | | CAOND111842 |
| | | CAOND111876 |
| | | CAOND111878 |
| | | CAOND111881 |
| | | CAOND111889 |
| | | CAOND111913 |
| | | CAOND111954 |
| | | CAOND111988 |
| | | CAOND112048 |
| | | CAOND112084 |
| | | CAOND112097 |
| | | CAOND112123 |
| | | CAOND112128 |
| | | CAOND112154 |
| | | CAOND112187 |
| | | CAOND112214 |
| | | CAOND112218 |
| | | CAOND112223 - CAOND112224 |
| | | CAOND112263 |
| | | CAOND112286 |
| | | CAOND112309 |
| | | CAOND112410 |
| | | CAOND112434 |
| | | CAOND112474 |
| | | CAOND112485 |
| | | CAOND112505 |
| | | CAOND112513 |
| | | CAOND112537 |

**Hole number:** KLUC18-502

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND112559 |
| | | CAOND112584 |
| | | CAOND112606 |
| | | CAOND112632 |
| | | CAOND112676 |
| | | CAOND112704 |
| | | CAOND112757 |
| | | CAOND112789 |
| | | CAOND112794 |
| | | CAOND112798 |
| | | CAOND112811 - CAOND112812 |
| | | CAOND112832 |
| | | CAOND112837 |
| | | CAOND112846 |
| | | CAOND112855 |
| | | CAOND112865 |
| | | CAOND112917 |
| | | CAOND112937 |
| | | CAOND112957 |
| | | CAOND112971 |
| | | CAOND113672 |
| | | CAOND113777 |
| | | CAOND113779 |
| | | CAOND113781 |
| | | CAOND113789 |
| | | CAOND114014 |
| | | CAOND114020 |
| | | CAOND114187 |
| | | CAOND114221 |
| | | CAOND114264 |
| | | CAOND114276 |
| | | CAOND115912 |
| | | CAOND115926 |
| | | CAOND115942 |
| | | CAOND115959 |
| | | CAOND115962 |
| | | CAOND115999 |
| | | CAOND116503 |
| | | CAOND116522 |
| | | CAOND116533 |
| | | CAOND116542 |
| | | CAOND116618 |
| | | CAOND116620 |

## Hole number: KLUC18-502

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND116633<br>CAOND116642<br>CAOND116658<br>CAOND116660<br>CAOND116673 |

*The sample list may content samples from other holes

**Major: From:** 0.00 **To:** 4.50 OVB, Overburden

**Major: From:** 4.50 **To:** 23.00 V8mt, Trachyte mafic tuff

Black and white and some minor weak hematite staining, strongly foliated at 20, stronlgy magnetic, up to 1% sulphides, strong calcite, Weak sercite alteration, possible chorite. Some have strong sercite alteration which bleaches unit and also has increase sulphide up to 3%

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

9.50, 10.35, PYR, DIS, 5.00, -, VFG, Fine dusting of sulphides, associated with sercite alteration
18.90, 22.00, PYR, DIS, 3.00, -, FGR, Fine dusting of sulphides, associated with sercite alteration

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

9.50, 10.50, SER+, PEN, MOD, GRN2_BASIC, FGR, -, associated with pyrite
16.85, 22.00, SER+, PEN, MOD, GRN2_BASIC, FGR, -, associated wtih pyrite

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

4.50, 23.00, FOL, WEAK, 35.00, -, -, -, regular foliation at 35 can still make out fragments. Less strain then seen in mso holes

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

4.50, 23.00, MAG, DIS, 5.00, RED_00001, FGR, Fine grained disseminated mag
4.50, 23.00, CAL, SEL, -, GRY_00025, FGR, with in lappili fragments

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| KLUC18-502-001LC | 4.5 | 5.0 | 0.5 | | | | | |
| CAOND111031 | 5.0 | 6.5 | 1.5 | 0.133 | | | | |
| CAOND111032 | 6.5 | 8.0 | 1.5 | 0.086 | | | | |
| CAOND111033 | 8.0 | 9.5 | 1.5 | 0.029 | | | | |
| CAOND111034 | 9.5 | 10.5 | 1.0 | 0.339 | | | | |
| CAOND111035 | 10.5 | 11.5 | 1.0 | 0.198 | | | | |
| CAOND111036 | 11.5 | 13.0 | 1.5 | 0.401 | | | | |
| CAOND111037 | 13.0 | 14.5 | 1.5 | 0.056 | | | | |
| CAOND111038 | 14.5 | 16.0 | 1.5 | 0.110 | | | | |
| CAOND111039 | 16.0 | 17.5 | 1.5 | 0.074 | | | | |
| CAOND111040 | 17.5 | 19.0 | 1.5 | 0.038 | | | | |
| CAOND111041 | 19.0 | 20.0 | 1.0 | 0.073 | | | | |
| CAOND111042 | 20.0 | 21.5 | 1.5 | 0.107 | | | | |
| CAOND111043 | 21.5 | 23.0 | 1.5 | 0.052 | | | | |

**Major: From:** 23.00 **To:** 30.00 V8mtl, Trachyte mafic tuff lapilli

Fine grained black matrix which is strongly magnetic, light pink wisps and stretched fragments of calcite with hematite. Unit is strongly foliated at 35. Very fine grained dusting of pyrite with mafic minerals 1%. unit is very homogenous. Gradational contacts

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

24.60, 25.90, HEM+, PEN, STRONG, PNK2_BASIC, FGR, -, discolours unit to pink but can still make out texture

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111044 | 23.0 | 24.5 | 1.5 | 0.015 | | | | |
| CAOND111046 | 24.5 | 26.0 | 1.5 | 0.003 | | | | |
| CAOND111047 | 26.0 | 27.5 | 1.5 | 0.021 | | | | |
| CAOND111048 | 27.5 | 29.0 | 1.5 | 0.020 | | | | |
| CAOND111049 | 29.0 | 30.5 | 1.5 | 0.003 | | | | |

**Hole number:** KLUC18-502

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
23.00, 30.00, FOL, WEAK, 35.00, -, -, -, regular foliation at 35 can still make out fragments. Less strain then seen in mso holes

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
23.00, 30.00, MAG, DIS, 5.00, RED_00001, FGR, Fine grained disseminated mag
23.00, 30.00, CAL, SEL, -, GRY_00025, FGR, with in lappili fragments

**Major:** **From:** 30.00 **To:** 36.50 V8, Trachyte

Very fine grained, black, minor wisps of hematite and calcite, uniform homogneous unit. Stronlgy magnetic, trace fine grained sulphides. Gradational contacts.

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
30.00, 36.50, FOL, WEAK, 35.00, -, -, -, regular foliation at 35 can still make out fragments. Less strain then seen in mso holes

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
30.00, 36.50, MAG, DIS, 5.00, RED_00001, FGR, Fine grained disseminated mag
30.00, 36.50, CAL, SEL, -, GRY_00025, FGR, with in lappili fragments

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111051 | 30.5 | 32.0 | 1.5 | 0.003 | | | | |
| CAOND111052 | 32.0 | 33.5 | 1.5 | 0.003 | | | | |
| CAOND111053 | 33.5 | 35.0 | 1.5 | 0.003 | | | | |
| CAOND111054 | 35.0 | 36.5 | 1.5 | 0.009 | | | | |

**Major:** **From:** 36.50 **To:** 92.00 V8mtl, Trachyte mafic tuff lapilli

Fine grained black matrix which is strongly magnetic, light pink angular fragment calcite with hematite. Unit is strongly foliated at 33. Fragments are stretched along foliatin but still angular. Starting to form tails. Fragment support. Very fine grained dusting of pyrite with mafic minerals trace amounts. Gradational contacts. Undeformed 73- 93m the unit is non magnetic, approching a shear and quartz veining down hole. Calcite still seen in fragments, no hematite

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
50.75, 51.60, HEM+, PEN, STRONG, PNK2_BASIC, FGR, -, discolours unit to pink but can still make out texture

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
36.50, 92.00, FOL, WEAK, 35.00, -, -, -, regular foliation at 35 can still make out fragments. Less strain then seen in mso holes

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
36.50, 73.00, MAG, DIS, 5.00, RED_00001, FGR, Fine grained disseminated mag

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111055 | 36.5 | 38.0 | 1.5 | 0.071 | | | | |
| CAOND111056 | 38.0 | 39.5 | 1.5 | 0.027 | | | | |
| CAOND111057 | 39.5 | 41.0 | 1.5 | 0.014 | | | | |
| CAOND111058 | 41.0 | 42.5 | 1.5 | 0.021 | | | | |
| CAOND111059 | 42.5 | 44.0 | 1.5 | 0.005 | | | | |
| CAOND111061 | 44.0 | 45.5 | 1.5 | 0.014 | | | | |
| CAOND111062 | 45.5 | 47.0 | 1.5 | 0.006 | | | | |
| CAOND111063 | 47.0 | 48.5 | 1.5 | 0.006 | | | | |
| CAOND111064 | 48.5 | 50.0 | 1.5 | 0.011 | | | | |
| CAOND111065 | 50.0 | 51.5 | 1.5 | 0.003 | | | | |
| CAOND111066 | 51.5 | 53.0 | 1.5 | 0.008 | | | | |
| CAOND111067 | 53.0 | 54.5 | 1.5 | 0.012 | | | | |
| CAOND111068 | 54.5 | 56.0 | 1.5 | 0.011 | | | | |
| CAOND111069 | 56.0 | 57.5 | 1.5 | 0.011 | | | | |

**Hole number:** KLUC18-502

36.50, 92.00, CAL, SEL, -, GRY_00025, FGR, with in lappili fragments

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111071 | 57.5 | 59.0 | 1.5 | 0.022 | | | | |
| CAOND111072 | 59.0 | 60.5 | 1.5 | 0.015 | | | | |
| CAOND111073 | 60.5 | 62.0 | 1.5 | 0.019 | | | | |
| CAOND111074 | 62.0 | 63.5 | 1.5 | 0.035 | | | | |
| CAOND111076 | 63.5 | 65.0 | 1.5 | 0.007 | | | | |
| CAOND111077 | 65.0 | 66.5 | 1.5 | 0.005 | | | | |
| CAOND111078 | 66.5 | 68.0 | 1.5 | 0.003 | | | | |
| CAOND111079 | 68.0 | 69.5 | 1.5 | 0.003 | | | | |
| CAOND111081 | 69.5 | 71.0 | 1.5 | 0.003 | | | | |
| CAOND111082 | 71.0 | 72.5 | 1.5 | 0.003 | | | | |
| CAOND111083 | 72.5 | 74.0 | 1.5 | 0.003 | | | | |
| CAOND111084 | 74.0 | 75.5 | 1.5 | 0.003 | | | | |
| CAOND111085 | 75.5 | 77.0 | 1.5 | 0.003 | | | | |
| CAOND111086 | 77.0 | 78.5 | 1.5 | 0.003 | | | | |
| CAOND111087 | 78.5 | 80.0 | 1.5 | 0.005 | | | | |
| CAOND111088 | 80.0 | 81.5 | 1.5 | 0.003 | | | | |
| CAOND111089 | 81.5 | 83.0 | 1.5 | 0.007 | | | | |
| CAOND111091 | 83.0 | 84.5 | 1.5 | 0.011 | | | | |
| CAOND111092 | 84.5 | 86.0 | 1.5 | 0.012 | | | | |
| CAOND111093 | 86.0 | 87.5 | 1.5 | 0.034 | | | | |
| CAOND111094 | 87.5 | 89.0 | 1.5 | 0.024 | | | | |
| CAOND111095 | 89.0 | 90.5 | 1.5 | 0.033 | | | | |
| CAOND111096 | 90.5 | 92.0 | 1.5 | 0.023 | | | | |

**Major:** **From:** 92.00 **To:** 104.50 V8, Trachyte

Sheared V8, fine grained, dark gray, thinly laminated at 30 degrees to massive, non magnetic moderate calcite, grainsize reduction, moderate sercite alt and maybe chlorite. Isolated quartz veins with minimal alteration around them. Contacts are gradational, minimal pyrite.

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

92.00, 104.50, SHR, STRONG, 30.00, -, -, -, Fine grained, quartz veining, no magentite, no sulphide, areas are crenulated.

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111097 | 92.0 | 93.5 | 1.5 | 0.037 | | | | |
| CAOND111098 | 93.5 | 95.0 | 1.5 | 0.048 | | | | |
| CAOND111099 | 95.0 | 96.5 | 1.5 | 0.037 | | | | |
| CAOND111101 | 96.5 | 97.5 | 1.0 | 0.058 | | | | |
| CAOND111102 | 97.5 | 98.5 | 1.0 | 0.086 | | | | |
| CAOND111103 | 98.5 | 99.5 | 1.0 | 0.085 | | | | |
| CAOND111104 | 99.5 | 100.5 | 1.0 | 0.098 | | | | |
| CAOND111105 | 100.5 | 101.5 | 1.0 | 0.076 | | | | |
| CAOND111106 | 101.5 | 103.0 | 1.5 | 0.080 | | | | |

**Hole number:** KLUC18-502

99.50, 100.00, QTZ, 30.00, -, -, -, -, PNK2_BASIC, -, -, -, -, No pyrite, quartz felspar vein. vein disrupts fabric of rock.
101.20, 101.50, QTZ, 70.00, -, -, -, -, -, -, -, -, -, pod of quartz and feldsar, crosscuts fabric of rock
101.50, 104.50, QTZ, 5.00, -, -, -, -, PNK2_BASIC, 3.00, MAS, -, -, Stringers which in general form along foliation

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
92.00, 104.50, CAL, SEL, -, GRY_00025, FGR, with in lappili fragments

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111107 | 103.0 | 104.5 | 1.5 | 0.101 | | | | |

**Major:** **From:** 104.50 **To:** 129.00 V8t, Trachytic tuff

Black and white, stronlgy foliated at 30 degrees, laminated, non magnetic, minor sulphides, moderate calcite, Weak sercite alteration, possible chorite. Fabric is crenulated, minor quatz veins. Areas of unit which could be classified as V8LT but majority tuff size

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
104.50, 109.00, SHR, STRONG, 30.00, -, -, -, Fine grained, quartz veining, no magentite, no sulphide, areas are crenulated.
109.00, 129.00, FOL, MOD, 40.00, -, -, -, Minor patches of crenulation and folding
116.00, 126.00, CRN, WEAK, 50.00, -, -, -, -
125.00, 125.50, FLD, MOD, 10.00, -, -, -, Open fold which flattens out foliation

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
104.50, 113.50, QTZ, 5.00, -, -, -, -, PNK2_BASIC, 3.00, MAS, -, -, Stringers which in general form along foliation

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
104.50, 129.00, CAL, SEL, -, GRY_00025, FGR, with in lappili fragments

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111108 | 104.5 | 106.0 | 1.5 | 0.092 | | | | |
| CAOND111109 | 106.0 | 107.5 | 1.5 | 0.117 | | | | |
| CAOND111110 | 107.5 | 109.0 | 1.5 | 0.195 | | | | |
| CAOND111111 | 109.0 | 110.5 | 1.5 | 5.310 | | | | |
| CAOND111112 | 110.5 | 112.0 | 1.5 | 0.033 | | | | |
| CAOND111113 | 112.0 | 113.5 | 1.5 | 0.025 | | | | |
| CAOND111114 | 113.5 | 115.0 | 1.5 | 0.022 | | | | |
| CAOND111116 | 115.0 | 116.5 | 1.5 | 0.024 | | | | |
| CAOND111117 | 116.5 | 118.0 | 1.5 | 0.009 | | | | |
| CAOND111118 | 118.0 | 119.5 | 1.5 | 0.035 | | | | |
| CAOND111119 | 119.5 | 121.0 | 1.5 | 0.083 | | | | |
| CAOND111121 | 121.0 | 122.5 | 1.5 | 0.108 | | | | |
| CAOND111122 | 122.5 | 124.0 | 1.5 | 0.097 | | | | |
| CAOND111123 | 124.0 | 125.5 | 1.5 | 0.053 | | | | |
| CAOND111124 | 125.5 | 127.0 | 1.5 | 0.036 | | | | |
| CAOND111126 | 127.0 | 128.0 | 1.0 | 0.040 | | | | |
| CAOND111127 | 128.0 | 129.0 | 1.0 | 0.042 | | | | |

**Major:** **From:** 129.00 **To:** 134.50 V8mt, Trachyte mafic tuff

Black and pink, fine grainedstrongly foliated @ 40, stronlgy magnetic, trace sulphides, strong calcite, spotty hematite, possible biotite.

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
129.00, 134.50, FOL, MOD, 40.00, -, -, -, Minor patches of crenulation and folding

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
129.00, 134.50, CAL, SEL, -, GRY_00025, FGR, with in lappili fragments

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111128 | 129.0 | 130.5 | 1.5 | 0.076 | | | | |
| CAOND111129 | 130.5 | 131.5 | 1.0 | 0.126 | | | | |
| CAOND111131 | 131.5 | 132.5 | 1.0 | 0.249 | | | | |
| CAOND111132 | 132.5 | 133.5 | 1.0 | 0.033 | | | | |
| CAOND111133 | 133.5 | 134.5 | 1.0 | 0.022 | | | | |

**Hole number:** KLUC18-502

132.50, 134.50, MAG, DIS, 5.00, RED_00001, FGR, -

**Major:** **From:** 134.50 **To:** 139.00 I2Dm, Mafic Syenite

dark black, aphantic, massive, stronlyg magnetic, crackly fractures infilled with calcite. Strong calcite in fractures, chlorite alteration. Sharp upper contact at 40 and wavy sharp lower contact at 80, possibly a mafic dyke or Diabase

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

134.50, 139.00, FRA, MOD, -, -, -, -, Fractures infilled with calcite, randomly oriented.

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

134.50, 139.00, CAL, SEL, -, GRY_00025, FGR, with in lappili fragments

134.50, 139.00, MAG, DIS, 5.00, RED_00001, FGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111134 | 134.5 | 136.0 | 1.5 | 0.060 | | | | |
| CAOND111135 | 136.0 | 137.5 | 1.5 | 0.030 | | | | |
| CAOND111136 | 137.5 | 139.0 | 1.5 | 0.021 | | | | |

**Major:** **From:** 139.00 **To:** 141.70 V8mt, Trachyte mafic tuff

Black and pink, fine grainedstrongly foliated @ 40, stronlgy magnetic, trace sulphides, strong calcite, spotty hematite, possible biotite.

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

139.00, 141.70, CAL, SEL, -, GRY_00025, FGR, with in lappili fragments

139.00, 141.70, MAG, DIS, 5.00, RED_00001, FGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111137 | 139.0 | 140.5 | 1.5 | 0.016 | | | | |
| CAOND111138 | 140.5 | 141.7 | 1.2 | 0.005 | | | | |

**Major:** **From:** 141.70 **To:** 154.30 I2Dm, Mafic Syenite

dark black, aphantic, massive, stronlyg magnetic, crackly fractures infilled with calcite. Strong calcite in fractures, chlorite alteration. Sharp upper contact at 40 and wavy sharp lower contact at 80, possibly a mafic dyke

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

149.25, 149.50, BRR, -, -, -, -, -, -

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

141.70, 154.30, CAL, SEL, -, GRY_00025, FGR, with in lappili fragments

141.70, 154.30, MAG, DIS, 5.00, RED_00001, FGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111139 | 141.7 | 143.0 | 1.3 | 0.063 | | | | |
| CAOND111140 | 143.0 | 144.5 | 1.5 | 0.048 | | | | |
| CAOND111141 | 144.5 | 146.0 | 1.5 | 0.005 | | | | |
| CAOND111142 | 146.0 | 147.5 | 1.5 | 0.003 | | | | |
| CAOND111143 | 147.5 | 149.0 | 1.5 | 0.009 | | | | |
| CAOND111144 | 149.0 | 150.0 | 1.0 | 0.029 | | | | |
| CAOND111146 | 150.0 | 151.5 | 1.5 | 0.031 | | | | |
| CAOND111147 | 151.5 | 153.0 | 1.5 | 0.078 | | | | |
| CAOND111148 | 153.0 | 154.3 | 1.3 | 0.033 | | | | |

**Major:** **From:** 154.30 **To:** 159.10 V8mtl, Trachyte mafic tuff lapilli

Fine grained dark green matrix with with minor angular fragments matrix support, stronlgy magnetic, fragments have hematite and calicte in the m. Unit varies in textures., intercalated Vm8 and V8mlt. Minimal sulphieds. Zone above fault zone

**MINERAL**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111149 | 154.3 | 155.5 | 1.2 | 0.400 | | | | |
| CAOND111165 | 155.5 | 157.0 | 1.5 | 0.135 | | | | |
| CAOND111151 | 157.0 | 158.0 | 1.0 | 0.311 | | | | |

## Hole number: KLUC18-502

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
154.30, 159.10, CAL, SEL, -, GRY_00025, FGR, with in lappili fragments

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111152 | 158.0 | 159.1 | 1.1 | 0.016 | | | | |

**Major:** **From:** 159.10 **To:** 169.50 fltzn, fault zone

Brittle fault, patchy strong magnetism, strong patchy hematite, angular breccia and gauge. no visble sulphide. Rubbly blocky core.

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
160.50, 161.30, BRR, STRONG, 70.00, -, -, -, lots of rusty staining and hematite.
163.40, 163.70, BRR, -, 70.00, -, -, -, -
166.40, 167.00, BRF, STRONG, 60.00, -, -, -, angular fragments rubbly
167.00, 168.00, BRR, -, 30.00, -, -, -, -
169.25, 169.50, BRF, STRONG, 35.00, -, -, -, Angular fragments, with soft cement of hematite

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
159.10, 169.50, CAL, SEL, -, GRY_00025, FGR, with in lappili fragments
159.10, 169.50, MAG, DIS, 5.00, RED_00001, FGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111153 | 159.1 | 160.0 | 0.9 | 0.026 | | | | |
| CAOND111154 | 160.0 | 161.5 | 1.5 | 0.053 | | | | |
| CAOND111155 | 161.5 | 163.0 | 1.5 | 0.017 | | | | |
| CAOND111156 | 163.0 | 164.5 | 1.5 | 0.005 | | | | |
| CAOND111157 | 164.5 | 166.0 | 1.5 | 0.003 | | | | |
| CAOND111158 | 166.0 | 167.0 | 1.0 | 0.023 | | | | |
| KLUC18-502-002LC | 167.0 | 168.0 | 1.0 | | | | | |
| CAOND111159 | 168.0 | 169.5 | 1.5 | 0.017 | | | | |

**Major:** **From:** 169.50 **To:** 193.90 I2Dm, Mafic Syenite

dark black, aphantic, massive, stronlyg magnetic, crackly fractures infilled with calcite. Strong calcite in fractures, chlorite alteration. Sharp upper contact at 40 and wavy sharp lower contact at 80, possibly a mafic dyke

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
191.50, 193.90, EPD+, PEN, MOD, GRN2_BASIC, FGR, -, Pervasive alteration with more intense patches through out unit.

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
169.50, 193.90, FRA, MOD, -, -, -, -, Fractures infilled with calcite, randomly oriented.

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
169.50, 193.90, CAL, SEL, -, GRY_00025, FGR, with in lappili fragments
169.50, 193.90, MAG, DIS, 5.00, RED_00001, FGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111161 | 169.5 | 171.0 | 1.5 | 0.013 | | | | |
| CAOND111162 | 171.0 | 172.5 | 1.5 | 0.013 | | | | |
| CAOND111163 | 172.5 | 174.0 | 1.5 | 0.011 | | | | |
| CAOND111164 | 174.0 | 175.5 | 1.5 | 0.015 | | | | |
| CAOND111166 | 175.5 | 177.0 | 1.5 | 0.006 | | | | |
| CAOND111167 | 177.0 | 178.5 | 1.5 | 0.015 | | | | |
| CAOND111168 | 178.5 | 180.0 | 1.5 | 0.015 | | | | |
| CAOND111169 | 180.0 | 181.5 | 1.5 | 0.186 | | | | |
| CAOND111171 | 181.5 | 183.0 | 1.5 | 0.278 | | | | |
| CAOND111172 | 183.0 | 184.5 | 1.5 | 0.039 | | | | |
| CAOND111173 | 184.5 | 186.0 | 1.5 | 0.148 | | | | |
| CAOND111174 | 186.0 | 187.5 | 1.5 | 0.015 | | | | |
| CAOND111176 | 187.5 | 189.0 | 1.5 | 0.090 | | | | |
| CAOND111177 | 189.0 | 190.5 | 1.5 | 0.011 | | | | |
| CAOND111178 | 190.5 | 192.0 | 1.5 | 0.003 | | | | |
| CAOND111179 | 192.0 | 193.0 | 1.0 | 0.035 | | | | |
| CAOND111181 | 193.0 | 193.9 | 0.9 | 0.030 | | | | |

## Hole number: KLUC18-502

**Major:** **From:** 193.90 **To:** 198.30 V8mt, Trachyte mafic tuff

Black and pink, moderately foliated, stronlgy magnetic, minor sulphides, strong calcite, Weak sercite alteration, possible chorite. fine grained

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

193.90, 198.30, EPD+, PEN, MOD, GRN2_BASIC, FGR, -, Pervasive alteration with more intense patches through out unit.

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

193.90, 198.30, FOL, MOD, 30.00, -, -, -, laminated

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

193.90, 198.30, CAL, SEL, -, GRY_00025, FGR, with in lappili fragments

193.90, 198.30, MAG, DIS, 5.00, RED_00001, FGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111182 | 193.9 | 195.0 | 1.1 | 0.003 | | | | |
| CAOND111183 | 195.0 | 196.5 | 1.5 | 0.009 | | | | |
| CAOND111184 | 196.5 | 198.0 | 1.5 | 0.021 | | | | |
| CAOND111185 | 198.0 | 199.5 | 1.5 | 0.015 | | | | |

**Major:** **From:** 198.30 **To:** 236.50 V8tl, Trachytic lapilli tuff

light gray green, fragment support, fine grained dark gray green matrix. No magnetite, strong calcite, Calcite froms in fragments, fragments aligned along foliation but still angular. Moderate amount Trace disseminated dusting of pyrite

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

198.30, 236.50, EPD+, PEN, MOD, GRN2_BASIC, FGR, -, Pervasive alteration with more intense patches through out unit.

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

198.30, 236.50, FOL, WEAK, 30.00, -, -, -, fragments aligned along foliation

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

198.30, 236.50, CAL, SEL, -, GRY_00025, FGR, with in lappili fragments

198.30, 236.50, MAG, DIS, 5.00, RED_00001, FGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111186 | 199.5 | 201.0 | 1.5 | 0.014 | | | | |
| CAOND111187 | 201.0 | 202.5 | 1.5 | 0.045 | | | | |
| CAOND111188 | 202.5 | 204.0 | 1.5 | 0.033 | | | | |
| CAOND111189 | 204.0 | 205.5 | 1.5 | 0.056 | | | | |
| CAOND111191 | 205.5 | 207.0 | 1.5 | 0.064 | | | | |
| CAOND111192 | 207.0 | 208.5 | 1.5 | 0.112 | | | | |
| CAOND111193 | 208.5 | 210.0 | 1.5 | 0.280 | | | | |
| CAOND111194 | 210.0 | 211.5 | 1.5 | 0.044 | | | | |
| CAOND111195 | 211.5 | 213.0 | 1.5 | 0.032 | | | | |
| CAOND111196 | 213.0 | 214.5 | 1.5 | 0.021 | | | | |
| CAOND111197 | 214.5 | 216.0 | 1.5 | 0.030 | | | | |
| CAOND111198 | 216.0 | 217.5 | 1.5 | 0.043 | | | | |
| CAOND111199 | 217.5 | 219.0 | 1.5 | 0.053 | | | | |
| CAOND111201 | 219.0 | 220.5 | 1.5 | 0.044 | | | | |
| CAOND111202 | 220.5 | 222.0 | 1.5 | 0.041 | | | | |
| CAOND111203 | 222.0 | 223.5 | 1.5 | 0.043 | | | | |
| CAOND111204 | 223.5 | 225.0 | 1.5 | 0.039 | | | | |
| CAOND111205 | 225.0 | 226.5 | 1.5 | 0.035 | | | | |
| CAOND111206 | 226.5 | 228.0 | 1.5 | 0.065 | | | | |

**Hole number:** KLUC18-502

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111207 | 228.0 | 229.5 | 1.5 | 0.079 | | | | |
| CAOND111208 | 229.5 | 231.0 | 1.5 | 0.114 | | | | |
| CAOND111209 | 231.0 | 232.5 | 1.5 | 0.364 | | | | |
| CAOND111210 | 232.5 | 234.0 | 1.5 | 0.034 | | | | |
| CAOND111211 | 234.0 | 235.0 | 1.0 | 0.017 | | | | |
| CAOND111212 | 235.0 | 236.5 | 1.5 | 0.007 | | | | |

**Major:** **From:** 236.50 **To:** 242.00 V8t, Trachytic tuff

Fine grained, light green gray, strongly foliated at 30 degrees, non magnetic, strong calcite, rock looks striped, fine laminations, odd speck of pyrite.Contacts are gradational

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

236.50, 242.00, EPD+, PEN, MOD, GRN2_BASIC, FGR, -, Pervasive alteration with more intense patches through out unit.

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

236.50, 242.00, FOL, WEAK, 30.00, -, -, -, fragments aligned along foliation

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

236.50, 242.00, CAL, SEL, -, GRY_00025, FGR, with in lappili fragments
236.50, 242.00, MAG, DIS, 5.00, RED_00001, FGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111213 | 236.5 | 238.0 | 1.5 | 0.003 | | | | |
| CAOND111214 | 238.0 | 239.5 | 1.5 | 0.003 | | | | |
| CAOND111216 | 239.5 | 241.0 | 1.5 | 0.009 | | | | |
| CAOND111217 | 241.0 | 242.0 | 1.0 | 0.016 | | | | |

**Major:** **From:** 242.00 **To:** 257.00 V8tl, Trachytic lapilli tuff

light gray green, fragment support, fine grained dark gray green matrix. No magnetite, strong calcite, Calcite froms in fragments, fragments aligned along foliation but still angular. Moderate amount Trace disseminated dusting of pyrite

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

242.00, 257.00, EPD+, PEN, MOD, GRN2_BASIC, FGR, -, Pervasive alteration with more intense patches through out unit.

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

242.00, 257.00, FOL, WEAK, 30.00, -, -, -, fragments aligned along foliation

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

242.00, 257.00, CAL, SEL, -, GRY_00025, FGR, with in lappili fragments

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111218 | 242.0 | 243.5 | 1.5 | 0.024 | | | | |
| CAOND111219 | 243.5 | 245.0 | 1.5 | 0.014 | | | | |
| CAOND111221 | 245.0 | 246.5 | 1.5 | 0.003 | | | | |
| CAOND111222 | 246.5 | 248.0 | 1.5 | 0.003 | | | | |
| CAOND111223 | 248.0 | 249.5 | 1.5 | 0.003 | | | | |
| CAOND111224 | 249.5 | 251.0 | 1.5 | 0.009 | | | | |
| CAOND111226 | 251.0 | 252.5 | 1.5 | 0.024 | | | | |
| CAOND111227 | 252.5 | 254.0 | 1.5 | 0.037 | | | | |
| CAOND111228 | 254.0 | 255.5 | 1.5 | 0.021 | | | | |
| CAOND111229 | 255.5 | 257.0 | 1.5 | 0.029 | | | | |

**Hole number:** KLUC18-502

242.00, 257.00, MAG, DIS, 5.00, RED_00001, FGR, -

**Major:** **From:** 257.00 **To:** 269.00 S3, GRAUWACKE

Fine grained, light gray, weakly to stronlg sauseratized, strong calcite, no hematite, moderately foliated at 40 degrees, 3% fine grained pyrite disseminated throughout unit. Unit is uniform in appearance, Gradational contacts

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

257.00, 269.00, EPD+, PEN, MOD, GRN2_BASIC, FGR, -, Pervasive alteration with more intense patches through out unit.

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

257.00, 269.00, FOL, MOD, 40.00, -, -, -, -

265.70, 266.00, MNC, STRONG, 40.00, -, -, -, Blocky ground, strong shear with chlorite

266.00, 269.00, FOL, MOD, 40.00, -, -, -, 40 to 50 degree foliation

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

257.00, 269.00, CAL, SEL, -, GRY_00025, FGR, with in lappili fragments

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111231 | 257.0 | 258.5 | 1.5 | 0.018 | | | | |
| CAOND111232 | 258.5 | 260.0 | 1.5 | 0.005 | | | | |
| CAOND111233 | 260.0 | 261.5 | 1.5 | 0.003 | | | | |
| CAOND111234 | 261.5 | 263.0 | 1.5 | 0.006 | | | | |
| CAOND111235 | 263.0 | 264.5 | 1.5 | 0.016 | | | | |
| CAOND111236 | 264.5 | 266.0 | 1.5 | 0.058 | | | | |
| CAOND111237 | 266.0 | 267.5 | 1.5 | 0.065 | | | | |
| CAOND111238 | 267.5 | 269.0 | 1.5 | 0.074 | | | | |

**Major:** **From:** 269.00 **To:** 279.00 V8tl, Trachytic lapilli tuff

light gray green, matrix support, fine grained dark gray green matrix. weakly patchy magnetite, strong calcite, Calcite froms in fragments, fragments aligned along foliation fragments are getting tails. Very fine grained dusting of pyrite about 1 % with concentrations up to 8%.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

269.45, 274.00, PYR, DIS, 8.00, -, FGR, Very fine grained dusting

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

269.00, 279.00, EPD+, PEN, MOD, GRN2_BASIC, FGR, -, Pervasive alteration with more intense patches through out unit.

269.00, 279.00, CHL+, PEN, MOD, GRN2_BASIC, FGR, -, -

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

269.00, 279.00, FOL, MOD, 40.00, -, -, -, 40 to 50 degree foliation

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

269.00, 279.00, CAL, SEL, -, GRY_00025, FGR, with in lappili fragments

269.00, 279.00, MAG, DIS, 3.00, RED_00001, FGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111239 | 269.0 | 270.5 | 1.5 | 0.160 | | | | |
| CAOND111240 | 270.5 | 272.0 | 1.5 | 0.102 | | | | |
| CAOND111241 | 272.0 | 273.5 | 1.5 | 0.019 | | | | |
| CAOND111242 | 273.5 | 275.0 | 1.5 | 0.003 | | | | |
| CAOND111243 | 275.0 | 276.5 | 1.5 | 0.010 | | | | |
| CAOND111244 | 276.5 | 278.0 | 1.5 | 0.012 | | | | |
| CAOND111246 | 278.0 | 279.0 | 1.0 | 0.019 | | | | |

**Hole number:** KLUC18-502

**Major:** **From:** 279.00 **To:** 291.50 V8m, Trachyte mafic

Fine grained, green black, weakly foliated to massive, strongly magnetic, irregular fractures infilled with calcite, patches have more calcite fractures then others. Unit is stronly chloritic, gradational contacts. Trace fine grained disseminated pyrite.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

279.00, 291.50, EPD+, PEN, MOD, GRN2_BASIC, FGR, -, Pervasive alteration with more intense patches through out unit.
279.00, 291.50, CHL+, PEN, MOD, GRN2_BASIC, FGR, -, -
279.00, 291.50, CAL+, FRF, WEAK, GRY_00025, FGR, -, Irregular fractures.

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

279.00, 291.50, FOL, MOD, 40.00, -, -, -, 40 to 50 degree foliation

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

279.00, 280.00, CAL, SEL, -, GRY_00025, FGR, with in lappili fragments
279.00, 291.50, MAG, DIS, 3.00, RED_00001, FGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111247 | 279.0 | 280.0 | 1.0 | 0.014 | | | | |
| CAOND111248 | 280.0 | 281.0 | 1.0 | 0.020 | | | | |
| CAOND111249 | 281.0 | 282.5 | 1.5 | 0.011 | | | | |
| CAOND111251 | 282.5 | 284.0 | 1.5 | 0.013 | | | | |
| CAOND111252 | 284.0 | 285.5 | 1.5 | 0.026 | | | | |
| CAOND111253 | 285.5 | 287.0 | 1.5 | 0.059 | | | | |
| CAOND111254 | 287.0 | 288.5 | 1.5 | 0.036 | | | | |
| CAOND111255 | 288.5 | 290.0 | 1.5 | 0.028 | | | | |
| CAOND111256 | 290.0 | 291.5 | 1.5 | 0.011 | | | | |

**Major:** **From:** 291.50 **To:** 374.00 V8mt, Trachyte mafic tuff

Dark gray green, weakly foliated to massive, strongly magnetic, lithic fragments are angular and weakly aligned along foliation, Black shards very in size but in general are '0.5cm in length. Pervasive epidote through out unit with isolated patches of intese epidote. Patchy strong epidote is assoicated with thin quatz veins or increase fractures. Unit contains calcite with in sporadic fractures which in general form at 30 degrees. minor quartz veins noted. no obivious pyrite noticed. 327m less patchy strong epidote WRS -320 TO 321m least altered sample of mafic tuff.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

291.50, 350.00, EPD+, PEN, MOD, GRN2_BASIC, FGR, -, Pervasive alteration with more intense patches through out unit.
291.50, 350.00, CAL+, FRF, WEAK, GRY_00025, FGR, -, Irregular fractures.
321.00, 322.00, HEM+, FRF, WEAK, RED2_BASIC, -, -, -

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

291.50, 374.00, FOL, MOD, 40.00, -, -, -, 40 to 50 degree foliation

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

316.00, 317.00, QTZ, .10, 70.00, -, -, -, PRP2_BASIC, .50, MAS, -, -, thin stringers with intense epidote

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111257 | 291.5 | 293.0 | 1.5 | 0.007 | | | | |
| CAOND111258 | 308.0 | 309.0 | 1.0 | 0.003 | | | | |
| CAOND111259 | 316.0 | 317.0 | 1.0 | 0.005 | | | | |
| CAOND111261 | 320.0 | 321.0 | 1.0 | 0.003 | 0.250 | 70 | 101 | |
| CAOND111262 | 342.0 | 343.0 | 1.0 | 0.010 | | | | |
| CAOND111263 | 357.5 | 358.5 | 1.0 | 0.131 | | | | |

**Hole number:** KLUC18-502

alteraion. appear to cross cut fabric of the rock. took sample here to see if it runs. must go back and resample if we get a hit.
344.00, 344.10, QTZ, 100.00, 30.00, -, -, -, GRY_00025, 30.00, MAS, -, -, Pegmatite texture, quartz-feldspar veing, dominated quartz,

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
291.50, 374.00, MAG, DIS, 3.00, RED_00001, FGR, -

**Major:** **From:** 374.00 **To:** 428.05 V8mtl, Trachyte mafic tuff lapilli

tuff grades into lapilli tuff, minor tuffacous unit with in larger package lapilli on meter scale Dark gray black, strongly foliated at 45 to 55 degrees, Stretched calcite altered fragments giving rock a stripped and banded appearance. Strongly magnetic, intense calcite alteration. One area with up to 3% very fine grained disseminated sulphide. Unit is strongly foliated but only shows one set of deformation. Increase in shear at 410m, fragments are dismembered. Unit appears to be strongly chloritic giving dark black colour. In general no hematite until bottom of unit at 413m, hematite forms in fragments with calcite. Unit contians very minimal sulphides. WRS 407-408 - least altered mafic lapilli tuff 440-441.4 strong potassic alt or hematite of tuff - also pyrite in sampleà 450-451m - chill margin, aphantic rock before syentite

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
375.10, 375.50, PYR, DIS, 3.00, -, FGR, Very fine grained dusting of pyrite

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
374.00, 428.05, CAL+, SEL, STRONG, GRY_00025, FGR, -, formed with in fragments
374.00, 428.05, CHL+, PEN, MOD, GRN2_BASIC, FGR, -, -
412.00, 428.05, HEM+, SEL, WEAK, PNK2_BASIC, FGR, -, Pink stretched out fragments associated with calcite

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
374.00, 428.05, FOL, MOD, 40.00, -, -, -, 40 to 50 degree foliation

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
398.30, 398.50, QTZ, 50.00, -, -, -, -, GRY_00025, -, MAS, -, -, Pod or vein clipped core

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
374.00, 428.05, MAG, DIS, 3.00, RED_00001, FGR, -
374.00, 428.05, CAL, SEL, -, GRY_00025, FGR, with in fragments

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111264 | 374.5 | 375.5 | 1.0 | 0.373 | | | | |
| CAOND111265 | 395.0 | 396.0 | 1.0 | 0.003 | | | | |
| CAOND111266 | 398.0 | 399.0 | 1.0 | 0.003 | | | | |
| CAOND111267 | 407.0 | 408.0 | 1.0 | 0.005 | 0.250 | 83 | 103 | |

**Hole number:** KLUC18-502

**Major:** **From:** 428.05 **To:** 438.60 V8mt, Trachyte mafic tuff

Black and pink, stronlgy foliated at 40 degrees, stronlgy magnetic, in general barren, strong calcite, Weak sercite alteration, possible chorite. Minor lapilli fragments

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

428.05, 438.60, CAL+, SEL, STRONG, GRY_00025, FGR, -, formed with in fragments
428.05, 438.60, CHL+, PEN, MOD, GRN2_BASIC, FGR, -, -
428.05, 438.60, CHL+, PEN, WEAK, RED_00001, FGR, -, -

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

428.05, 438.60, FOL, MOD, 40.00, -, -, -, 40 to 50 degree foliation

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

428.05, 438.60, MAG, DIS, 3.00, RED_00001, FGR, -
428.05, 438.60, CAL, SEL, -, GRY_00025, FGR, with in fragments

**Major:** **From:** 438.60 **To:** 449.90 V8m, Trachyte mafic

V8m or V8mt à Unit is medium grained strongly magnetic, has no calcite, Areas show strong hematite or potassic alteration. One fabric at 40 degrees, Areas with felspar eyes. Minor isolated feldspar veins which form along foliation and cross cut foliation. Unit contians minimal sulphides one isolated platch of 1% fine grained disseminated pyrite seen in potassic or hematite altered unit.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

441.00, 441.40, PYR, DIS, 1.00, -, FGR, Very fine grained dusting of pyrite
442.15, 442.50, PYR, DIS, 1.00, -, FGR, very fine grained dusting of pyrite

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

438.60, 441.40, K+, PEN, STRONG, PNK2_BASIC, FGR, -, Peach colour, fine grained, strongly foliated, also has increased patchy sulphides
441.40, 449.90, CHL+, INT, MOD, RED_00001, FGR, -, Form along cleavage plane. White and black rock no calcite. feldspar or plage growth.
441.40, 449.90, HEM+, PAT, WEAK, PNK2_BASIC, FGR, -, patches of pink alteration thougth to be interstial syentite.

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

438.60, 449.90, FOL, MOD, 40.00, -, -, -, 40 to 50 degree foliation

**VEIN**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111268 | 440.0 | 441.4 | 1.4 | 0.179 | 0.250 | 54 | 65 | |

**Hole number:** KLUC18-502

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS
438.60, 439.90, PLC, .10, -, -, -, -, GRY_00025, .30, FRF, -, -, Thing irrgular fracture infills, with plag or feldspar.

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
438.60, 449.90, MAG, DIS, 3.00, RED_00001, FGR, -

**Major:** **From:** 449.90 **To:** 457.20 V8tl, Trachytic lapilli tuff

Medium grained, green and pink unit with variable textures, strong chlorite alteration and moderate hematite alteration. Trace disseminated sulphides. unit is strongly foliated at 45 degrees. Aphantic upper contact and strong silicification at contact for 1.5m. Lozenges of dark gray aphantic material stretched along foliation. Granular pink lozenges of pinkish felsic material also seen stretched along foliation. green alteration forms along cleavage plane. Unit thought to have minimal strain and hydrothermal fluids

**TEXTURE**
TYPE/COLOR/GRAIN_SIZE/COMMENTS
451.00, 457.20, BOD, -, MGR, Stretched syentite along foliation

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
449.90, 457.20, EPD+, INT, MOD, GRN2_BASIC, FGR, -, Form interstial material. Possible epidote but unsure
449.90, 457.20, SER+, PEN, STRONG, GRN2_BASIC, FGR, -, bleaching of unit, light green gray colour. Can stil see texture of the rock
456.75, 457.20, CHL+, INT, STRONG, RED_00001, FGR, -, form black strips along cleavage planes.

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
449.90, 457.20, FOL, MOD, 40.00, -, -, -, 40 to 50 degree foliation

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
449.90, 457.20, MAG, DIS, 3.00, RED_00001, FGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111269 | 450.0 | 451.0 | 1.0 | 0.003 | 0.250 | 68 | 149 | |
| CAOND111271 | 451.0 | 452.5 | 1.5 | 0.006 | | | | |
| CAOND111272 | 452.5 | 454.0 | 1.5 | 0.007 | | | | |

**Major:** **From:** 457.20 **To:** 462.30 I2D, Syénite

Dark brick red, fine grained, massive syenite, non magetic to weakly magnetic, strongly hematitized. patches of strongly chloritized zones which gives unit a banded appearance. Trace disseminated sulphides (rare), irregular hairline fractures through out which contian quartz and plagioclase.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
457.20, 462.30, HEM+, PEN, STRONG, RED2_BASIC, FGR, -, brick red colour, patches of strong

**Hole number:** KLUC18-502

chloritization, giving the rock a banded appearance.

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
457.20, 462.30, FOL, MOD, 40.00, -, -, -, 40 to 50 degree foliation

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
457.20, 462.30, MAG, DIS, 3.00, RED_00001, FGR, -

**Major:** **From:** 462.30 **To:** 469.90 V8tl, Trachytic lapilli tuff

Medium grained, dark gray and pink unit, uniform looking, strong chlorite alteration and moderate hematite alteration. Trace disseminated sulphides. unit is strongly foliated at 45 degrees. Pink lozenges of felsic material also seen stretched along foliation. green alteration forms along cleavage plane. Unit is strongly magnetic and does not contain calcite. unit thought to have minimal strain and hydrothermal activity

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
462.30, 466.25, CHL+, INT, STRONG, GRN2_BASIC, FGR, -, Forms between pink lozenges
466.25, 467.00, HEM+, PEN, STRONG, RED2_BASIC, FGR, -, unit still maintains globular appearance, lozenges
467.00, 469.90, SER+, PEN, STRONG, YLW2_BASIC, FGR, -, yellow gray pervasive alt

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
462.30, 469.90, FOL, MOD, 40.00, -, -, -, 40 to 50 degree foliation

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
462.30, 469.90, MAG, DIS, 3.00, RED_00001, FGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111273 | 465.0 | 466.0 | 1.0 | 0.005 | 0.250 | 129 | 122 | |

**Major:** **From:** 469.90 **To:** 471.85 I2D, Syénite

Dark brick red, fine grained, massive, strongly magnetic, strongly hematitized. Uniform looking, Trace disseminated sulphides (rare), irregular hairline fractures through out. Patchy interstitial chlorite alteration.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
469.90, 471.85, HEM+, PEN, STRONG, RED2_BASIC, FGR, -, Brick red Syenite

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
469.90, 471.85, FOL, MOD, 40.00, -, -, -, 40 to 50 degree foliation

**Hole number:** KLUC18-502

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
469.90, 471.85, MAG, DIS, 3.00, RED_00001, FGR, -

**Major:** **From:** 471.85 **To:** 496.57 V8tl, Trachytic lapilli tuff

Medium grained, green gray and pink unit with globular appearance, strong sercite and moderate hematite alteration. Trace disseminated sulphides. unit is strongly foliated at 45 degrees. Lozenges of dark gray aphantic material stretched along foliation. Granular pink lozenges of pinkish felsic material also seen stretched along foliation. 1cm to 5cm bands or veins of syentite looking materila. Brick red sharp contacts, form along fabric of rock. light yellow green alteration forms along cleavage plane. Unit thougth to have minimal strain

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
471.85, 496.57, FOL, MOD, 40.00, -, -, -, 40 to 50 degree foliation

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
471.85, 496.57, MAG, DIS, 3.00, RED_00001, FGR, -

**Major:** **From:** 496.57 **To:** 509.29 V8, Trachyte

Fine grained, moderately foliated (35 degrees) to massive, Light pink gray, strongly magnetic, no calcite, pervasive weak to moderate hematite, strong sercite. no visible sulphides. Minor patches of tuffacous units. Gradational contacts. Unit thought to have minimal strain Possible crystal tuff from 499.75-501.5m, unit is white with black specks (MT) and has minor quartz eyes.

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
496.57, 502.00, FOL, MOD, 40.00, -, -, -, finely laminated tuffacous material

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
496.57, 509.29, MAG, DIS, 3.00, RED_00001, FGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111274 | 502.0 | 503.0 | 1.0 | 0.006 | 0.250 | 185 | 477 | |

**Major:** **From:** 509.29 **To:** 513.00 V8xt, Trachyte tuff crystal

Fine grained matrix with rounded 3% quartz eyes, unit is light pink and has variable amount of quartz eyes which are 0.3cm wide. Strongly magnetic, no calcite, no sulphides. In general unit does not appear strained. Gradational contacts.

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
509.29, 513.00, MAG, DIS, 3.00, RED_00001, FGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111276 | 512.0 | 513.0 | 1.0 | 0.026 | 0.250 | 32 | 70 | |

**Hole number:** KLUC18-502

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 4.5 | 6.0 | 50.00 | 100.00 | | | N | |
| 6.0 | 9.0 | 88.00 | 100.00 | | | N | |
| 9.0 | 12.0 | 100.00 | 100.00 | | | N | |
| 12.0 | 15.0 | 90.00 | 100.00 | | | N | |
| 15.0 | 18.0 | 93.00 | 100.00 | | | N | |
| 18.0 | 21.0 | 98.00 | 100.00 | | | N | |
| 21.0 | 24.0 | 97.00 | 100.00 | | | N | |
| 24.0 | 27.0 | 82.00 | 100.00 | | | N | |
| 27.0 | 30.0 | 93.00 | 100.00 | | | N | |
| 30.0 | 33.0 | 93.00 | 100.00 | | | N | |
| 33.0 | 36.0 | 98.00 | 100.00 | | | N | |
| 36.0 | 39.0 | 93.00 | 100.00 | | | N | |
| 39.0 | 42.0 | 100.00 | 100.00 | | | N | |
| 42.0 | 45.0 | 98.00 | 100.00 | | | N | |
| 45.0 | 48.0 | 92.00 | 100.00 | | | N | |
| 48.0 | 51.0 | 92.00 | 100.00 | | | N | |
| 51.0 | 54.0 | 98.00 | 100.00 | | | N | |
| 54.0 | 57.0 | 98.00 | 100.00 | | | N | |
| 57.0 | 60.0 | 98.00 | 100.00 | | | N | |
| 60.0 | 63.0 | 98.00 | 100.00 | | | N | |
| 63.0 | 66.0 | 60.00 | 100.00 | | | N | |
| 66.0 | 69.0 | 97.00 | 100.00 | | | N | |
| 69.0 | 72.0 | 72.00 | 100.00 | | | N | |
| 72.0 | 75.0 | 90.00 | 100.00 | | | N | |
| 75.0 | 78.0 | 100.00 | 100.00 | | | N | |
| 78.0 | 81.0 | 100.00 | 100.00 | | | N | |
| 81.0 | 84.0 | 97.00 | 100.00 | | | N | |
| 84.0 | 87.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC18-502

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 87.0 | 90.0 | 88.00 | 100.00 | | | N | |
| 90.0 | 93.0 | 97.00 | 100.00 | | | N | |
| 93.0 | 96.0 | 98.00 | 100.00 | | | N | |
| 96.0 | 99.0 | 98.00 | 100.00 | | | N | |
| 99.0 | 102.0 | 83.00 | 100.00 | | | N | |
| 102.0 | 105.0 | 93.00 | 100.00 | | | N | |
| 105.0 | 108.0 | 100.00 | 100.00 | | | N | |
| 108.0 | 111.0 | 97.00 | 100.00 | | | N | |
| 111.0 | 114.0 | 100.00 | 100.00 | | | N | |
| 114.0 | 117.0 | 100.00 | 100.00 | | | N | |
| 117.0 | 120.0 | 100.00 | 100.00 | | | N | |
| 120.0 | 123.0 | 100.00 | 100.00 | | | N | |
| 123.0 | 126.0 | 100.00 | 100.00 | | | N | |
| 126.0 | 129.0 | 98.00 | 100.00 | | | N | |
| 129.0 | 132.0 | 97.00 | 100.00 | | | N | |
| 132.0 | 135.0 | 100.00 | 100.00 | | | N | |
| 135.0 | 138.0 | 97.00 | 100.00 | | | N | |
| 138.0 | 141.0 | 98.00 | 100.00 | | | N | |
| 141.0 | 144.0 | 88.00 | 100.00 | | | N | |
| 144.0 | 147.0 | 92.00 | 100.00 | | | N | |
| 147.0 | 150.0 | 85.00 | 100.00 | | | N | |
| 150.0 | 153.0 | 92.00 | 100.00 | | | N | |
| 153.0 | 156.0 | 83.00 | 100.00 | | | N | |
| 156.0 | 159.0 | 92.00 | 100.00 | | | N | |
| 159.0 | 162.0 | 77.00 | 100.00 | | | N | |
| 162.0 | 165.0 | 75.00 | 100.00 | | | N | |
| 165.0 | 168.0 | 80.00 | 100.00 | | | N | |
| 168.0 | 171.0 | 70.00 | 100.00 | | | N | |

**Hole number:** KLUC18-502

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 171.0 | 174.0 | 77.00 | 100.00 | | | N | |
| 174.0 | 177.0 | 83.00 | 100.00 | | | N | |
| 177.0 | 180.0 | 98.00 | 100.00 | | | N | |
| 180.0 | 183.0 | 97.00 | 100.00 | | | N | |
| 183.0 | 186.0 | 90.00 | 100.00 | | | N | |
| 186.0 | 189.0 | 100.00 | 100.00 | | | N | |
| 189.0 | 192.0 | 93.00 | 100.00 | | | N | |
| 192.0 | 195.0 | 98.00 | 100.00 | | | N | |
| 195.0 | 198.0 | 90.00 | 100.00 | | | N | |
| 198.0 | 201.0 | 87.00 | 100.00 | | | N | |
| 201.0 | 204.0 | 92.00 | 100.00 | | | N | |
| 204.0 | 207.0 | 98.00 | 100.00 | | | N | |
| 207.0 | 210.0 | 95.00 | 100.00 | | | N | |
| 210.0 | 213.0 | 100.00 | 100.00 | | | N | |
| 213.0 | 216.0 | 100.00 | 100.00 | | | N | |
| 216.0 | 219.0 | 100.00 | 100.00 | | | N | |
| 219.0 | 222.0 | 95.00 | 100.00 | | | N | |
| 222.0 | 225.0 | 97.00 | 100.00 | | | N | |
| 225.0 | 228.0 | 100.00 | 100.00 | | | N | |
| 228.0 | 231.0 | 98.00 | 100.00 | | | N | |
| 231.0 | 234.0 | 93.00 | 100.00 | | | N | |
| 234.0 | 237.0 | 97.00 | 100.00 | | | N | |
| 237.0 | 240.0 | 95.00 | 100.00 | | | N | |
| 240.0 | 243.0 | 95.00 | 100.00 | | | N | |
| 243.0 | 246.0 | 98.00 | 100.00 | | | N | |
| 246.0 | 249.0 | 100.00 | 100.00 | | | N | |
| 249.0 | 252.0 | 100.00 | 100.00 | | | N | |
| 252.0 | 255.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC18-502

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 255.0 | 258.0 | 97.00 | 100.00 | | | N | |
| 258.0 | 261.0 | 100.00 | 100.00 | | | N | |
| 261.0 | 264.0 | 98.00 | 100.00 | | | N | |
| 264.0 | 267.0 | 100.00 | 100.00 | | | N | |
| 267.0 | 270.0 | 97.00 | 100.00 | | | N | |
| 270.0 | 273.0 | 100.00 | 100.00 | | | N | |
| 273.0 | 276.0 | 100.00 | 100.00 | | | N | |
| 276.0 | 279.0 | 100.00 | 100.00 | | | N | |
| 279.0 | 282.0 | 82.00 | 100.00 | | | N | |
| 282.0 | 285.0 | 88.00 | 100.00 | | | N | |
| 285.0 | 288.0 | 92.00 | 100.00 | | | N | |
| 288.0 | 291.0 | 98.00 | 100.00 | | | N | |
| 291.0 | 294.0 | 98.00 | 100.00 | | | N | |
| 294.0 | 297.0 | 92.00 | 100.00 | | | N | |
| 297.0 | 300.0 | 98.00 | 100.00 | | | N | |
| 300.0 | 303.0 | 97.00 | 100.00 | | | N | |
| 303.0 | 306.0 | 100.00 | 100.00 | | | N | |
| 306.0 | 309.0 | 98.00 | 100.00 | | | N | |
| 309.0 | 312.0 | 93.00 | 100.00 | | | N | |
| 312.0 | 315.0 | 98.00 | 100.00 | | | N | |
| 315.0 | 318.0 | 98.00 | 100.00 | | | N | |
| 318.0 | 321.0 | 100.00 | 100.00 | | | N | |
| 321.0 | 324.0 | 92.00 | 100.00 | | | N | |
| 324.0 | 327.0 | 98.00 | 100.00 | | | N | |
| 327.0 | 330.0 | 100.00 | 100.00 | | | N | |
| 330.0 | 333.0 | 100.00 | 100.00 | | | N | |
| 333.0 | 336.0 | 100.00 | 100.00 | | | N | |
| 336.0 | 339.0 | 98.00 | 100.00 | | | N | |

**Hole number:** KLUC18-502

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 339.0 | 342.0 | 100.00 | 100.00 | | | N | |
| 342.0 | 345.0 | 98.00 | 100.00 | | | N | |
| 345.0 | 348.0 | 90.00 | 100.00 | | | N | |
| 348.0 | 351.0 | 100.00 | 100.00 | | | N | |
| 351.0 | 354.0 | 100.00 | 100.00 | | | N | |
| 354.0 | 357.0 | 100.00 | 100.00 | | | N | |
| 357.0 | 360.0 | 100.00 | 100.00 | | | N | |
| 360.0 | 363.0 | 100.00 | 100.00 | | | N | |
| 363.0 | 366.0 | 100.00 | 100.00 | | | N | |
| 366.0 | 369.0 | 97.00 | 100.00 | | | N | |
| 369.0 | 372.0 | 100.00 | 100.00 | | | N | |
| 372.0 | 375.0 | 100.00 | 100.00 | | | N | |
| 375.0 | 378.0 | 100.00 | 100.00 | | | N | |
| 378.0 | 381.0 | 81.00 | 100.00 | | | N | |
| 381.0 | 384.0 | 98.00 | 100.00 | | | N | |
| 384.0 | 387.0 | 100.00 | 100.00 | | | N | |
| 387.0 | 390.0 | 98.00 | 100.00 | | | N | |
| 390.0 | 393.0 | 97.00 | 100.00 | | | N | |
| 393.0 | 396.0 | 100.00 | 100.00 | | | N | |
| 396.0 | 399.0 | 100.00 | 100.00 | | | N | |
| 399.0 | 402.0 | 100.00 | 100.00 | | | N | |
| 402.0 | 405.0 | 100.00 | 100.00 | | | N | |
| 405.0 | 408.0 | 100.00 | 100.00 | | | N | |
| 408.0 | 411.0 | 100.00 | 100.00 | | | N | |
| 411.0 | 414.0 | 100.00 | 100.00 | | | N | |
| 414.0 | 417.0 | 100.00 | 100.00 | | | N | |
| 417.0 | 420.0 | 98.00 | 100.00 | | | N | |
| 420.0 | 423.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC18-502

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 423.0 | 426.0 | 100.00 | 100.00 | | | N | |
| 426.0 | 429.0 | 98.00 | 100.00 | | | N | |
| 429.0 | 432.0 | 95.00 | 100.00 | | | N | |
| 432.0 | 435.0 | 93.00 | 100.00 | | | N | |
| 435.0 | 438.0 | 55.00 | 100.00 | | | N | |
| 438.0 | 441.0 | 93.00 | 100.00 | | | N | |
| 441.0 | 444.0 | 97.00 | 100.00 | | | N | |
| 444.0 | 447.0 | 98.00 | 100.00 | | | N | |
| 447.0 | 450.0 | 97.00 | 100.00 | | | N | |
| 450.0 | 453.0 | 93.00 | 100.00 | | | N | |
| 453.0 | 456.0 | 100.00 | 100.00 | | | N | |
| 456.0 | 459.0 | 98.00 | 100.00 | | | N | |
| 459.0 | 462.0 | 100.00 | 100.00 | | | N | |
| 462.0 | 465.0 | 100.00 | 100.00 | | | N | |
| 465.0 | 468.0 | 100.00 | 100.00 | | | N | |
| 468.0 | 471.0 | 83.00 | 100.00 | | | N | |
| 471.0 | 474.0 | 98.00 | 100.00 | | | N | |
| 474.0 | 477.0 | 77.00 | 100.00 | | | N | |
| 477.0 | 480.0 | 98.00 | 100.00 | | | N | |
| 480.0 | 483.0 | 87.00 | 100.00 | | | N | |
| 483.0 | 486.0 | 93.00 | 100.00 | | | N | |
| 486.0 | 489.0 | 97.00 | 100.00 | | | N | |
| 489.0 | 492.0 | 95.00 | 100.00 | | | N | |
| 492.0 | 495.0 | 97.00 | 100.00 | | | N | |
| 495.0 | 498.0 | 98.00 | 100.00 | | | N | |
| 498.0 | 501.0 | 92.00 | 100.00 | | | N | |
| 501.0 | 504.0 | 100.00 | 100.00 | | | N | |
| 504.0 | 507.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC18-502

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 507.0 | 510.0 | 77.00 | 100.00 | | | N | |
| 510.0 | 513.0 | 100.00 | 100.00 | | | N | |

AGNICO EAGLE

# DRILL HOLE REPORT

EXPLORATION CANADA
ONTARIO

**Hole number:** KLUC18-503 **Project Number:** U_Canada **Project name:** Upper Canada

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Historic hole number:** | | **Collar survey:** | Y | **From:** | 0.0 | **Coordinates:** | P |
| **System:** | METRIC | **Verified:** | N | **To:** | 687.0 | **Grid:** | UTM83-17_CSRS-2010: |
| **Target:** | UC_UPPER_L_ZONE | **Gas:** | N | **Depth:** | 687.0 | **North:** | 5,332,809.21 |
| **No. Claim:** | PAT-18800 | **Multishot survey:** | Y | **Location:** | Surface | **East:** | 587,102.07 |
| **Year:** | 2 018 | **Is making water:** | N | **Core storage:** | Exploration Camp | **Elevation:** | 328.63 |
| **Date started:** | 2018-08-21 | **Object in hole:** | N | **Contractor:** | Asinii Drilling | **Collar dip:** | -63.58 |
| **Date logged:** | 2018-08-28 | **Pulse EM survey:** | N | **Logged by:** | Melanie Bouchard | **Collar azimuth:** | 163.15 |
| **Date completed:** | 2018-08-27 | **Plugged:** | N | **Signature:** | M.Oosterman | | |
| **Core size:** | NQ | **Cemented:** | N | | | | |
| **Hole type:** | EXP | **Branch:** | N | | | | |
| **Casing:** | Left in Hole, capped | **Reserve:** | N | | | | |
| **Logging status:** | Signed | | | | | | |
| **Rig number:** | 0102 | | | | | | |

**Additionnal sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Propsed hole: UCP18-032 (MSO-8), Drill Rig: 102, Stabilization: 2 hex core barrel and 18" shell, Targeting: MSO blocks between L zone and H zone.

## Assay average

| Average type | From | To | Length | Width | Zone | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Pb_ppm | Ni_ppm | As_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WEIGHTED | 355.0 | 357.4 | 2.4 | | | 0.514 | | | | | | |
| WEIGHTED | 395.5 | 398.5 | 3.0 | | | 0.793 | | | | | | |
| WEIGHTED | 427.5 | 429.0 | 1.5 | | | 1.845 | | | | | | |
| WEIGHTED | 427.5 | 429.0 | 1.5 | | | 1.845 | | | | | | |
| WEIGHTED | 489.0 | 492.6 | 3.6 | | | 0.873 | | | | | | |
| WEIGHTED | 500.2 | 502.7 | 2.5 | | | 3.992 | | | | | | |
| WEIGHTED | 501.5 | 504.0 | 2.5 | | | 3.519 | | | | | | |
| WEIGHTED | 508.0 | 509.9 | 1.9 | | | 1.677 | | | | | | |
| WEIGHTED | 511.1 | 513.8 | 2.7 | | | 2.442 | | | | | | |
| WEIGHTED | 619.0 | 620.5 | 1.5 | | | 2.220 | | | | | | |

## Survey data

| Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments | Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|

**Hole number: KLUC18-503**

**Survey data**

| Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 165.31 | -64.78 | G | | North Seaker Gyro |
| 0.0 | 163.15 | -63.58 | S | O | |
| 20.0 | 164.09 | -63.40 | G | O | North Seaker Gyro |
| 30.0 | 163.82 | -63.29 | G | O | North Seaker Gyro |
| 50.0 | 163.97 | -63.19 | G | O | North Seaker Gyro |
| 60.0 | 164.03 | -63.13 | G | O | North Seaker Gyro |
| 80.0 | 163.99 | -63.05 | G | O | North Seaker Gyro |
| 90.0 | 164.05 | -62.94 | G | O | North Seaker Gyro |
| 110.0 | 164.27 | -62.81 | G | O | North Seaker Gyro |
| 120.0 | 164.12 | -62.81 | G | O | North Seaker Gyro |
| 140.0 | 164.20 | -62.63 | G | O | North Seaker Gyro |
| 150.0 | 164.16 | -62.55 | G | O | North Seaker Gyro |
| 170.0 | 164.16 | -62.41 | G | O | North Seaker Gyro |
| 180.0 | 164.01 | -62.35 | G | O | North Seaker Gyro |
| 200.0 | 164.07 | -62.12 | G | O | North Seaker Gyro |
| 210.0 | 164.07 | -62.03 | G | O | North Seaker Gyro |
| 230.0 | 163.84 | -61.88 | G | O | North Seaker Gyro |
| 240.0 | 163.92 | -61.71 | G | O | North Seaker Gyro |
| 260.0 | 163.91 | -61.54 | G | O | North Seaker Gyro |
| 270.0 | 163.79 | -61.45 | G | O | North Seaker Gyro |
| 290.0 | 163.81 | -61.30 | G | O | North Seaker Gyro |
| 300.0 | 163.73 | -61.28 | G | O | North Seaker Gyro |
| 320.0 | 163.79 | -61.30 | G | O | North Seaker Gyro |
| 330.0 | 163.75 | -61.10 | G | O | North Seaker Gyro |
| 350.0 | 163.53 | -60.73 | G | O | North Seaker Gyro |
| 360.0 | 163.42 | -60.65 | G | O | North Seaker Gyro |
| 380.0 | 163.51 | -60.62 | G | O | North Seaker Gyro |
| 390.0 | 163.39 | -60.33 | G | O | North Seaker Gyro |
| 410.0 | 163.23 | -59.68 | G | O | North Seaker Gyro |
| 420.0 | 162.92 | -59.38 | G | O | North Seaker Gyro |
| 440.0 | 162.66 | -59.25 | G | O | North Seaker Gyro |
| 450.0 | 162.43 | -59.19 | G | O | North Seaker Gyro |

| Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 164.92 | -63.17 | NS | | North seeking aligner |
| 10.0 | 164.00 | -63.02 | G | O | North Seaker Gyro |
| 27.0 | 164.98 | -63.23 | DS | | Mag. 53383 |
| 40.0 | 163.83 | -63.25 | G | O | North Seaker Gyro |
| 57.0 | 165.37 | -63.12 | DS | | Mag. 52987 |
| 70.0 | 164.03 | -63.08 | G | O | North Seaker Gyro |
| 87.0 | 168.22 | -63.18 | DS | | Mag. 58083 |
| 100.0 | 164.05 | -62.87 | G | O | North Seaker Gyro |
| 117.0 | 164.02 | -62.90 | DS | | Mag. 54008 |
| 130.0 | 164.14 | -62.72 | G | O | North Seaker Gyro |
| 147.0 | 168.65 | -62.54 | DS | | Mag. 55540 |
| 160.0 | 164.15 | -62.53 | G | O | North Seaker Gyro |
| 177.0 | 167.58 | -62.39 | DS | | Mag. 55873 |
| 190.0 | 164.06 | -62.23 | G | O | North Seaker Gyro |
| 207.0 | 165.61 | -61.97 | DS | | Mag. 55282 |
| 220.0 | 164.17 | -61.88 | G | O | North Seaker Gyro |
| 237.0 | 165.83 | -61.65 | DS | | Mag. 54984 |
| 250.0 | 163.87 | -61.62 | G | O | North Seaker Gyro |
| 267.0 | 166.26 | -61.39 | DS | | Mag. 54507 |
| 280.0 | 163.84 | -61.38 | G | O | North Seaker Gyro |
| 297.0 | 165.03 | -61.30 | DS | | Mag.55197 |
| 310.0 | 163.76 | -61.22 | G | O | North Seaker Gyro |
| 327.0 | 169.39 | -61.09 | DS | | Mag. 42451 |
| 340.0 | 163.67 | -60.85 | G | O | North Seaker Gyro |
| 357.0 | 164.29 | -60.59 | DS | | Mag.55284 |
| 370.0 | 163.28 | -60.62 | G | O | North Seaker Gyro |
| 387.0 | 164.42 | -60.35 | DS | | Mag.55085 |
| 400.0 | 163.38 | -60.06 | G | O | North Seaker Gyro |
| 417.0 | 161.60 | -59.33 | DS | | Mag.54599 |
| 430.0 | 162.76 | -59.32 | G | O | North Seaker Gyro |
| 447.0 | 162.37 | -59.09 | DS | | Mag.54376 |
| 460.0 | 162.25 | -59.01 | G | O | North Seaker Gyro |

## Hole number: KLUC18-503

**Survey data**

| Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 470.0 | 162.10 | -58.79 | G | O | North Seaker Gyro |
| 480.0 | 161.86 | -58.56 | G | O | North Seaker Gyro |
| 500.0 | 161.88 | -58.28 | G | O | North Seaker Gyro |
| 510.0 | 162.22 | -58.01 | G | O | North Seaker Gyro |
| 530.0 | 163.02 | -57.94 | G | O | North Seaker Gyro |
| 540.0 | 163.32 | -57.96 | G | O | North Seaker Gyro |
| 560.0 | 163.71 | -57.68 | G | O | North Seaker Gyro |
| 570.0 | 164.01 | -57.50 | G | O | North Seaker Gyro |
| 590.0 | 164.39 | -56.77 | G | O | North Seaker Gyro |
| 600.0 | 164.35 | -56.64 | G | O | North Seaker Gyro |
| 620.0 | 164.55 | -56.25 | G | O | North Seaker Gyro |
| 630.0 | 164.94 | -55.49 | G | O | North Seaker Gyro |
| 650.0 | 165.98 | -50.87 | G | O | North Seaker Gyro |
| 660.0 | 166.20 | -50.39 | G | O | North Seaker Gyro |
| 687.0 | 171.32 | -49.34 | DS | O | Mag. 54661 |
| 477.0 | 165.02 | -58.49 | DS | | Mag.54382 |
| 490.0 | 161.82 | -58.33 | G | O | North Seaker Gyro |
| 507.0 | 163.45 | -57.97 | DS | | Mag.54164 |
| 520.0 | 162.64 | -57.89 | G | O | North Seaker Gyro |
| 537.0 | 164.48 | -58.03 | DS | | Mag.53683 |
| 550.0 | 163.48 | -57.84 | G | O | North Seaker Gyro |
| 567.0 | 165.94 | -57.42 | DS | | Mag.54240 |
| 580.0 | 164.26 | -57.13 | G | O | North Seaker Gyro |
| 597.0 | 167.69 | -56.65 | DS | | Mag.54662 |
| 610.0 | 164.39 | -56.52 | G | O | North Seaker Gyro |
| 627.0 | 168.58 | -55.74 | DS | | Mag.54654 |
| 640.0 | 166.14 | -52.61 | G | O | North Seaker Gyro |
| 657.0 | 167.70 | -50.57 | DS | | Mag. 54470; not sure if this test is correct?? |
| 670.0 | 166.23 | -49.94 | G | O | North Seaker Gyro |

| Certificate |
|---|
| A19-811 |
| A19-812 |
| TM18214103 |
| TM18214107 |
| TM18220794 |
| TM18226465 |
| TM18226470 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE550518-002 | Excaon1 | CAOND110299 - CAOND110500<br>CAOND111031 - CAOND111153<br>CAOND111165<br>CAOND111501 - CAOND111828 |
| CXE5505D18-004 | Excaon1 | CAOND111224 - CAOND111371<br>CAOND111952 - CAOND112406 |
| CXE5505R19-025 | Excaon1 | CAOND109014<br>CAOND109018<br>CAOND109034<br>CAOND109038<br>CAOND109053<br>CAOND109056<br>CAOND109067<br>CAOND109072<br>CAOND109211<br>CAOND109287<br>CAOND109291<br>CAOND109294 |

| Sample number | Standard |
|---|---|
| CAOND111615 | CDN-CM-24-AEM |
| CAOND111620 | BLANK-DB |
| CAOND111630 | CDN-GS-5U-AEM |
| CAOND111645 | CDN-CM-28-AEM |
| CAOND111660 | CDN-CM-24-AEM |
| CAOND111670 | BLANK-DB |
| CAOND111675 | CDN-GS-5U-AEM |
| CAOND111690 | CDN-CM-28-AEM |
| CAOND111715 | CDN-CM-24-AEM |
| CAOND111720 | BLANK-DB |
| CAOND111730 | CDN-GS-5U-AEM |
| CAOND111745 | CDN-CM-28-AEM |
| CAOND111760 | CDN-CM-24-AEM |
| CAOND111770 | BLANK-DB |

**Hole number:** KLUC18-503

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND109296 |
| | | CAOND109318 |
| | | CAOND109357 |
| | | CAOND109369 |
| | | CAOND109435 |
| | | CAOND109438 |
| | | CAOND109495 |
| | | CAOND109503 |
| | | CAOND109528 |
| | | CAOND109535 |
| | | CAOND109557 |
| | | CAOND109564 |
| | | CAOND109674 |
| | | CAOND109677 |
| | | CAOND109689 |
| | | CAOND109691 |
| | | CAOND109704 |
| | | CAOND109710 |
| | | CAOND109729 |
| | | CAOND109751 |
| | | CAOND109757 |
| | | CAOND109764 |
| | | CAOND109781 |
| | | CAOND109787 |
| | | CAOND109796 - CAOND109797 |
| | | CAOND109818 |
| | | CAOND109836 |
| | | CAOND109839 |
| | | CAOND109874 - CAOND109875 |
| | | CAOND109890 |
| | | CAOND109940 |
| | | CAOND109974 |
| | | CAOND109984 |
| | | CAOND110011 |
| | | CAOND110056 - CAOND110057 |
| | | CAOND110062 |
| | | CAOND110073 |
| | | CAOND110113 |
| | | CAOND110161 |
| | | CAOND110163 |
| | | CAOND110174 |
| | | CAOND110198 |
| | | CAOND110213 |

| Sample number | Standard |
|---|---|
| CAOND111775 | CDN-GS-5U-AEM |
| CAOND111790 | CDN-CM-28-AEM |
| CAOND111815 | CDN-CM-24-AEM |
| CAOND111820 | BLANK-DB |
| CAOND111830 | CDN-GS-5U-AEM |
| CAOND111845 | CDN-CM-28-AEM |
| CAOND111860 | CDN-CM-24-AEM |
| CAOND111870 | BLANK-DB |
| CAOND111875 | CDN-GS-5U-AEM |
| CAOND111890 | CDN-CM-28-AEM |
| CAOND111915 | CDN-CM-24-AEM |
| CAOND111920 | BLANK-DB |
| CAOND111930 | CDN-GS-5U-AEM |
| CAOND111945 | CDN-CM-28-AEM |
| CAOND111960 | CDN-CM-24-AEM |
| CAOND111970 | BLANK-DB |
| CAOND111975 | CDN-GS-5U-AEM |
| CAOND111990 | CDN-CM-28-AEM |
| CAOND112015 | CDN-CM-24-AEM |
| CAOND112020 | BLANK-DB |
| CAOND112030 | CDN-GS-5U-AEM |
| CAOND112045 | CDN-CM-28-AEM |
| CAOND112060 | CDN-CM-24-AEM |
| CAOND112070 | BLANK-DB |
| CAOND112075 | CDN-GS-5U-AEM |
| CAOND112090 | CDN-CM-28-AEM |
| CAOND112115 | CDN-CM-24-AEM |
| CAOND112120 | BLANK-DB |
| CAOND112130 | CDN-GS-5U-AEM |
| CAOND112145 | CDN-CM-28-AEM |

**Hole number:** KLUC18-503

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND110236 |
| | | CAOND110240 |
| | | CAOND110249 |
| | | CAOND110261 |
| | | CAOND110270 |
| | | CAOND110322 |
| | | CAOND110328 |
| | | CAOND110340 |
| | | CAOND110355 |
| | | CAOND110362 |
| | | CAOND110379 |
| | | CAOND110382 - CAOND110383 |
| | | CAOND110398 |
| | | CAOND110434 |
| | | CAOND110438 |
| | | CAOND110441 |
| | | CAOND110443 |
| | | CAOND110468 |
| | | CAOND110496 |
| | | CAOND110502 |
| | | CAOND110514 |
| | | CAOND110523 |
| | | CAOND110539 |
| | | CAOND110544 |
| | | CAOND110552 |
| | | CAOND110572 |
| | | CAOND110593 - CAOND110595 |
| | | CAOND110603 |
| | | CAOND110633 |
| | | CAOND110664 - CAOND110665 |
| | | CAOND110683 |
| | | CAOND110694 |
| | | CAOND110710 |
| | | CAOND110712 - CAOND110713 |
| | | CAOND110808 |
| | | CAOND110813 |
| | | CAOND110837 |
| | | CAOND110871 |
| | | CAOND110885 |
| | | CAOND110948 |
| | | CAOND110951 |
| | | CAOND110956 |
| | | CAOND110978 |

**Hole number:** KLUC18-503

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND111098 |
| | | CAOND111129 |
| | | CAOND111178 |
| | | CAOND111262 |
| | | CAOND111277 |
| | | CAOND111286 |
| | | CAOND111385 |
| | | CAOND111446 |
| | | CAOND111448 |
| | | CAOND111455 |
| | | CAOND111481 |
| | | CAOND111513 |
| | | CAOND111529 |
| | | CAOND111558 |
| | | CAOND111606 |
| | | CAOND111629 |
| | | CAOND111634 |
| | | CAOND111673 |
| | | CAOND111686 |
| | | CAOND111690 |
| | | CAOND111709 |
| | | CAOND111734 |
| | | CAOND111747 |
| | | CAOND111752 |
| | | CAOND111763 |
| | | CAOND111774 |
| | | CAOND111794 |
| | | CAOND111806 |
| | | CAOND111838 |
| | | CAOND111842 |
| | | CAOND111876 |
| | | CAOND111878 |
| | | CAOND111881 |
| | | CAOND111889 |
| | | CAOND111913 |
| | | CAOND111954 |
| | | CAOND111988 |
| | | CAOND112048 |
| | | CAOND112084 |
| | | CAOND112097 |
| | | CAOND112123 |
| | | CAOND112128 |
| | | CAOND112154 |

**Hole number:** KLUC18-503

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND112187 |
| | | CAOND112214 |
| | | CAOND112218 |
| | | CAOND112223 - CAOND112224 |
| | | CAOND112263 |
| | | CAOND112286 |
| | | CAOND112309 |
| | | CAOND112410 |
| | | CAOND112434 |
| | | CAOND112474 |
| | | CAOND112485 |
| | | CAOND112505 |
| | | CAOND112513 |
| | | CAOND112537 |
| | | CAOND112559 |
| | | CAOND112584 |
| | | CAOND112606 |
| | | CAOND112632 |
| | | CAOND112676 |
| | | CAOND112704 |
| | | CAOND112757 |
| | | CAOND112789 |
| | | CAOND112794 |
| | | CAOND112798 |
| | | CAOND112811 - CAOND112812 |
| | | CAOND112832 |
| | | CAOND112837 |
| | | CAOND112846 |
| | | CAOND112855 |
| | | CAOND112865 |
| | | CAOND112917 |
| | | CAOND112937 |
| | | CAOND112957 |
| | | CAOND112971 |
| | | CAOND113672 |
| | | CAOND113777 |
| | | CAOND113779 |
| | | CAOND113781 |
| | | CAOND113789 |
| | | CAOND114014 |
| | | CAOND114020 |
| | | CAOND114187 |
| | | CAOND114221 |

**Hole number:** KLUC18-503

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND114264 |
| | | CAOND114276 |
| | | CAOND115912 |
| | | CAOND115926 |
| | | CAOND115942 |
| | | CAOND115959 |
| | | CAOND115962 |
| | | CAOND115999 |
| | | CAOND116503 |
| | | CAOND116522 |
| | | CAOND116533 |
| | | CAOND116542 |
| | | CAOND116618 |
| | | CAOND116620 |
| | | CAOND116633 |
| | | CAOND116642 |
| | | CAOND116658 |
| | | CAOND116660 |
| | | CAOND116673 |

*The sample list may content samples from other holes

**Major:** **From:** 0.00 **To:** 17.70 OVB, Overburden

Overburden / casing

**Major:** **From:** 17.70 **To:** 24.30 I2Dm, Mafic Syenite

Composition: Medium pinkish brown and medium green, medium grained; I2Dm - Mafic syenite Magnetism: Moderately magnetic Veinning: Less than 1% irregular pink and white calcite veins. 10% white and pale grey qtz-cal-chl veinning approx. 1cm thick, parallel to deformation and occuring in sheared interval Structure: Dominantly undeformed to weakly deformed. 21.5-24.5m = strong shearing and deformation at 20-30 TCA Alteration: Weak to moderate pervasive chlorite alteration and moderate spotted calcite alteration. Moderate to strong patchy chlorite, moderate patchy sericite, and local patchy iron stainning within the sheared interval Mineralization: 1-2% fine grained disseminated Py mineralization in sheared interval Lower Contact: Sharp; oriented at 40 TCA 17.7-20.8m; medium pinkish brown colour, grungy and pitted 20.8-21.5m; medium green colour, fine grained relatively massive, unpitted and undeformed 21.5-24.3m; strong shearing, and increase in alteration intensity and veinning

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

21.50 - 24.30: PYR, DIS, 1.00, -, FGR, 1-2% fine grained dissemianted Py mineralization

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

21.50 - 24.30: CAL+, SPO, MOD, -, -, Moderate spotted calcite alteration occuring in moderate to

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111594 | 17.7 | 19.0 | 1.3 | 0.021 | | | | |
| CAOND111595 | 19.0 | 20.0 | 1.0 | 0.028 | | | | |
| CAOND111596 | 20.0 | 21.5 | 1.5 | 0.052 | | | | |
| CAOND111597 | 21.5 | 23.0 | 1.5 | 0.009 | | | | |
| CAOND111598 | 23.0 | 24.3 | 1.3 | 0.010 | | | | |

**Hole number:** KLUC18-503

strongly sheared interval
21.50 - 24.30: CHL+, PAT, MOD, -, -, Moderate to strong chlorite alteration in moderate to strongly sheared interval
21.50 - 24.30: SER+, PAT, MOD, -, -, Moderate patchy sericite alteration occuring in moderate to strongly sheared interval

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
21.50 - 24.30: DFZ, 20.00, MOD, Moderate to strong shearing oriented at 20-30 TCA; defined by the loss of primary textures, increase in alteration intensity, increase in veinning and parallel alignment of chlorite and veins
24.20 - 24.30: CCT, 40.00, -, Sharp lower contact at 40 TCA

**VEIN**
TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS
21.70 - 24.30: QTZ, 10.00, -, -, -, GRY_00025, PYR, 1.00, 10% 1cm thick, white to pale grey, deformed qtz-cal veinning parallel to deformation

**Major:** **From:** 24.30 **To:** 38.10 I2D, Syénite

Composition: Dark purplish red with patches of orangish brown, massive, weakly porphyritic, fine to medium grained; I2D - Syenite Magnetism: Moderately magnetic Veinning: less than 1% pale grey, mm scale qtz-cal veinning Structure: No significant structures, moderate chl-cal healed microfracturing Alteration: Weak stringers of chlorite and moderate spotted calcite alteration Mineralization: 1-2% v.f.gr. Py mineralization Lower Contact: Sharp; oriented at 40 TCA 26.5-27m; minor interval of mafic syenite? paler and medium green colour with relatively sharp contacts

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
38.00 - 38.10: CCT, 40.00, -, Sharp lower contact at 40 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111599 | 24.3 | 25.5 | 1.2 | 0.011 | | | | |
| CAOND111601 | 25.5 | 26.5 | 1.0 | 0.003 | | | | |
| CAOND111602 | 26.5 | 27.0 | 0.5 | 0.019 | | | | |
| CAOND111603 | 27.0 | 28.0 | 1.0 | 0.003 | | | | |
| CAOND111604 | 28.0 | 29.5 | 1.5 | 0.003 | | | | |
| CAOND111605 | 29.5 | 31.0 | 1.5 | 0.014 | | | | |
| CAOND111606 | 31.0 | 32.5 | 1.5 | 0.007 | | | | |
| CAOND111607 | 32.5 | 34.0 | 1.5 | 0.008 | | | | |
| CAOND111608 | 34.0 | 35.0 | 1.0 | 0.098 | | | | |
| CAOND111609 | 35.0 | 36.5 | 1.5 | 0.019 | | | | |
| CAOND111610 | 36.5 | 37.2 | 0.7 | 0.011 | | | | |
| CAOND111611 | 37.2 | 38.1 | 0.9 | 0.006 | | | | |

**Major:** **From:** 38.10 **To:** 61.80 I2Dm, Mafic Syenite

Composition: Dominantly dark grey with patches of pale to medium pinkish grey, gungy and clastic appearance, moderate to strongly pitted and vuggy; I2Dm - Mafic syenite Magnetism: Moderately magnetic Veinning: 1% mm scale chaotic qtz-cal veinning Structure: Weakly deformation and preferential alignment of pinkish patches Alteration: Moderate pervasive chlorite alteration, moderate spotted calcite alteration Mineralization: Rare to trace fgr. diss. Py mineralization and clusters of specular hematite occuring in fracutres Lower Contact: Sharp; oriented at 50 TCA

**TEXTURE**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111612 | 38.1 | 39.5 | 1.4 | 0.009 | | | | |
| CAOND111613 | 39.5 | 41.0 | 1.5 | 0.087 | | | | |
| CAOND111614 | 41.0 | 42.5 | 1.5 | 0.045 | | | | |
| CAOND111616 | 42.5 | 44.0 | 1.5 | 0.184 | | | | |
| CAOND111617 | 44.0 | 45.5 | 1.5 | 0.056 | | | | |

## Hole number: KLUC18-503

TYPE/GRAIN_SIZE/COMMENTS
38.10 - 61.80: VUG, -, Moderate mm scale pits and vugs occuring in a gungy mafic syenite

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
61.70 - 61.80: CCT, 50.00, -, Sharp lower contact at 50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111618 | 45.5 | 47.0 | 1.5 | 0.039 | | | | |
| CAOND111619 | 47.0 | 48.5 | 1.5 | 0.016 | | | | |
| CAOND111621 | 48.5 | 50.0 | 1.5 | 0.043 | | | | |
| CAOND111622 | 50.0 | 51.5 | 1.5 | 0.017 | | | | |
| CAOND111623 | 51.5 | 53.0 | 1.5 | 0.012 | | | | |
| CAOND111624 | 53.0 | 54.5 | 1.5 | 0.079 | | | | |
| CAOND111626 | 54.5 | 56.0 | 1.5 | 0.048 | | | | |
| CAOND111627 | 56.0 | 57.5 | 1.5 | 0.041 | | | | |
| CAOND111628 | 57.5 | 59.0 | 1.5 | 0.071 | | | | |
| CAOND111629 | 59.0 | 60.5 | 1.5 | 0.019 | | | | |
| CAOND111631 | 60.5 | 61.8 | 1.3 | 0.010 | | | | |

**Major:** **From:** 61.80 **To:** 66.10 I3, Roches intrusives mafiques

Composition: Dark green fine grained matrix with chaotic white spotted and stringers of calcite throughout Magnetism: Moderately magnetic Veinning: Chaotic calcite veinlets Structure: Weak foliation oriented at 40-50 TCA Alteration: Moderate pervasive chlorite alteration and moderate spotted and stringers of white caclite Mineralization: No mineralization observed Lower Contact: Sharp; oriented at 55 TCA

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
66.00 - 66.10: CCT, 55.00, -, Sharp lower contact at 55 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111632 | 61.8 | 63.0 | 1.2 | 0.044 | | | | |
| CAOND111633 | 63.0 | 64.5 | 1.5 | 0.010 | | | | |
| CAOND111634 | 64.5 | 66.0 | 1.5 | 0.008 | | | | |
| CAOND111635 | 66.0 | 67.5 | 1.5 | 0.072 | | | | |

**Major:** **From:** 66.10 **To:** 81.70 I2Dm, Mafic Syenite

Composition: Dominantly dark grey with patches of pale to medium pinkish grey and medium pinkish brown, gungy and clastic appearance, moderate to strongly pitted and vuggy; I2Dm - Mafic syenite Magnetism: Moderate to strongly magnetic Veinning: 5-10% mm scale chaotic calcite veinning, less than 1% chaotic qtz-cal veinlets Structure: Chaotic deformation with local weak preferential alignment Alteration: Moderate patchy, stringers and pervasive chlorite alteration, Moderate spotted and patchy calcite alteration Mineralization: Rare to trace fgr. diss. Py mineralization Lower Contact: Sharp; oriented at 50 TCA

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
81.60 - 81.70: CCT, 50.00, -, Sharp lower contact at 50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111636 | 67.5 | 69.0 | 1.5 | 0.115 | | | | |
| CAOND111637 | 69.0 | 70.5 | 1.5 | 0.078 | | | | |
| CAOND111638 | 70.5 | 72.0 | 1.5 | 0.204 | | | | |
| CAOND111639 | 72.0 | 73.5 | 1.5 | 0.087 | | | | |
| CAOND111640 | 73.5 | 75.0 | 1.5 | 0.066 | | | | |
| CAOND111641 | 75.0 | 76.5 | 1.5 | 0.066 | | | | |
| CAOND111642 | 76.5 | 78.0 | 1.5 | 0.032 | | | | |
| CAOND111643 | 78.0 | 79.5 | 1.5 | 0.044 | | | | |
| CAOND111644 | 79.5 | 80.5 | 1.0 | 0.034 | | | | |
| CAOND111646 | 80.5 | 81.7 | 1.2 | 0.018 | | | | |

**Major:** **From:** 81.70 **To:** 88.10 I2D, Syénite

Composition: Medium pinkish brown and dark purplish red, medium grained, relatively massive but

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111647 | 81.7 | 82.9 | 1.2 | 0.072 | | | | |

## Hole number: KLUC18-503

locally weakly porphyritic`I2D - Syenite Magnetism: Moderate to weakly magnetic Veinning: 5% chaotic qtz-cal-chl veinning 1-5mm thick Structure: Pervasive network of choatic chlorite and calcite filled microfractures Alteration: Moderate chlorite alteration occuring in fractures and weak spotted calcite alteration Mineralization: Rare to trace v.f.gr. Py mineralization and 1% clustered Cp mineralization in qtz-cal-chl veinning Lower Contact: Sharp; oriented at 80 TCA

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

81.70 - 88.10: CPY, DIS, 1.00, -, MGR, 1% clustered Cp mineralization occuring in vuggy qtz-cal-chl veinning

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

88.00 - 88.10: CCT, 80.00, -, Sharp lower contact at 80 TCA; slightly wavy and irregular

**VEIN**

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS

82.90 - 84.70: QtzCalChl, 10.00, -, -, VUG, GRY_00025, CPY, 1.00, 10% chaotic, white to pale pink, qtz-cal-chl veinning, 1-5mm thick with clustered 1% Cp mineralization in veins; ; vuggy and pitted

86.60 - 88.10: QtzCalChl, 5.00, -, -, VUG, PNK2_BASIC, CPY, 1.00, 5% chaotic, pale pink, 1-2mm thick qtz-cal-chl veinning with 1% Cp mineralization; vuggy and pitted

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111648 | 82.9 | 83.9 | 1.0 | 0.030 | | | | |
| CAOND111649 | 83.9 | 84.7 | 0.8 | 0.099 | | | | |
| CAOND111651 | 84.7 | 85.5 | 0.8 | 0.046 | | | | |
| CAOND111652 | 85.5 | 86.6 | 1.1 | 0.020 | | | | |
| CAOND111653 | 86.6 | 88.1 | 1.5 | 0.044 | | | | |

**Major:** **From:** 88.10 **To:** 96.90 I2Dm, Mafic Syenite

Composition: Dominantly dark green to dark grey with pale grey and medium pinkish grey patches, clasts? and chaotic appearance; I2Dm - Mafic syenite Magnetism: Moderately magnetic Veinning: Chaotic calcite veinlets throughout Structure: Weak prefential alignment oriented at 30 TCA Alteration: Weak to moderate patchy chlorite alteration and moderate patchy calcite alteration Mineralization: Rare to trace v.f.gr. Py mineralization Lower Contact: Sharp; oriented at 50 TCA

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

88.10 - 96.90: FOL, 30.00, -, Moderate deformation but weak preferential alignment at 30 TCA

96.80 - 96.90: CCT, 50.00, -, Sharp lower contact at 50 TCA

**VEIN**

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS

88.10 - 88.20: QtzCalChl, 5.00, -, -, VUG, PNK2_BASIC, CPY, 1.00, 5% chaotic, pale pink, 1-2mm thick qtz-cal-chl veinning with 1% Cp mineralization; vuggy and pitted

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111654 | 88.1 | 89.5 | 1.4 | 0.042 | | | | |
| CAOND111655 | 89.5 | 91.0 | 1.5 | 0.036 | | | | |
| CAOND111656 | 91.0 | 92.5 | 1.5 | 0.041 | | | | |
| CAOND111657 | 92.5 | 94.0 | 1.5 | 0.056 | | | | |
| CAOND111658 | 94.0 | 95.5 | 1.5 | 0.064 | | | | |
| CAOND111659 | 95.5 | 96.9 | 1.4 | 0.055 | | | | |

**Major:** **From:** 96.90 **To:** 111.90 I2D, Syénite

Composition: Medium pinkish to orangish brown and dark purplish red, fine to medium grained, relatively massive but locally weak to moderately porphyritic with 1-2mm sized subrounded phenocrysts; I2D - Syenite Magnetism: Weakly magnetic Veinning: 10% chaotic, vuggy qtz-cal-chl veinning 1-5mm thick Structure: Pervasive network of choatic chlorite and calcite filled microfractures Alteration: Moderate chlorite alteration occuring in fractures and weak spotted calcite alteration Mineralization: Rare to trace

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111661 | 96.9 | 98.0 | 1.1 | 0.190 | | | | |
| CAOND111662 | 98.0 | 98.7 | 0.7 | 0.374 | | | | |
| CAOND111663 | 98.7 | 99.3 | 0.6 | 0.155 | | | | |

**Hole number:** KLUC18-503

v.f.gr. Py mineralization and 1% clustered Cp mineralization in qtz-cal-chl veinning Lower Contact: Sharp; oriented at 30 TCA

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

96.90 - 111.00: CPY, DIS, 1.00, -, MGR, 1% clustered Cp mineralization occuring in vuggy qtz-cal-chl veinning

**VEIN**

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS

98.80 - 99.10: QtzCalChl, 5.00, -, -, VUG, PNK2_BASIC, CPY, 3.00, 1x 1cm thick, pale pink irregular qtz-cal-chl vein with 3% clustered Cp

103.80 - 106.80: QtzCal, 5.00, -, -, VUG, PNK2_BASIC, CPY, 1.00, 5% chaotic, pale grey and pale pink, 1-2 cm thick qtz-cal veinning with 1% Cp mineralization; vuggy and pitted

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111664 | 99.3 | 100.5 | 1.2 | 0.170 | | | | |
| CAOND111665 | 100.5 | 102.0 | 1.5 | 0.157 | | | | |
| CAOND111666 | 102.0 | 103.0 | 1.0 | 0.110 | | | | |
| CAOND111667 | 103.0 | 103.8 | 0.8 | 0.096 | | | | |
| CAOND111668 | 103.8 | 105.0 | 1.2 | 0.057 | | | | |
| CAOND111669 | 105.0 | 106.0 | 1.0 | 0.019 | | | | |
| CAOND111671 | 106.0 | 106.8 | 0.8 | 0.033 | | | | |
| CAOND111672 | 106.8 | 108.0 | 1.2 | 0.048 | | | | |
| CAOND111673 | 108.0 | 109.5 | 1.5 | 0.110 | | | | |
| CAOND111674 | 109.5 | 111.0 | 1.5 | 0.049 | | | | |
| CAOND111676 | 111.0 | 111.9 | 0.9 | 0.021 | | | | |

**Major:** **From:** 111.90 **To:** 120.40 I2Dm, Mafic Syenite

Composition: Dark green to grey, fine grained and massive with 40-50% white to pale grey spots and mm scale patches; I2Dm - Mafic syenite Magnetism: Strongly magnetic Veinning: Chaotic calcite veinlets Structure: Weak preferential alignment of calcite veinlets Alteration: Moderate pervasive chlorite alteration and moderate spotted calcite Mineralization: Rare very fine grained Py mineralization Lower Contact: Sharp; oriented at 60 TCA Minor units: 115.7-117.4m; syenite intrusion with 15% calcite veinning 118.7-119.9m; syenite intrusion

**MINOR INTERVAL**

115.70 - 117.40: I2DComposition: Medium to dark pinkish brown and dark purplish pink, medium grained; I2D - Syenite Magnetism: weakly magnetic Veinning: 15% chaotic pale orangish pink, pitted and vuggy calcite veinning Structure: Pervasive network of choatic chlorite and calcite filled microfractures Alteration: Moderate chlorite alteration occuring in fractures and weak spotted calcite alteration Mineralization: 1-2% very fine grained disseminated Py mineralization occuring at contacts of the calcite veinning Contacts: Sharp; upper contact oriented at 60 TCA and lower at 20 TCA

**MINOR INTERVAL**

118.70 - 119.90: I2DComposition: Medium pinkish brown, fine grained, massive; I2D - Syenite Magnetism: Moderately magnetic Veinning: Less than 1% mm scale calcite veinlets Structure: Weakly deformed Alteration: WEak chlorite alteration occuring in fractures and weak spotted calcite alteration Mineralization: Rare to trace very fine grained Py mineralization Contacts: Sharp; upper contact oriented at 40 TCA and lower at 20 TCA (occuring over 20cm)

**VEIN**

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS

115.70 - 117.40: CAL, 15.00, -, -, VUG, PNK2_BASIC, PYR, 1.00, 15% chaotic medium orangish pink, vuggy calcite veins with 1-2% v.f.gr. disseminated Py mineralization at contacts of veins

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111677 | 111.9 | 113.0 | 1.1 | 0.252 | | | | |
| CAOND111678 | 113.0 | 114.5 | 1.5 | 0.018 | | | | |
| CAOND111679 | 114.5 | 115.7 | 1.2 | 0.023 | | | | |
| CAOND111681 | 115.7 | 116.4 | 0.7 | 0.012 | | | | |
| CAOND111682 | 116.4 | 117.4 | 1.0 | 0.109 | | | | |
| CAOND111683 | 117.4 | 118.0 | 0.6 | 0.042 | | | | |
| CAOND111684 | 118.0 | 118.7 | 0.7 | 0.008 | | | | |
| CAOND111685 | 118.7 | 119.6 | 0.9 | 0.066 | | | | |
| CAOND111686 | 119.6 | 120.4 | 0.8 | 0.021 | | | | |

## Hole number: KLUC18-503

**Major:** **From:** 120.40 **To:** 134.80 I2D, Syénite

Composition: Medium pinkish to orangish brown and dark purplish red, fine to medium grained, relatively massive with minor weakly porphyritc intervals with 1-2% subrounded 1-2mm sized phenocrysts; I2D - Syenite Magnetism: Moderately magnetic Veinning: 5% chaotic, pale orangish pink, vuggy calcite veinning 1-5mm thick with minor qtz-cal veinning Structure: Pervasive network of choatic chlorite and calcite filled microfractures Alteration: Moderate chlorite alteration occuring in fractures and weak spotted calcite alteration Mineralization: Trace to 1% v.f.gr. Py mineralization Lower Contact: Sharp; oriented at 30 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111687 | 120.4 | 121.5 | 1.1 | 0.036 | | | | |
| CAOND111688 | 121.5 | 123.0 | 1.5 | 0.031 | | | | |
| CAOND111689 | 123.0 | 124.5 | 1.5 | 0.021 | | | | |
| CAOND111691 | 124.5 | 126.0 | 1.5 | 0.009 | | | | |
| CAOND111692 | 126.0 | 127.5 | 1.5 | 0.011 | | | | |
| CAOND111693 | 127.5 | 129.0 | 1.5 | 0.043 | | | | |
| CAOND111694 | 129.0 | 130.5 | 1.5 | 0.023 | | | | |
| CAOND111695 | 130.5 | 132.0 | 1.5 | 0.025 | | | | |
| CAOND111696 | 132.0 | 133.5 | 1.5 | 0.038 | | | | |
| CAOND111697 | 133.5 | 134.8 | 1.3 | 0.017 | | | | |

**Major:** **From:** 134.80 **To:** 143.70 I2Dm, Mafic Syenite

Composition: Dark green to grey, fine grained and massive with 40-50% white to pale grey spots and patches; I2Dm - Mafic syenite Magnetism: Moderately magnetic Veinning: Chaotic white calcite veinlets Structure: Weak preferential alignment of calcite veinlets at 30-40 TCA Alteration: Moderate pervasive chlorite alteration and moderate spotted calcite Mineralization: Rare very fine grained Py mineralization Lower Contact: Sharp and wavy; oriented at 80 TCA Minor units: 141-141.7m; syenite intrusion 142.3-143.7m; syenite intrusion

**MINOR INTERVAL**

141.00 - 141.70: I2DComposition: Medium to dark pinkish brown and dark purplish pink, medium grained; I2D - Syenite Magnetism: Moderately magnetic Veinning: 10% chaotic, porous and vuggy pale orangish pink and dark green calcite-chlorite veinning Structure: Pervasive network of choatic chlorite and calcite filled microfractures Alteration: Moderate chlorite alteration occuring in fractures and weak spotted calcite alteration Mineralization: 2-3% very fine grained Cp mineralization occuring in veins Contacts: Sharp; oriented at 20-30 TCA

**MINOR INTERVAL**

141.70 - 143.70: I2DComposition: Dark purplish red, fine grained, massive; I2D - Syenite Magnetism: Moderately magnetic Veinning: Less than 1% chaotic, porous and vuggy pale orangish pink calcite veinning Structure: Pervasive network of choatic chlorite and calcite filled microfractures Alteration: Moderate chlorite alteration occuring in fractures and weak spotted calcite alteration Mineralization: 3-5% very fine grained Cp mineralization occuring in microfractures Contacts: Sharp; upper contact at 25 TCA and lower contact is wavy and at 80 TCA

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

136.00 - 143.70: FRA, -, WEAK, numerous 10-20cm thick of weak to moderate fracturing

**VEIN**

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS

141.00 - 141.70: CalChl, 10.00, -, -, VUG, PNK2_BASIC, CPY, 2.00, 10% chaotic pale orangish pink and

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111698 | 134.8 | 136.0 | 1.2 | 0.017 | | | | |
| CAOND111699 | 136.0 | 137.5 | 1.5 | 0.005 | | | | |
| CAOND111701 | 137.5 | 139.0 | 1.5 | 0.011 | | | | |
| CAOND111702 | 139.0 | 140.0 | 1.0 | 0.019 | | | | |
| CAOND111703 | 140.0 | 141.0 | 1.0 | 0.013 | | | | |
| CAOND111704 | 141.0 | 141.7 | 0.7 | 0.033 | | | | |
| CAOND111705 | 141.7 | 142.3 | 0.6 | 0.038 | | | | |
| CAOND111706 | 142.3 | 143.7 | 1.4 | 0.024 | | | | |

**Hole number:** KLUC18-503

dark green cal-chl veinning with 2-3% f.gr. Cp mineralization

**Major:** **From:** 143.70 **To:** 151.20 V8, Trachyte

Composition: Dark reddish brown, dark green, dark grey brown, moderate to strongly deformed; V8 -Trachyte?? Magnetism: Moderately magnetic Veinning: Chaotic calcite veinlets Structure: Moderate to strongly deformed at 40-50TCA Alteration: Moderate pervasive chlorite alteration and moderate patchy pink and white calcite alteration Mineralization: Rare to trace v.f.gr. Py mineralization Lower Contact: Sharp but fractured at contact Minor units: 150.4-151.2m; medium green, strongly deformed trachyte tuff

**MINOR INTERVAL**

150.40 - 151.20: V8tComposition: Pale pink beige and medium green, strongly deformed; V8t - Trachyte tuff Magnetism: Weakly magnetic Veinning: No significant veinning Structure: Strong deformation oriented at 20 TCA Alteration: Moderate patchy chlorite and calcite alteration Mineralization: None observed Contacts: Upper contact sharp and oriented at 20 TCA, lower contact sharp but fractured

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

143.70 - 151.20: FRA, -, WEAK, numerous 10-20cm thick of weak to moderate fracturing

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111707 | 143.7 | 145.0 | 1.3 | 0.042 | | | | |
| CAOND111708 | 145.0 | 146.5 | 1.5 | 0.017 | | | | |
| CAOND111709 | 146.5 | 148.0 | 1.5 | 0.012 | | | | |
| CAOND111710 | 148.0 | 149.0 | 1.0 | 0.039 | | | | |
| CAOND111711 | 149.0 | 150.4 | 1.4 | 0.026 | | | | |
| CAOND111712 | 150.4 | 151.2 | 0.8 | 0.003 | | | | |

**Major:** **From:** 151.20 **To:** 199.90 I2Dm, Mafic Syenite

Composition: Medium to dark green matrix with medium pink and medium pinkish brown patches; I2Dm - Mafic syenite Magnetism: Moderate magnetism Veinning: 2-3% 0.5-1cm thick chaotic white and pink calcite veins Structure: Moderately deformed at no prefered orientation Alteration: Moderate pervasive chlorite and patchy moderate calcite alteration Mineralization: 1% very fine grained disseminated Py mineralization, 1% clusters of Cp mineralization locally Lower Contact: Sharp

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

160.00 - 160.50: CPY, DIS, 2.00, -, MGR, 2% clustered CP mineralization

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

151.20 - 166.00: FRA, -, WEAK, numerous 10-20cm thick of weak to moderate fracturing

155.80 - 156.00: FGO, -, -, 20cm thick interval of strongly fractured rock and possible fault gouge

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111713 | 151.2 | 152.5 | 1.3 | 0.030 | | | | |
| CAOND111714 | 152.5 | 154.0 | 1.5 | 0.009 | | | | |
| CAOND111716 | 154.0 | 155.5 | 1.5 | 0.009 | | | | |
| CAOND111717 | 155.5 | 157.0 | 1.5 | 0.044 | | | | |
| CAOND111718 | 157.0 | 158.5 | 1.5 | 0.010 | | | | |
| CAOND111719 | 158.5 | 160.0 | 1.5 | 0.008 | | | | |
| CAOND111721 | 160.0 | 161.5 | 1.5 | 0.097 | | | | |
| CAOND111722 | 161.5 | 163.0 | 1.5 | 0.049 | | | | |
| CAOND111723 | 163.0 | 164.5 | 1.5 | 0.034 | | | | |
| CAOND111724 | 164.5 | 166.0 | 1.5 | 0.023 | | | | |
| CAOND111726 | 166.0 | 167.5 | 1.5 | 0.066 | | | | |
| CAOND111727 | 167.5 | 169.0 | 1.5 | 0.043 | | | | |
| CAOND111728 | 169.0 | 170.5 | 1.5 | 0.028 | | | | |
| CAOND111729 | 170.5 | 172.0 | 1.5 | 0.052 | | | | |
| CAOND111731 | 172.0 | 173.5 | 1.5 | 0.186 | | | | |
| CAOND111732 | 173.5 | 175.0 | 1.5 | 0.043 | | | | |
| CAOND111733 | 175.0 | 176.5 | 1.5 | 0.051 | | | | |

**Hole number:** KLUC18-503

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111734 | 176.5 | 178.0 | 1.5 | 0.043 | | | | |
| CAOND111735 | 178.0 | 179.5 | 1.5 | 0.022 | | | | |
| CAOND111736 | 179.5 | 181.0 | 1.5 | 0.035 | | | | |
| CAOND111737 | 181.0 | 182.5 | 1.5 | 0.013 | | | | |
| CAOND111738 | 182.5 | 184.0 | 1.5 | 0.026 | | | | |
| CAOND111739 | 184.0 | 185.5 | 1.5 | 0.021 | | | | |
| CAOND111740 | 185.5 | 187.0 | 1.5 | 0.035 | | | | |
| CAOND111741 | 187.0 | 188.5 | 1.5 | 0.099 | | | | |
| CAOND111742 | 188.5 | 190.0 | 1.5 | 0.027 | | | | |
| CAOND111743 | 190.0 | 191.5 | 1.5 | 0.009 | | | | |
| CAOND111744 | 191.5 | 193.0 | 1.5 | 0.026 | | | | |
| CAOND111746 | 193.0 | 194.5 | 1.5 | 0.059 | | | | |
| CAOND111747 | 194.5 | 196.0 | 1.5 | 0.018 | | | | |
| CAOND111748 | 196.0 | 197.5 | 1.5 | 0.019 | | | | |
| CAOND111749 | 197.5 | 199.0 | 1.5 | 0.029 | | | | |
| CAOND111751 | 199.0 | 199.9 | 0.9 | 0.208 | | | | |

**Major:** **From:** 199.90 **To:** 208.10 I2D, Syénite

Composition: Medium orangish red and medium reddish brown, fine to medium grained, relatively massive; I2D - Syenite Magnetism: Weakly to non-magnetic Veinning: 5% chaotic 1-2cm thick white and orangish, vuggy qtz-cal veinning Structure: Pervasive network of choatic chlorite and calcite filled microfractures Alteration: Moderate chlorite alteration occuring in fractures and weak spotted calcite alteration Mineralization: 5-10% clustered Cp mineralization occuring in vuggy qtz-cal veins Lower Contact: Gradational

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

199.90 - 208.10: CPY, BBY, 5.00, -, -, 5-10% clustered Cp mineralization occuring in vuggy qtz-cal veins

**VEIN**

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS

199.90 - 208.10: QtzCal, 5.00, -, -, VUG, PNK2_BASIC, CPY, 5.00, 5% chaotic, vuggy, white and orangish pink qtz-cal veinning with 5-10% clustered Cp mineralization in veins

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111752 | 199.9 | 201.0 | 1.1 | 0.044 | | | | |
| CAOND111753 | 201.0 | 202.5 | 1.5 | 0.055 | | | | |
| CAOND111754 | 202.5 | 204.0 | 1.5 | 0.184 | | | | |
| CAOND111755 | 204.0 | 205.5 | 1.5 | 0.147 | | | | |
| CAOND111756 | 205.5 | 207.0 | 1.5 | 0.055 | | | | |
| CAOND111757 | 207.0 | 208.1 | 1.1 | 0.023 | | | | |

**Major:** **From:** 208.10 **To:** 334.50 I2Dm, Mafic Syenite

Composition: Dominantly medium to dark purplish red with medium to dark green intervals, clastic? and patchy appearance; I2Dm - Mafic syenite Magnetism: Moderate magnetism Veinning: 1-2% chaotic

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111758 | 208.1 | 209.5 | 1.4 | 0.040 | | | | |
| CAOND111759 | 209.5 | 211.0 | 1.5 | 0.034 | | | | |

**Hole number: KLUC18-503**

white and pink calcite veins with minor 20cm intervals containning 10-20% white qtz-cal veinning Structure: Moderately deformed with moderate preferential alignment at 30-40 TCA Alteration: Moderate pervasive chlorite and patchy weak calcite alteration Mineralization: 1% very fine grained disseminated Py mineralization, 1% clusters of Cp mineralization locally occuring in calcite veinlets Lower Contact: 229-238m; Colour, textures, alteration and overall appearance of the unit is beginning to change. There is a gradual increase in the abundance of microfracturing and chaotic discontinuous lenses of calcite? The pinkish colour is change to a dark grey to purplish brown. 304-312m; irregular stringers of calcite? and Epidote? alteration occuring in clusters of mm scale mircofractures over 10-20 cm. Minor 5-10cm thick patches? that appear porphyritic

**MINOR INTERVAL**

256.90 - 257.80: I2DpComposition: Dark purplish red, fine grained matrix with 10% 2-5mm sized, subrounded waxy phenocrysts; I2Dp - Porphyritic syenite Magnetism: Moderately magnetic Veinning: Chaotic vuggy calcite Structure: Weakly deformed Alteration: Weak calcite Mineralization: None observed Contacts: Upper contact sharp and at 40 TCA and lower contact sharp and slightly wavy at 80 TCA

**MINOR INTERVAL**

272.85 - 273.00: CNR25cm of grinding?

**MINOR INTERVAL**

280.70 - 283.70: I2DComposition: Medium pink, fine grained, massive; I2D - Syenite Magnetism: Moderately magnetic Veinning: 3mm thick qtz-cal vein Structure: Network of parallel but irregular microfractures and chlorite and calcite Alteration: Weak chlorite and moderate calcite alteration Mineralization: 1-2% very fine grained Py mineralization Contacts: Gradational

**MINOR INTERVAL**

316.00 - 322.00: I2DpComposition: Dark purplish red, fine grained matrix with 20-25% 2-5mm sized, subrounded waxy phenocrysts; I2Dp - Porphyritic syenite Magnetism: Moderately magnetic Veinning: 1-2% mm scale calcite, qtz-cal-chl veinning Structure: Weakly deformed and moderately fractured Alteration: Weak calcite Mineralization: None observed Contacts: Sharp but fractured at contacts

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

208.10 - 304.00: FOL, 40.00, MOD, Moderate deformation with a preferential alignmnet at 30-50 TCA
240.00 - 245.00: FRA, -, WEAK, Weak fracturing into 5-10cm thick pieces; dominantly parallel at 40-50 TCA
291.00 - 306.50: FRA, -, -, Weak to moderate fracutring over metres of intervals; dominantly parallel at 40-50 TCA and 5-10cm thick locally angular fractures 1-5cm thick
312.00 - 333.00: DFZ, -, MOD, Possible brittle deformation zone
312.00 - 333.00: FRA, -, MOD, Moderate pervasive fracturing, possible brittle deformation zone? fractured into 5-10cm thick pieces
333.00 - 334.50: FRA, -, WEAK, Weak to moderate fracturing into 5-10cm thick pieces
333.00 - 334.50: DFZ, -, WEAK, Weak to moderate brittle deformation zone

**VEIN**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111761 | 211.0 | 212.5 | 1.5 | 0.090 | | | | |
| CAOND111762 | 212.5 | 214.0 | 1.5 | 0.114 | | | | |
| CAOND111763 | 214.0 | 214.9 | 0.9 | 0.033 | | | | |
| CAOND111764 | 214.9 | 215.4 | 0.5 | 0.050 | | | | |
| CAOND111765 | 215.4 | 215.9 | 0.5 | 0.096 | | | | |
| CAOND111766 | 215.9 | 217.0 | 1.1 | 0.025 | | | | |
| CAOND111767 | 217.0 | 218.5 | 1.5 | 0.022 | | | | |
| CAOND111768 | 218.5 | 220.0 | 1.5 | 0.068 | | | | |
| CAOND111769 | 220.0 | 221.5 | 1.5 | 0.040 | | | | |
| CAOND111771 | 221.5 | 223.0 | 1.5 | 0.036 | | | | |
| CAOND111772 | 223.0 | 224.5 | 1.5 | 0.023 | | | | |
| CAOND111773 | 224.5 | 226.0 | 1.5 | 0.023 | | | | |
| CAOND111774 | 226.0 | 227.5 | 1.5 | 0.017 | | | | |
| CAOND111776 | 227.5 | 229.0 | 1.5 | 0.019 | | | | |
| CAOND111777 | 229.0 | 230.5 | 1.5 | 0.078 | | | | |
| CAOND111778 | 230.5 | 232.0 | 1.5 | 0.041 | | | | |
| CAOND111779 | 232.0 | 233.5 | 1.5 | 0.038 | | | | |
| CAOND111781 | 233.5 | 235.0 | 1.5 | 0.019 | | | | |
| CAOND111782 | 235.0 | 236.5 | 1.5 | 0.018 | | | | |
| CAOND111783 | 236.5 | 238.0 | 1.5 | 0.009 | | | | |
| CAOND111784 | 238.0 | 239.5 | 1.5 | 0.027 | | | | |
| CAOND111785 | 239.5 | 241.0 | 1.5 | 0.035 | | | | |
| CAOND111786 | 241.0 | 242.5 | 1.5 | 0.057 | | | | |
| CAOND111787 | 242.5 | 244.0 | 1.5 | 0.010 | | | | |
| CAOND111788 | 244.0 | 245.5 | 1.5 | 0.022 | | | | |
| CAOND111789 | 245.5 | 247.0 | 1.5 | 0.013 | | | | |
| CAOND111791 | 247.0 | 248.5 | 1.5 | 0.014 | | | | |
| CAOND111792 | 248.5 | 250.0 | 1.5 | 0.012 | | | | |
| CAOND111793 | 250.0 | 251.5 | 1.5 | 0.010 | | | | |
| CAOND111794 | 251.5 | 253.0 | 1.5 | 0.011 | | | | |
| CAOND111795 | 253.0 | 254.5 | 1.5 | 0.017 | | | | |
| CAOND111796 | 254.5 | 255.5 | 1.0 | 0.016 | | | | |
| CAOND111797 | 255.5 | 256.9 | 1.4 | 0.015 | | | | |

## Hole number: KLUC18-503

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS

215.40 - 215.70: QtzCal, 20.00, -, -, VUG, GRY_00025, MAG, 2.00, 20% white and medium red qtz-cal veinning, parallel to deformation at 30-40 TCA with 2-3% v.f.gr. diss. Mt or specularite?

264.10 - 267.20: QtzCalChl, 10.00, -, -, VUG, GRY_00025, PYR, 1.00, 10% white and dark green qtz-cal-chl veinning, dominantly 1-2mm thick and locally 5cm thick; 1% very fine grained Py mineralization

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111798 | 256.9 | 257.8 | 0.9 | 0.003 | | | | |
| CAOND111799 | 257.8 | 259.0 | 1.2 | 0.005 | | | | |
| CAOND111801 | 259.0 | 260.5 | 1.5 | 0.007 | | | | |
| CAOND111802 | 260.5 | 262.0 | 1.5 | 0.011 | | | | |
| CAOND111803 | 262.0 | 263.0 | 1.0 | 0.009 | | | | |
| CAOND111804 | 263.0 | 264.1 | 1.1 | 0.012 | | | | |
| CAOND111805 | 264.1 | 265.3 | 1.2 | 0.003 | | | | |
| CAOND111806 | 265.3 | 266.2 | 0.9 | 0.003 | | | | |
| CAOND111807 | 266.2 | 267.2 | 1.0 | 0.003 | | | | |
| CAOND111808 | 267.2 | 268.5 | 1.3 | 0.025 | | | | |
| CAOND111809 | 268.5 | 270.0 | 1.5 | 0.022 | | | | |
| CAOND111810 | 270.0 | 271.5 | 1.5 | 0.005 | | | | |
| CAOND111811 | 271.5 | 273.0 | 1.5 | 0.123 | | | | |
| CAOND111812 | 273.0 | 274.5 | 1.5 | 0.017 | | | | |
| CAOND111813 | 274.5 | 276.0 | 1.5 | 0.039 | | | | |
| CAOND111814 | 276.0 | 277.5 | 1.5 | 0.097 | | | | |
| CAOND111816 | 277.5 | 279.0 | 1.5 | 0.024 | | | | |
| CAOND111817 | 279.0 | 280.0 | 1.0 | 0.009 | | | | |
| CAOND111818 | 280.0 | 280.7 | 0.7 | 0.021 | | | | |
| CAOND111819 | 280.7 | 282.0 | 1.3 | 0.013 | | | | |
| CAOND111821 | 282.0 | 283.0 | 1.0 | 0.015 | | | | |
| CAOND111822 | 283.0 | 283.7 | 0.7 | 0.013 | | | | |
| CAOND111823 | 283.7 | 285.0 | 1.3 | 0.014 | | | | |
| CAOND111824 | 285.0 | 286.5 | 1.5 | 0.010 | | | | |
| CAOND111826 | 286.5 | 288.0 | 1.5 | 0.003 | | | | |
| CAOND111827 | 288.0 | 289.5 | 1.5 | 0.005 | | | | |
| CAOND111828 | 289.5 | 291.0 | 1.5 | 0.022 | | | | |
| CAOND111829 | 291.0 | 292.5 | 1.5 | 0.046 | | | | |
| CAOND111831 | 292.5 | 294.0 | 1.5 | 0.009 | | | | |
| CAOND111832 | 294.0 | 295.5 | 1.5 | 0.105 | | | | |
| CAOND111833 | 295.5 | 297.0 | 1.5 | 0.101 | | | | |
| CAOND111834 | 297.0 | 298.5 | 1.5 | 0.029 | | | | |
| CAOND111835 | 298.5 | 300.0 | 1.5 | 0.009 | | | | |

**Hole number:** KLUC18-503

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111836 | 300.0 | 301.5 | 1.5 | 0.003 | | | | |
| CAOND111837 | 301.5 | 303.0 | 1.5 | 0.005 | | | | |
| CAOND111838 | 303.0 | 304.5 | 1.5 | 0.005 | | | | |
| CAOND111839 | 304.5 | 306.0 | 1.5 | 0.047 | | | | |
| CAOND111840 | 306.0 | 307.5 | 1.5 | 0.032 | | | | |
| CAOND111841 | 307.5 | 309.0 | 1.5 | 0.018 | | | | |
| CAOND111842 | 309.0 | 310.5 | 1.5 | 0.009 | | | | |
| CAOND111843 | 310.5 | 312.0 | 1.5 | 0.011 | | | | |
| CAOND111844 | 312.0 | 313.5 | 1.5 | 0.018 | | | | |
| CAOND111846 | 313.5 | 315.0 | 1.5 | 0.014 | | | | |
| CAOND111847 | 315.0 | 316.0 | 1.0 | 0.019 | | | | |
| CAOND111848 | 316.0 | 317.0 | 1.0 | 0.010 | | | | |
| CAOND111849 | 317.0 | 318.0 | 1.0 | 0.008 | | | | |
| CAOND111850 | 318.0 | 319.5 | 1.5 | 0.003 | | | | |
| CAOND111852 | 319.5 | 321.0 | 1.5 | 0.007 | | | | |
| CAOND111853 | 321.0 | 322.0 | 1.0 | 0.007 | | | | |
| CAOND111854 | 322.0 | 323.5 | 1.5 | 0.003 | | | | |
| CAOND111855 | 323.5 | 325.0 | 1.5 | 0.013 | | | | |
| CAOND111856 | 325.0 | 326.5 | 1.5 | 0.009 | | | | |
| CAOND111857 | 326.5 | 327.0 | 0.5 | 0.011 | | | | |
| CAOND111858 | 327.0 | 328.5 | 1.5 | 0.046 | | | | |
| CAOND111859 | 328.5 | 330.0 | 1.5 | 0.024 | | | | |
| CAOND111861 | 330.0 | 331.5 | 1.5 | 0.132 | | | | |
| CAOND111862 | 331.5 | 333.0 | 1.5 | 0.011 | | | | |
| CAOND111863 | 333.0 | 334.5 | 1.5 | 0.021 | | | | |

**Major:** **From:** 334.50 **To:** 348.00 I2Dp, Porphyritic Syenite

Composition: Dark purplish red, fine grained matrix with 5-10% 2-5mm sized, subrounded waxy phenocrysts; I2Dp - Porphyritic syenite Magnetism: Moderately magnetic Veinning: 5% mm scale, chaotic and discontinuous calcite Structure: Weakly deformed and moderate to locally strong fracturing Alteration: Weak to moderate calcite and chlorite alteration occuring as filled microfractures Mineralization: 1-2% very fine grained Py mineralization Contacts: Gradational

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

334.50 - 337.00: FRA, -, WEAK, Weak to moderate fracturing into 5-10cm thick pieces

334.50 - 348.00: DFZ, -, WEAK, Weak to moderate brittle deformation zone

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111864 | 334.5 | 336.0 | 1.5 | 0.017 | | | | |
| CAOND111865 | 336.0 | 337.0 | 1.0 | 0.018 | | | | |
| CAOND111866 | 337.0 | 338.5 | 1.5 | 0.021 | | | | |
| CAOND111867 | 338.5 | 340.0 | 1.5 | 0.012 | | | | |
| CAOND111868 | 340.0 | 341.5 | 1.5 | 0.030 | | | | |
| CAOND111869 | 341.5 | 343.0 | 1.5 | 0.044 | | | | |
| CAOND111871 | 343.0 | 344.5 | 1.5 | 0.024 | | | | |

**Hole number:** KLUC18-503

345.00 - 348.00: FRA, -, MOD, Moderate fracturing into 1-5 and 5-10cm thick pieces

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111872 | 344.5 | 346.0 | 1.5 | 0.025 | | | | |
| CAOND111873 | 346.0 | 347.0 | 1.0 | 0.038 | | | | |
| CAOND111874 | 347.0 | 348.0 | 1.0 | 0.041 | | | | |

**Major:** **From:** 348.00 **To:** 372.90 I2Dm, Mafic Syenite

Composition: Medium to dark purplish red with minor medium to dark green intervals, dominantly massive with minor intervals that appear clastic? and patchy appearance; I2Dm - Mafic syenite Magnetism: Moderate magnetism Veinning: Chaotic white and pink calcite veins Structure: Non to weakly deformed, gradually changing to moderate deformation at 366m with a preferential alignmet at 40-50 TCA Alteration: Weak patchy calcite gradually increasing to moderate - strong, moderate patchy chlorite alteration occuring in deformed interval Mineralization: 1-2% very fine grained disseminated Py mineralization Lower Contact: Sharp; oriented at 50 TCA 366-372.9m: Moderate deformation zone with prefential alignment at 40-50 TCA, introduction of moderate pervasive chlorite alteration and strong calcite alteration occuring as chaotic, preferentially aligned patches. Py mineralization appears to remain at 1-2% v.fgr. diss.

**MINOR INTERVAL**

356.00 - 357.40: I2DComposition: Medium to dark orangish pink and purplish red, fine grained and massive; I2D - Syenite Magnetism: Non magnetic Veinning: 2-3% vuggy and porous calcite veinning Structure: Network of parallel but irregular microfractures and chlorite and calcite Alteration: Weak chlorite and moderate calcite alteration occuring in filled microfractures Mineralization: 5-10% very fine grained, clustered specular hematite, 2-3% very fine grained dissemianted Py mineralization Contacts: Sharp but wavy

**MINOR INTERVAL**

360.10 - 361.60: I2DComposition: Medium to dark orangish pink and purplish red, fine grained and massive; I2D - Syenite Magnetism: Moderately magnetic Veinning: 15% vuggy and porous qtz-calcite veinning Structure: Network of parallel but irregular microfractures and chlorite and calcite Alteration: Weak chlorite and moderate calcite alteration occuring in filled microfractures Mineralization: 2-3% very fine grained dissemianted Py mineralization, 5% clustered specular hematite Contacts: Sharp but wavy

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

356.00 - 357.40: PYR, DIS, 2.00, -, VFG, 2-3% very fine grained disseminated Py minerlization

360.10 - 361.60: PYR, DIS, 2.00, -, VFG, 2-3% very fine grained disseminated Py mineralization

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

366.00 - 372.90: CAL+, PAT, STRONG, -, -, Strong calcite alteration occuring as choatic whispy stringers and patches

366.00 - 372.90: CHL+, PEN, MOD, -, -, Moderate pervasive chlorite alteration

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111876 | 348.0 | 349.5 | 1.5 | 0.023 | | | | |
| CAOND111877 | 349.5 | 351.0 | 1.5 | 0.100 | | | | |
| CAOND111878 | 351.0 | 352.5 | 1.5 | 0.180 | | | | |
| CAOND111879 | 352.5 | 354.0 | 1.5 | 0.118 | | | | |
| CAOND111881 | 354.0 | 355.0 | 1.0 | 0.024 | | | | |
| CAOND111882 | 355.0 | 356.0 | 1.0 | 0.513 | | | | |
| CAOND111883 | 356.0 | 357.4 | 1.4 | 0.515 | | | | |
| CAOND111884 | 357.4 | 358.5 | 1.1 | 0.035 | | | | |
| CAOND111885 | 358.5 | 359.4 | 0.9 | 0.032 | | | | |
| CAOND111886 | 359.4 | 360.1 | 0.7 | 0.013 | | | | |
| CAOND111887 | 360.1 | 361.6 | 1.5 | 0.031 | | | | |
| CAOND111888 | 361.6 | 363.0 | 1.4 | 0.091 | | | | |
| CAOND111889 | 363.0 | 364.5 | 1.5 | 0.037 | | | | |
| CAOND111891 | 364.5 | 366.0 | 1.5 | 0.024 | | | | |
| CAOND111892 | 366.0 | 367.5 | 1.5 | 0.045 | | | | |
| CAOND111893 | 367.5 | 369.0 | 1.5 | 0.099 | | | | |
| CAOND111894 | 369.0 | 370.5 | 1.5 | 0.085 | | | | |
| CAOND111895 | 370.5 | 372.0 | 1.5 | 0.129 | | | | |
| CAOND111896 | 372.0 | 372.9 | 0.9 | 0.146 | | | | |

**Hole number:** KLUC18-503

348.00 - 356.00: DFZ, -, WEAK, Weak to moderate brittle deformation zone
366.00 - 372.90: DFZ, 40.00, MOD, Moderate ductile deformation
366.00 - 372.90: FOL, 40.00, MOD, Moderate preferential alignment at 40-50 TCA

**VEIN**
TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS
361.00 - 361.60: QtzCal, 30.00, -, -, VUG, PNK2_BASIC, PYR, 2.00, 30% chaotic and irregular mm scale, white and pinkish orange, vuggy qtz-cal veinning with 5% clustered sepcularite inveins and 2-3% v.f.gr. diss. Py in vein margins

**Major:** **From:** 372.90 **To:** 379.40 V8mt, Trachyte mafic tuff

Composition: Dark green, fine grained and moderate to strongly deformed; V8mt - Trachyte mafic tuff with minor intrervals 10-20cm thick of trachyte mafic lapilli tuff Magnetism: Weakly magnetic Veinning: No significant veinning Structure: Moderate to strongly deformed; preferentially aligned at 40-50 TCA Alteration: Moderate pervasive chlorite alteration and moderate spotted and patchy calcite alteration Mineralization: None obersvered Lower Contact: Sharp oriented at 40 TCA

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
372.90 - 379.40: FOL, 40.00, MOD, Moderate to strong deformation and preferential alignment at 40-50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111897 | 372.9 | 374.0 | 1.1 | 0.055 | | | | |
| CAOND111898 | 374.0 | 375.5 | 1.5 | 0.056 | | | | |
| CAOND111899 | 375.5 | 377.0 | 1.5 | 0.051 | | | | |
| CAOND111901 | 377.0 | 378.0 | 1.0 | 0.068 | | | | |
| CAOND111902 | 378.0 | 379.4 | 1.4 | 0.043 | | | | |

**Major:** **From:** 379.40 **To:** 439.90 V8, Trachyte

Composition: Dark green, medium greenish brown, dark purplish red and medium pink; chaotic, patchy, clastic? and brecciated appearance; V8 - Trachyte Magnetism: Moderate to strongly magnetic Veinning: Varying abundance of chaotic clacite veinlets and minor 1m thick interval of 1-2% vuggy qtz-cal veinning at 407m Structure: Weakly deformed with no preferential alignment gradually increasing to moderate at 399m with a preferential alignment of 30-40 TCA. Gradually increase to strong deformation with preferential alignment at 30-40 TCA at416m and minor intrerval with mm scale crenulations and tight chaotic folding 420-424m. Moderately deformed, weakly brecciated, but weakly preferentially aligned at 424-440. Alteration: Moderate to strong pervasive chlorite alteration and weak to strong patchy calcite. Minor interval of dolomite alteration and bleaching? (418-425m). Mineralization: 1% fine grained disseminated Py mineralization in weakly deformed interval gradually increasing to 5-10% with minor medium grained Py in moderate and strongly deofrmed intervals and in qtz-cal veinning Lower Contact: Gradational, contact placed where textures are less chaotic, less deformed and less altered.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
407.00 - 416.00: PYR, DIS, 5.00, -, FGR, 5% f.gr. diss. Py
409.00 - 410.00: PYR, DIS, 10.00, -, VFG, 10% v.f.gr. diss. PY
425.00 - 429.00: PYR, DIS, 10.00, -, VFG, 10% v.f.gr. diss. Py

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111903 | 379.4 | 380.5 | 1.1 | 0.360 | | | | |
| CAOND111904 | 380.5 | 382.0 | 1.5 | 0.403 | | | | |
| CAOND111905 | 382.0 | 383.5 | 1.5 | 0.195 | | | | |
| CAOND111906 | 383.5 | 385.0 | 1.5 | 0.157 | | | | |
| CAOND111907 | 385.0 | 386.5 | 1.5 | 0.258 | | | | |
| CAOND111908 | 386.5 | 388.0 | 1.5 | 0.200 | | | | |
| CAOND111909 | 388.0 | 389.5 | 1.5 | 0.251 | | | | |
| CAOND111910 | 389.5 | 391.0 | 1.5 | 0.270 | | | | |
| CAOND111911 | 391.0 | 392.5 | 1.5 | 0.117 | | | | |
| CAOND111912 | 392.5 | 394.0 | 1.5 | 0.049 | | | | |
| CAOND111913 | 394.0 | 395.5 | 1.5 | 0.034 | | | | |
| CAOND111914 | 395.5 | 397.0 | 1.5 | 0.600 | | | | |
| CAOND111916 | 397.0 | 398.5 | 1.5 | 0.986 | | | | |
| CAOND111917 | 398.5 | 400.0 | 1.5 | 0.027 | | | | |
| CAOND111918 | 400.0 | 401.5 | 1.5 | 0.088 | | | | |
| CAOND111919 | 401.5 | 403.0 | 1.5 | 0.024 | | | | |

**Hole number:** KLUC18-503

417.00 - 424.00: DOL+, PAT, MOD, -, -, Moderate patchy dolomite? giving a bleached appearance to trachyte

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
379.40 - 399.00: FOL, 30.00, WEAK, Weak to moderate deformation and preferential aignment at 30-40 TCA
399.00 - 416.00: FOL, 30.00, MOD, Moderate deformation and preferential alignment at 30-40 TCA
416.00 - 430.00: FOL, 30.00, STRONG, Strong to moderate deformation and preferential alignment at 30-40 TCA
420.00 - 424.00: CRN, -, MOD, mm scale moderate crenulations
430.00 - 439.90: DFZ, 30.00, MOD, Moderate deformation with minor intervals of brecciation and weak preferential alignment at 30-40 TCA
430.00 - 439.90: FOL, 30.00, WEAK, Weak preferential alignment at 30-40 TCA, but moderate deformation

**VEIN**
TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS
407.20 - 408.20: QtzCbt, 20.00, -, -, VUG, PNK2_BASIC, PYR, 5.00, 20% irregular, vuggy and corroded pale orangish pink, qtz-cal-chl veinning; 5% v.f.gr. diss. Py

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111921 | 403.0 | 404.5 | 1.5 | 0.026 | | | | |
| CAOND111922 | 404.5 | 406.0 | 1.5 | 0.017 | | | | |
| CAOND111923 | 406.0 | 407.2 | 1.2 | 0.011 | | | | |
| CAOND111924 | 407.2 | 408.2 | 1.0 | 0.006 | | | | |
| CAOND111926 | 408.2 | 409.5 | 1.3 | 0.421 | | | | |
| CAOND111927 | 409.5 | 411.0 | 1.5 | 0.290 | | | | |
| CAOND111928 | 411.0 | 412.5 | 1.5 | 0.332 | | | | |
| CAOND111929 | 412.5 | 414.0 | 1.5 | 0.027 | | | | |
| CAOND111931 | 414.0 | 415.5 | 1.5 | 0.141 | | | | |
| CAOND111932 | 415.5 | 417.0 | 1.5 | 0.037 | | | | |
| CAOND111933 | 417.0 | 418.5 | 1.5 | 0.158 | | | | |
| CAOND111934 | 418.5 | 420.0 | 1.5 | 0.431 | | | | |
| CAOND111935 | 420.0 | 421.5 | 1.5 | 0.021 | | | | |
| CAOND111936 | 421.5 | 423.0 | 1.5 | 0.297 | | | | |
| CAOND111937 | 423.0 | 424.5 | 1.5 | 0.127 | | | | |
| CAOND111938 | 424.5 | 426.0 | 1.5 | 0.362 | | | | |
| CAOND111939 | 426.0 | 427.5 | 1.5 | 0.373 | | | | |
| CAOND111940 | 427.5 | 429.0 | 1.5 | 1.845 | | | | |
| CAOND111941 | 429.0 | 430.5 | 1.5 | 0.369 | | | | |
| CAOND111942 | 430.5 | 432.0 | 1.5 | 0.145 | | | | |
| CAOND111943 | 432.0 | 433.5 | 1.5 | 0.091 | | | | |
| CAOND111944 | 433.5 | 435.0 | 1.5 | 0.440 | | | | |
| CAOND111946 | 435.0 | 436.5 | 1.5 | 0.207 | | | | |
| CAOND111947 | 436.5 | 438.0 | 1.5 | 0.035 | | | | |
| CAOND111948 | 438.0 | 439.0 | 1.0 | 0.033 | | | | |
| CAOND111949 | 439.0 | 439.9 | 0.9 | 0.032 | | | | |

**Major:** **From:** 439.90 **To:** 455.80 I2Dm, Mafic Syenite

Composition: Dark grey to purplish grey with minor medium to dark pink patches, fine grained and massive; I2Dm - Mafic syenite Magnetism: Moderately magnetic Veinning: 5% vuggy and pitted qtz-cal-chl veinning Structure: Weak deformation and preferential alignment at 30-40 TCA Alteration: Weak to moderate pervasive chl alteration and weak to moderate stringers of calcite alteration Mineralization: 1-2% very fine grained disseminated PY mineralization dominantly occuring within or proximal to qtz-cal-chl veinning Lower Contact: Gradational

**STRUCTURE**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111951 | 439.9 | 440.5 | 0.6 | 0.092 | | | | |
| CAOND111952 | 440.5 | 441.5 | 1.0 | 0.022 | | | | |
| CAOND111953 | 441.5 | 443.0 | 1.5 | 0.017 | | | | |
| CAOND111954 | 443.0 | 444.5 | 1.5 | 0.076 | | | | |
| CAOND111955 | 444.5 | 446.0 | 1.5 | 0.029 | | | | |
| CAOND111956 | 446.0 | 447.5 | 1.5 | 0.030 | | | | |

**Hole number:** KLUC18-503

TYPE/CORE_ORIENT/INTENSITY/COMMENTS
439.90 - 455.50: FOL, 30.00, WEAK, Weak to moderate deformation with weak preferential alignment at 30-40 TCA
445.70 - 446.40: FRA, -, MOD, Moderate angular fracturing into 2-5cm thick pieces

**VEIN**
TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS
439.90 - 455.80: QtzCalChl, 5.00, -, -, VUG, PNK2_BASIC, PYR, 1.00, 5% irregular and chaotic, vuggy qtz-cal-chl veinning dominantly oriented at 0 TCA; 1-2% very fine grained diss. Py mineralization in veins and margins

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111957 | 447.5 | 449.0 | 1.5 | 0.061 | | | | |
| CAOND111958 | 449.0 | 450.5 | 1.5 | 0.022 | | | | |
| CAOND111959 | 450.5 | 452.0 | 1.5 | 0.015 | | | | |
| CAOND111961 | 452.0 | 453.5 | 1.5 | 0.013 | | | | |
| CAOND111962 | 453.5 | 455.0 | 1.5 | 0.029 | | | | |
| CAOND111963 | 455.0 | 455.8 | 0.8 | 0.053 | | | | |

**Major:** **From:** 455.80 **To:** 502.70 V8, Trachyte

Composition: Dark green to grey with irregular and chaotic medium pink patches and stringers, moderately deformed, weak to moderately pitted (mm scale occuring in calcite patches); V8 -Trachyte Magnetism: Moderate to strongly magnetic Veinning: No significant veinning, only chaotic pink calcite veinlets Structure: Moderate deformed and preferentially aligned at 40-50 TCA Alteration: Weak to moderate pervasive chlorite alteration, moderate to strong calcite alteration occuring as irregular patches, stringers and veinlets Mineralization: Trace to 1% very fine grained disseminated Py mineralization Lower Contact: Gradational

**MINOR INTERVAL**
489.90 - 492.60: I1Possibly felsic or syenitic intrusion? Interval contains rare pits and vugs, weakly to moderately silicified 5% white folded and deformed qtz veinning 3-5mm thick Moderately to strongly deformed, but no prefered orientation, dominantly parallel to core axis Contacts are gradational

**MINOR INTERVAL**
500.20 - 502.70: I1Possibly felsic or syenitic intrusion? Interval contains rare pits and vugs, weakly to moderately silicified Moderately to strongly deformed, but no prefered orientation, dominantly parallel to core axis Contacts are gradational

**TEXTURE**
TYPE/GRAIN_SIZE/COMMENTS
455.80 - 488.00: VUG, -, Weak to modereate mm scale pits and vugs occuring in the calcite patches of a trachyte unit
488.00 - 502.70: VUG, -, Moderate to strong mm scale pits and vugs occuring in the calcite patches of a trachyte unit

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
489.90 - 492.60: PYR, DIS, 5.00, -, VFG, 5-10% v.f.gr. diss. PY
495.00 - 500.00: PYR, DIS, 10.00, -, VFG, 10% v.f.gr. diss. Py occuring in strongly pitted and vuggy caclite patches of a trachyte

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111964 | 455.8 | 457.0 | 1.2 | 0.016 | | | | |
| CAOND111965 | 457.0 | 458.5 | 1.5 | 0.042 | | | | |
| CAOND111966 | 458.5 | 459.5 | 1.0 | 0.040 | | | | |
| CAOND111967 | 459.5 | 461.0 | 1.5 | 0.040 | | | | |
| CAOND111968 | 461.0 | 462.5 | 1.5 | 0.400 | | | | |
| CAOND111969 | 462.5 | 464.0 | 1.5 | 0.326 | | | | |
| CAOND111971 | 464.0 | 465.5 | 1.5 | 0.265 | | | | |
| CAOND111972 | 465.5 | 467.0 | 1.5 | 0.336 | | | | |
| CAOND111973 | 467.0 | 468.5 | 1.5 | 0.077 | | | | |
| CAOND111974 | 468.5 | 470.0 | 1.5 | 0.041 | | | | |
| CAOND111976 | 470.0 | 471.5 | 1.5 | 0.078 | | | | |
| CAOND111977 | 471.5 | 473.0 | 1.5 | 0.038 | | | | |
| CAOND111978 | 473.0 | 474.5 | 1.5 | 0.006 | | | | |
| CAOND111979 | 474.5 | 476.0 | 1.5 | 0.012 | | | | |
| CAOND111981 | 476.0 | 477.5 | 1.5 | 0.029 | | | | |
| CAOND111982 | 477.5 | 479.0 | 1.5 | 0.023 | | | | |
| CAOND111983 | 479.0 | 480.5 | 1.5 | 0.120 | | | | |
| CAOND111984 | 480.5 | 482.0 | 1.5 | 0.017 | | | | |
| CAOND111985 | 482.0 | 483.5 | 1.5 | 0.026 | | | | |
| CAOND111986 | 483.5 | 485.0 | 1.5 | 0.019 | | | | |
| CAOND111987 | 485.0 | 486.5 | 1.5 | 0.085 | | | | |
| CAOND111988 | 486.5 | 488.0 | 1.5 | 0.083 | | | | |
| CAOND111989 | 488.0 | 489.0 | 1.0 | 0.175 | | | | |
| CAOND111991 | 489.0 | 489.9 | 0.9 | 1.480 | | | | |

## Hole number: KLUC18-503

489.90 - 492.60: SIC+, PEN, WEAK, -, -, Weak to modreate Si alteration
500.20 - 502.70: SIC+, PEN, WEAK, -, -, Weak to moderate Si alteration

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
455.80 - 502.70: FOL, 40.00, MOD, Moderate deformation with weak to moderate prefential alignment at 40-50 TCA
467.00 - 474.00: FRA, -, MOD, Weak fracturing with moderate fractured intervals less than 1 m thick; fractured into angular pieces 2-5cm thick

**VEIN**
TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS
489.90 - 492.60: QTZ, 10.00, -, -, -, GRY_00025, PYR, 5.00, 10% chaotic, deformed and folded, white qtz veinning less than 0.5cm thick and 5% very fine grained Py mineralization in margins

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111992 | 489.9 | 491.0 | 1.1 | 0.583 | | | | |
| CAOND111993 | 491.0 | 492.0 | 1.0 | 0.785 | | | | |
| CAOND111994 | 492.0 | 492.6 | 0.6 | 0.640 | | | | |
| CAOND111995 | 492.6 | 494.0 | 1.4 | 0.252 | | | | |
| CAOND111996 | 494.0 | 495.5 | 1.5 | 0.047 | | | | |
| CAOND111997 | 495.5 | 497.0 | 1.5 | 0.754 | | | | |
| CAOND111998 | 497.0 | 498.0 | 1.0 | 0.050 | | | | |
| CAOND111999 | 498.0 | 499.0 | 1.0 | 0.367 | | | | |
| CAOND112001 | 499.0 | 500.2 | 1.2 | 0.145 | | | | |
| CAOND112002 | 500.2 | 501.5 | 1.3 | 1.225 | | | | |
| CAOND112003 | 501.5 | 502.7 | 1.2 | 6.990 | | | | |

**Major: From:** 502.70 **To:** 508.90 V8mt, Trachyte mafic tuff

Composition: Dark green with pale grey to greenish grey and pale pinkish grey patches; V8mt - Trachyte mafic tuff Magnetism: Moderately magnetic Veinning: No significant veinning, only calcite veinlets Structure: Moderate to strongly deformed with moderate preferential alignment at 40-50 TCA Alteration: Weak pervasive chlorite and moderate patchy calcite Mineralization: Trace to 1% very fine grained Py mineralization Lower Contact: Sharp; oriented at 50 TCA. Contact is placed where magnetism is abruptly lost, textures change and colouring becomes more bleached

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
502.70 - 508.90: FOL, 40.00, MOD, Moderate deformed and moderate preferential alignment at 40-50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112004 | 502.7 | 504.0 | 1.3 | 0.314 | | | | |
| CAOND112005 | 504.0 | 505.5 | 1.5 | 0.014 | | | | |
| CAOND112006 | 505.5 | 507.0 | 1.5 | 0.228 | | | | |
| CAOND112007 | 507.0 | 508.0 | 1.0 | 0.322 | | | | |
| CAOND112008 | 508.0 | 508.9 | 0.9 | 0.829 | | | | |

**Major: From:** 508.90 **To:** 531.50 V9, Tuf

Composition: Pale yellowish green, medium beige, medium green and medium reddish beige; Magnetism Non magnetic Veinning: 5% strongly deformed, folded and boudinaged, creamy white qtz veins less than 1cm thick and parallel to deformation Structure: Strong to intense deformation dominantly oriented at 40-50 TCA with minor intervals oriented at 0 TCA, minor interval of tight folding Alteration: Moderate pervasive chlorite, moderate pervasive sericite, weak to moderate silificiation and local pervasive weak to moderate hematite alteration Mineralization: 5-10% fine grained Py mineralization Lower Contact: Gradational; contact placed where textures change and vuggy calcite alteration is introduced

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
508.90 - 531.50: PYR, DIS, 10.00, -, FGR, 10-15% f.gr. diss. Py

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS
508.90 - 531.50: CHL+, PAT, MOD, -, -, Moderate parallel stringers of chl

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112009 | 508.9 | 509.9 | 1.0 | 2.440 | | | | |
| CAOND112010 | 509.9 | 510.6 | 0.7 | 0.046 | | | | |
| CAOND112011 | 510.6 | 511.1 | 0.5 | 0.103 | | | | |
| CAOND112012 | 511.1 | 512.5 | 1.4 | 0.577 | | | | |
| CAOND112013 | 512.5 | 513.8 | 1.3 | 4.450 | | | | |
| CAOND112014 | 513.8 | 515.3 | 1.5 | 0.180 | | | | |
| CAOND112016 | 515.3 | 516.5 | 1.2 | 0.249 | | | | |
| CAOND112017 | 516.5 | 518.0 | 1.5 | 0.080 | | | | |
| CAOND112018 | 518.0 | 519.5 | 1.5 | 0.116 | | | | |
| CAOND112019 | 519.5 | 521.0 | 1.5 | 0.468 | | | | |
| CAOND112021 | 521.0 | 522.5 | 1.5 | 0.265 | | | | |

**Hole number:** KLUC18-503

508.90 - 531.50: HEM+, PAT, WEAK, -, -, Minor patchy pervasive intervals of weak hem. alteration
508.90 - 531.50: SER+, PEN, MOD, -, -, Moderate pervasive Se alteration
508.90 - 531.50: SIC+, PEN, WEAK, -, -, Weak to moderate Si alteration

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
508.90 - 516.00: FOL, 40.00, STRONG, Strong deformation and preferential alignment at 40 TCA
508.90 - 531.50: DFZ, 40.00, STRONG, Strong deformation and preferential alignment at 30, 40 and 0 TCA, weak to moderate chaotic folding and tight folding at 528-531m
516.00 - 526.60: FOL, 30.00, STRONG, Strong deformation and preferential alignment at 30 TCA
526.00 - 530.50: FOL, 0.00, STRONG, Strong deformation and preferential alignment at 0
529.00 - 530.50: FLD, -, MOD, Tight fold
530.50 - 531.50: FOL, 30.00, STRONG, Strong deformatio and prefential alignment at 30 TCA

**VEIN**
TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS
510.60 - 511.10: QTZ, 5.00, -, -, -, GRY_00025, PYR, 1.00, 5% creamy white irregular, chaotic, folded qtz veinning less than 0.5cm thick with 1% f.gr. diss. py in margins
513.80 - 515.30: QTZ, 10.00, -, -, -, GRY_00025, PYR, 5.00, 5% creamy white irregular, chaotic, folded qtz veinning less than 0.5cm thick with 5% f.gr. diss. py in margins
530.10 - 530.50: QTZ, 30.00, -, -, DFM, GRY_00025, PYR, 15.00, Pale pink and creamy white deformed and irregular qtz vein with 2-3% clusters of hem at contacts. Vein trending at 0 TCA. 15% fine grained Py mineralization in margins

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112022 | 522.5 | 524.0 | 1.5 | 0.134 | | | | |
| CAOND112023 | 524.0 | 525.5 | 1.5 | 0.089 | | | | |
| CAOND112024 | 525.5 | 527.0 | 1.5 | 0.651 | | | | |
| CAOND112026 | 527.0 | 528.5 | 1.5 | 0.327 | | | | |
| CAOND112027 | 528.5 | 530.0 | 1.5 | 0.452 | | | | |
| CAOND112028 | 530.0 | 530.5 | 0.5 | 0.177 | | | | |
| CAOND112029 | 530.5 | 531.5 | 1.0 | 0.142 | | | | |

**Major:** **From:** 531.50 **To:** 537.10 V8t, Trachytic tuff

Composition: Dark green with pale beige and pink stringers; V8t - Trachyte tuff Magnetism: Weakly magnetic Veinning: 1% creamy white qtz veins parallel to deformation Structure: Strong to intensely deformed with preferential alignment at 40-50 TCA and moderate crenulations and mm scale chaotic folding Alteration: Moderate pervasive chlorite, weak pervasive Si at beginning of interval, strong pitted and vuggy calcite alteration Mineralization: 5% very fine grained Py mineralization Lower Contact: Sharp oriented at 30 TCA

**TEXTURE**
TYPE/GRAIN_SIZE/COMMENTS
533.00 - 536.30: VUG, -, Moderate to strong mm scale pits and vugs occuring in strongly deformed and calcite altered trachyte tuff unit

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS
533.00 - 537.10: CAL+, PAT, STRONG, -, -, Strong pitted and vuggy calcite alteration

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
531.50 - 537.10: DFZ, 30.00, STRONG, Strong to intensely deformed with preferential alignment at

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112031 | 531.5 | 533.0 | 1.5 | 0.105 | | | | |
| CAOND112032 | 533.0 | 534.5 | 1.5 | 0.053 | | | | |
| CAOND112033 | 534.5 | 536.0 | 1.5 | 0.025 | | | | |
| CAOND112034 | 536.0 | 537.1 | 1.1 | 0.053 | | | | |

**Hole number:** KLUC18-503

40-50 TCA and moderate crenulations and mm scale chaotic folding
531.50 - 537.10: FOL, 30.00, STRONG, Strong to intensely deformed with preferential alignment at 40-50 TCA and moderate crenulations and mm scale chaotic folding
533.00 - 536.00: CRN, -, MOD, Moderate mm scale crenulation

**Major:** **From:** 537.10 **To:** 539.80 I2D, Syénite

Composition: Medium to dark reddish brown, fine grained, moderately deformed; I2D - Syenite Magnetism: Non magnetic Veinning: No signficant veinning Structure: Moderately deformed and weak preferential alignment at 30-40 TCA Alteration: Moderate prevasive hematite alteration Mineralization: 1-2% very fine grained diss. Py mineralization Lower Contact: Sharp; oriented at 40 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112035 | 537.1 | 538.5 | 1.4 | 0.026 | | | | |
| CAOND112036 | 538.5 | 539.8 | 1.3 | 0.106 | | | | |

**Major:** **From:** 539.80 **To:** 562.10 V8, Trachyte

Composition: Dark grey, fine grained matrix with irregular patches, chaotic and moderately deformed; V8 - Trachyte Magnetism: Moderate to strongly deformed Veinning: 1-2% creamy white qtz veinning 1-2cm thick, parallel to deformation Structure: Moderate to strong deformation with weak preferential alignment at 30-40 TCA Alteration: Weak to moderate pervasive chlorite alteration, moderate to strong vuggy calcite alteation Mineralization: 3-5% very fine grained Py mineralization Lower Contact: Sharp; oriented at 30 TCA

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS
539.80 - 562.10: CAL+, PAT, STRONG, -, -, Moderate to strong pitted and vuggy calcite alteration

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
539.80 - 562.10: DFZ, 40.00, MOD, Moderate to strongly deformed with weak to moderate preferential alignmnet at 30-40 TCA
539.80 - 562.10: FOL, 40.00, WEAK, Moderate to strongly deformed with weak to moderate preferential alignmnet at 30-40 TCA
562.00 - 562.10: CCT, 30.00, -, Sharp lower contact at 30 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112037 | 539.8 | 541.0 | 1.2 | 0.011 | | | | |
| CAOND112038 | 541.0 | 542.5 | 1.5 | 0.003 | | | | |
| CAOND112039 | 542.5 | 544.0 | 1.5 | 0.030 | | | | |
| CAOND112040 | 544.0 | 545.5 | 1.5 | 0.014 | | | | |
| CAOND112041 | 545.5 | 547.0 | 1.5 | 0.023 | | | | |
| CAOND112042 | 547.0 | 548.5 | 1.5 | 0.038 | | | | |
| CAOND112043 | 548.5 | 550.0 | 1.5 | 0.009 | | | | |
| CAOND112044 | 550.0 | 551.5 | 1.5 | 0.008 | | | | |
| CAOND112046 | 551.5 | 553.0 | 1.5 | 0.016 | | | | |
| CAOND112047 | 553.0 | 554.5 | 1.5 | 0.069 | | | | |
| CAOND112048 | 554.5 | 556.0 | 1.5 | 0.031 | | | | |
| CAOND112049 | 556.0 | 557.5 | 1.5 | 0.015 | | | | |
| CAOND112051 | 557.5 | 559.0 | 1.5 | 0.010 | | | | |
| CAOND112052 | 559.0 | 560.0 | 1.0 | 0.021 | | | | |
| CAOND112053 | 560.0 | 561.0 | 1.0 | 0.141 | | | | |
| CAOND112054 | 561.0 | 562.1 | 1.1 | 0.007 | | | | |

**Major:** **From:** 562.10 **To:** 566.40 I2D, Syénite

Composition: Medium to dark pink and purplish red with minor dark green, weak to moderately deformed; I2D - Syenite Magnetism: Moderately magnetic Veinning: 5% irregular medium reddish orange qtz-cal-chl veinning Structure: Moderate deformation and weak foliation at 40-50 TCA Alteration: Moderate stringers of chlorite alteration and moderate spotted and patchy calcite alteration Mineralization: 1-2% fine grained Py mineralization Lower Contact: Sharp and oriented at 40 TCa Minor units: 563.6-564.1m = minor interval of moderately deformed trachyte

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
562.10 - 566.40: FOL, 40.00, WEAK, Moderate deformation and weak foliation oriented at 40 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112055 | 562.1 | 563.0 | 0.9 | 0.010 | | | | |
| CAOND112056 | 563.0 | 563.6 | 0.6 | 0.008 | | | | |
| CAOND112057 | 563.6 | 564.1 | 0.5 | 0.013 | | | | |
| CAOND112058 | 564.1 | 564.8 | 0.7 | 0.006 | | | | |
| CAOND112059 | 564.8 | 565.8 | 1.0 | 0.005 | | | | |
| CAOND112061 | 565.8 | 566.4 | 0.6 | 0.026 | | | | |

**Hole number:** KLUC18-503

566.30 - 566.40: CCT, 40.00, -, sharp lower contact at 40 TCA

**VEIN**
TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS
562.60 - 564.50: QtzCal, 5.00, -, -, -, PNK2_BASIC, -, -, 5% medium pinkish orange qtz-cal veinining locally with chl. Irregular but generally trending parallel to deformation

**Major:** **From:** 566.40 **To:** 572.20 V9, Tuf

Composition: Pale beige to cremay white and medium grey to greenish grey, fine grained and moderate to strongly deformed; V9 - Tuff Magnetism: Non to weakly magnetic Veinning: 2% creamy white qtz veinning 1-2cm thick, parallel to deformation Structure: Moderate to strongly deformed with preferential alignment at 40-50 TCA Alteration: Moderate patchy chlorite, moderate patchy sericite and moderate spotted to patchy calcite alteration Mineralization: 2-3% fine grained disseminated Py mineralization Lower Contact: Sharp oriented at 50 TCA Minor units: 570.5-571.4m = Strongly deformed and altered medium pinkish brown syenite intrusion

**MINOR INTERVAL**
570.50 - 571.40: I2DComposition: Medium pinkish brown, fine grained, strongly deformed; I2D - Syenite Magnetism: Non to weakly magnetic Veinning: 1% creamy white to pinkish qtz veinning less than 0.5cm thick Structure: Strongly deformed and moderate preferential alignment at 40-50 TCA Alteration: Moderate patchy chlorite, moderate calcite alteration Mineralization: 3-5% fine grained clustered Py mineralization Contacts: Sharp; oriented at 50 TCA

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
566.40 - 572.20: PYR, DIS, 2.00, -, FGR, 2-3% f.gr. diss. Py

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
566.40 - 572.20: FOL, 40.00, STRONG, Moderate to strong deformation with moderate preferential alignment at 40-50 TCA
572.10 - 572.20: CCT, 50.00, -, Sharp lower contact at 50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112062 | 566.4 | 567.5 | 1.1 | 0.025 | | | | |
| CAOND112063 | 567.5 | 569.0 | 1.5 | 0.130 | | | | |
| CAOND112064 | 569.0 | 570.5 | 1.5 | 0.027 | | | | |
| CAOND112065 | 570.5 | 571.4 | 0.9 | 0.057 | | | | |
| CAOND112066 | 571.4 | 572.2 | 0.8 | 0.005 | | | | |

**Major:** **From:** 572.20 **To:** 576.90 I2D, Syénite

Composition: Medium pinkish brown to brown moderately deformed; I2D - Syenite Magnetism: Weak to moderately magnetic Veinning: 2-3% mm scale, chaotic creamy white qtz veinning Structure: Moderately deformed with weak preferential alignment at 40-50 TCA Alteration: Moderate chlorite and calcite alteration Mineralization: 5% fine grained disseminated Py mineralization Lower Contact: Gradational, contact is placed closest to where the textures change but contact appears to be inter 20cm thick deformational contact

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
572.20 - 576.90: PYR, DIS, 5.00, -, FGR, 5% f.gr. diss. Py

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112067 | 572.2 | 573.5 | 1.3 | 0.010 | | | | |
| CAOND112068 | 573.5 | 575.0 | 1.5 | 0.006 | | | | |
| CAOND112069 | 575.0 | 576.0 | 1.0 | 0.005 | | | | |
| CAOND112071 | 576.0 | 576.9 | 0.9 | 0.008 | | | | |

## Hole number: KLUC18-503

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
572.20 - 576.90: CCT, 50.00, -, Sharp lower contact at 50 TCA
572.20 - 576.90: FOL, 40.00, WEAK, Moderate deformation and weak preferential alignment at 40-50 TCA

**Major:** **From:** 576.90 **To:** 585.00 V9, Tuf

Composition: Medium to dark bluish grey with creamy white and pale bluish grey patches, fine grained and moderate to strongly deformed; V9 - Tuff Magnetism: Moderately magnetic Veinning: 3% chaotic, deformed, folded and sheared, creamy white qtz veinning 0.5-1cm thick Structure: Moderate to strong deformation with moderate preferential alignment at 40-50 TCA Alteration: Moderate pervasive chlorite alteration and moderate patchy calcite, weak localy patches of seriricite Mineralization: 1% fine grained disseminated Py mineralization with 2-5x 15-20cm thick intervals with clustered 5% fine grained Py mineralization Lower Contact: Gradational, contact is placed where the chaotic pink calcite veinning and patches become more abundant

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
576.90 - 578.00: CCT, 50.00, -, Sharp lower contact at 50 TCA
576.90 - 585.00: DFZ, 40.00, MOD, Moderate to strong deformation with moderate prefential alignment at 40-50 TCA
576.90 - 585.00: FOL, 40.00, MOD, Moderate to strong deformation with moderate preferential alignmnet at 40-50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112072 | 576.9 | 577.5 | 0.6 | 0.049 | | | | |
| CAOND112073 | 577.5 | 579.0 | 1.5 | 0.006 | | | | |
| CAOND112074 | 579.0 | 580.5 | 1.5 | 0.207 | | | | |
| CAOND112076 | 580.5 | 582.0 | 1.5 | 0.007 | | | | |
| CAOND112077 | 582.0 | 583.5 | 1.5 | 0.003 | | | | |
| CAOND112078 | 583.5 | 585.0 | 1.5 | 0.081 | | | | |

**Major:** **From:** 585.00 **To:** 645.50 V8mt, Trachyte mafic tuff

Composition: DArk green fine grained matrix with irregular and choatic patches of pale pink; V8mt - Trachyte mafic tuff Magnetism: Moderately magnetic with minor intervals that are weakly magnetic Veinning: Chaotic pink calcite veinning throughout Structure: Moderate to strong deformation with moderate to locally weak preferential alignment at 40-50 TCA Alteration: Moderate prevasive chlorite, moderate to strong patchy pink calcite Mineralization: 1% fine grained disseminate Py mineralization Lower Contact: Sharp; contact placed where colour becomes medium reddish 527-540.5m: decrease in the abundance of chaotic calcite patches, more massive appearance, moderate to strong deformation still present but only faintly visible, interval is also non to weakly magnetic 540.5-645.5m: minor interval of medium grained, lapilli tuff? with a gradually increase in more pinkish material, possibly syenitic composition

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS
585.00 - 606.00: CAL+, PAT, MOD, PNK2_BASIC, -, Moderate to strong patchy, irregular and chaotic, pink calcite alteration

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
585.00 - 645.50: DFZ, 40.00, MOD, Moderate to strong deformation with weak preferential alignmnet at 40-50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112079 | 585.0 | 586.0 | 1.0 | 0.256 | | | | |
| CAOND112081 | 586.0 | 587.5 | 1.5 | 0.009 | | | | |
| CAOND112082 | 587.5 | 589.0 | 1.5 | 0.003 | | | | |
| CAOND112083 | 589.0 | 590.5 | 1.5 | 0.007 | | | | |
| CAOND112084 | 590.5 | 592.0 | 1.5 | 0.015 | | | | |
| CAOND112085 | 592.0 | 593.5 | 1.5 | 0.016 | | | | |
| CAOND112086 | 593.5 | 595.0 | 1.5 | 0.020 | | | | |
| CAOND112087 | 595.0 | 596.5 | 1.5 | 0.003 | | | | |
| CAOND112088 | 596.5 | 598.0 | 1.5 | 0.013 | | | | |
| CAOND112089 | 598.0 | 599.5 | 1.5 | 0.007 | | | | |
| CAOND112091 | 599.5 | 601.0 | 1.5 | 0.017 | | | | |
| CAOND112092 | 601.0 | 602.5 | 1.5 | 0.011 | | | | |
| CAOND112093 | 602.5 | 604.0 | 1.5 | 0.015 | | | | |
| CAOND112094 | 604.0 | 605.5 | 1.5 | 0.020 | | | | |

**Hole number:** KLUC18-503

585.00 - 645.50: FOL, 40.00, WEAK, Moderate to strong deformation with weak preferential alignmnet at 40-50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112095 | 605.5 | 607.0 | 1.5 | 0.012 | | | | |
| CAOND112096 | 607.0 | 608.5 | 1.5 | 0.010 | | | | |
| CAOND112097 | 608.5 | 610.0 | 1.5 | 0.008 | | | | |
| CAOND112098 | 610.0 | 611.5 | 1.5 | 0.009 | | | | |
| CAOND112099 | 611.5 | 613.0 | 1.5 | 0.007 | | | | |
| CAOND112101 | 613.0 | 614.5 | 1.5 | 0.034 | | | | |
| CAOND112102 | 614.5 | 616.0 | 1.5 | 0.010 | | | | |
| CAOND112103 | 616.0 | 617.5 | 1.5 | 0.055 | | | | |
| CAOND112104 | 617.5 | 619.0 | 1.5 | 0.215 | | | | |
| CAOND112105 | 619.0 | 620.5 | 1.5 | 2.220 | | | | |
| CAOND112106 | 620.5 | 622.0 | 1.5 | 0.095 | | | | |
| CAOND112107 | 622.0 | 623.5 | 1.5 | 0.270 | | | | |
| CAOND112108 | 623.5 | 625.0 | 1.5 | 0.027 | | | | |
| CAOND112109 | 625.0 | 626.5 | 1.5 | 0.015 | | | | |
| CAOND112110 | 626.5 | 628.0 | 1.5 | 0.006 | | | | |
| CAOND112111 | 628.0 | 629.5 | 1.5 | 0.003 | | | | |
| CAOND112112 | 629.5 | 631.0 | 1.5 | 0.003 | | | | |
| CAOND112113 | 631.0 | 632.5 | 1.5 | 0.005 | | | | |
| CAOND112114 | 632.5 | 634.0 | 1.5 | 0.003 | | | | |
| CAOND112116 | 634.0 | 635.5 | 1.5 | 0.003 | | | | |
| CAOND112117 | 635.5 | 637.0 | 1.5 | 0.003 | | | | |
| CAOND112118 | 637.0 | 638.5 | 1.5 | 0.003 | | | | |
| CAOND112119 | 638.5 | 640.0 | 1.5 | 0.003 | | | | |
| CAOND112121 | 640.0 | 641.5 | 1.5 | 0.007 | | | | |
| CAOND112122 | 641.5 | 643.0 | 1.5 | 0.008 | | | | |
| CAOND112123 | 643.0 | 644.5 | 1.5 | 0.006 | | | | |
| CAOND112124 | 644.5 | 645.5 | 1.0 | 0.009 | | | | |

**Major:** **From:** 645.50 **To:** 649.30 I2D, Syénite

Composition: Medium to dark red, reddish grey and grey, fine grained, weakly foliated; I2D - Syenite Magnetism: Weakly magnetic Veinning: 2% irregular pink and creamy white, mm scale qtz-cal veinning Structure: Weak foliation oriented at 40-50 TCA in last 1m of interval Alteration: Moderate pervasive hematite alteration, moderate calcite alteration and weak stringers of chlorite Mineralization: 1-2% very fine grained Py mineralization Lower Contact: Sharp; oriented at 50 TCA

**ALTERATION**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112126 | 645.5 | 647.0 | 1.5 | 0.170 | | | | |
| CAOND112127 | 647.0 | 648.0 | 1.0 | 0.161 | | | | |
| CAOND112128 | 648.0 | 649.3 | 1.3 | 0.021 | | | | |

**Hole number:** KLUC18-503

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS
645.50 - 649.30: HEM+, PEN, MOD, -, -, Moderate pervasive hem alteration

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
645.50 - 649.30: DFZ, 40.00, MOD, Moderate to strong deformation with weak preferential alignmnet at 40-50 TCA
645.50 - 649.30: FOL, 40.00, WEAK, Moderate to strong deformation with weak preferential alignmnet at 40-50 TCA

**Major:** **From:** 649.30 **To:** 679.30 V8mt, Trachyte mafic tuff

Composition: DArk green fine grained matrix with minor irregular and choatic patches of pale pink calcite; V8mt - Trachyte mafic tuff Magnetism: Moderately magnetic Veinning: Chaotic pink calcite veinning throughout Structure: Moderate to strong deformation with moderate to locally weak preferential alignment at 40-50 TCA. 678-679.3m; 3-4 generations of structures are visible at a mm to cm scale Alteration: Moderate prevasive chlorite, moderate to strong patchy pink calcite Mineralization: 1% fine grained disseminate Py mineralization Lower Contact: Sharp; contact placed where colour becomes medium reddish

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
649.30 - 679.30: DFZ, 40.00, MOD, Moderate to strong deformation with weak preferential alignmnet at 40-50 TCA
649.30 - 679.30: FOL, 40.00, WEAK, Moderate to strong deformation with weak preferential alignmnet at 40-50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112129 | 649.3 | 650.5 | 1.2 | 0.118 | | | | |
| CAOND112131 | 650.5 | 652.0 | 1.5 | 0.340 | | | | |
| CAOND112132 | 652.0 | 653.5 | 1.5 | 0.032 | | | | |
| CAOND112133 | 653.5 | 655.0 | 1.5 | 0.009 | | | | |
| CAOND112134 | 655.0 | 656.5 | 1.5 | 0.008 | | | | |
| CAOND112135 | 656.5 | 658.0 | 1.5 | 0.008 | | | | |
| CAOND112136 | 658.0 | 659.5 | 1.5 | 0.007 | | | | |
| CAOND112137 | 659.5 | 661.0 | 1.5 | 0.007 | | | | |
| CAOND112138 | 661.0 | 662.5 | 1.5 | 0.003 | | | | |
| CAOND112139 | 662.5 | 664.0 | 1.5 | 0.008 | | | | |
| CAOND112140 | 664.0 | 665.5 | 1.5 | 0.007 | | | | |
| CAOND112141 | 665.5 | 667.0 | 1.5 | 0.003 | | | | |
| CAOND112142 | 667.0 | 668.5 | 1.5 | 0.015 | | | | |
| CAOND112143 | 668.5 | 670.0 | 1.5 | 0.053 | | | | |
| CAOND112144 | 670.0 | 671.5 | 1.5 | 0.013 | | | | |
| CAOND112146 | 671.5 | 673.0 | 1.5 | 0.003 | | | | |
| CAOND112147 | 673.0 | 674.5 | 1.5 | 0.003 | | | | |
| CAOND112148 | 674.5 | 676.0 | 1.5 | 0.003 | | | | |
| CAOND112149 | 676.0 | 677.5 | 1.5 | 0.023 | | | | |
| CAOND112151 | 677.5 | 678.4 | 0.9 | 0.014 | | | | |
| CAOND112152 | 678.4 | 679.3 | 0.9 | 0.040 | | | | |

**Major:** **From:** 679.30 **To:** 684.20 I2D, Syénite

Composition: Medium to dark reddish brown, reddish grey and grey with stringers of dark green, fine grained, moderately foliated; I2D - Syenite Magnetism: Moderately magnetic Veinning: 1% irregular pale grey calcite veinlets Structure: Moderately deformed and moderately foliated oriented at 40-50 TCA Alteration: Moderate pervasive hematite alteration, moderate calcite alteration and weak stringers of

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112153 | 679.3 | 680.5 | 1.2 | 0.042 | | | | |
| CAOND112154 | 680.5 | 682.0 | 1.5 | 0.104 | | | | |
| CAOND112155 | 682.0 | 683.5 | 1.5 | 0.110 | | | | |

**Hole number:** KLUC18-503

chlorite Mineralization: 2-3% very fine grained Py mineralization Lower Contact: Sharp but wavy and irregular

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

679.30 - 684.20: PYR, DIS, 2.00, -, FGR, 2-3% f.gr. diss. Py

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

679.30 - 684.20: FOL, 40.00, MOD, Weak to moderate foliation oriented at 40-50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112156 | 683.5 | 684.2 | 0.7 | 0.033 | | | | |

**Major:** **From:** 684.20 **To:** 687.00 V8mt, Trachyte mafic tuff

Composition: Dark green, fine grained matrix with minor irregular and choatic patches of white calcite; V8mt - Trachyte mafic tuff Magnetism: Moderately magnetic Veinning: Chaotic white calcite veinning throughout Structure: Moderate to strong deformation with moderate to locally weak preferential alignment at 40-50 TCA. Alteration: Moderate prevasive chlorite, moderate to strong patchy pink calcite Mineralization: 2-3% fine grained disseminate Py mineralization Lower Contact: Not reached

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

684.20 - 687.00: FOL, 40.00, MOD, Moderately deformed with weak to moderate preferential alignment at 40-50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112157 | 684.2 | 685.5 | 1.3 | 0.085 | | | | |
| CAOND112158 | 685.5 | 687.0 | 1.5 | 0.061 | | | | |

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 18.7 | 21.0 | 83.00 | 100.00 | | | N | |
| 21.0 | 24.0 | 57.00 | 100.00 | | | N | |
| 24.0 | 27.0 | 67.00 | 100.00 | | | N | |
| 27.0 | 30.0 | 70.00 | 100.00 | | | N | |
| 30.0 | 33.0 | 78.00 | 100.00 | | | N | |
| 33.0 | 36.0 | 60.00 | 100.00 | | | N | |
| 36.0 | 39.0 | 57.00 | 100.00 | | | N | |
| 39.0 | 42.0 | 62.00 | 100.00 | | | N | |
| 42.0 | 45.0 | 80.00 | 100.00 | | | N | |
| 45.0 | 48.0 | 53.00 | 100.00 | | | N | |
| 48.0 | 51.0 | 65.00 | 100.00 | | | N | |
| 51.0 | 54.0 | 60.00 | 100.00 | | | N | |
| 54.0 | 57.0 | 67.00 | 100.00 | | | N | |

**Hole number:** KLUC18-503

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 57.0 | 60.0 | 68.00 | 100.00 | | | N | |
| 60.0 | 63.0 | 88.00 | 100.00 | | | N | |
| 63.0 | 66.0 | 88.00 | 100.00 | | | N | |
| 66.0 | 69.0 | 87.00 | 100.00 | | | N | |
| 69.0 | 72.0 | 90.00 | 100.00 | | | N | |
| 72.0 | 75.0 | 93.00 | 100.00 | | | N | |
| 75.0 | 78.0 | 87.00 | 100.00 | | | N | |
| 78.0 | 81.0 | 93.00 | 100.00 | | | N | |
| 81.0 | 84.0 | 87.00 | 100.00 | | | N | |
| 84.0 | 87.0 | 93.00 | 100.00 | | | N | |
| 87.0 | 90.0 | 73.00 | 100.00 | | | N | |
| 90.0 | 93.0 | 72.00 | 100.00 | | | N | |
| 93.0 | 96.0 | 53.00 | 100.00 | | | N | |
| 96.0 | 99.0 | 67.00 | 100.00 | | | N | |
| 99.0 | 102.0 | 93.00 | 100.00 | | | N | |
| 102.0 | 105.0 | 73.00 | 100.00 | | | N | |
| 105.0 | 108.0 | 67.00 | 100.00 | | | N | |
| 108.0 | 111.0 | 68.00 | 100.00 | | | N | |
| 111.0 | 114.0 | 57.00 | 100.00 | | | N | |
| 114.0 | 117.0 | 97.00 | 100.00 | | | N | |
| 117.0 | 120.0 | 100.00 | 100.00 | | | N | |
| 120.0 | 123.0 | 97.00 | 100.00 | | | N | |
| 123.0 | 126.0 | 70.00 | 100.00 | | | N | |
| 126.0 | 129.0 | 85.00 | 100.00 | | | N | |
| 129.0 | 132.0 | 85.00 | 100.00 | | | N | |
| 132.0 | 135.0 | 87.00 | 100.00 | | | N | |
| 135.0 | 138.0 | 78.00 | 100.00 | | | N | |
| 138.0 | 141.0 | 72.00 | 100.00 | | | N | |

**Hole number:** KLUC18-503

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 141.0 | 144.0 | 82.00 | 100.00 | | | N | |
| 144.0 | 147.0 | 78.00 | 100.00 | | | N | |
| 147.0 | 150.0 | 60.00 | 100.00 | | | N | |
| 150.0 | 153.0 | 93.00 | 100.00 | | | N | |
| 153.0 | 156.0 | 90.00 | 100.00 | | | N | |
| 156.0 | 159.0 | 72.00 | 100.00 | | | N | |
| 159.0 | 162.0 | 50.00 | 100.00 | | | N | |
| 162.0 | 165.0 | 65.00 | 100.00 | | | N | |
| 165.0 | 168.0 | 85.00 | 100.00 | | | N | |
| 168.0 | 171.0 | 95.00 | 100.00 | | | N | |
| 171.0 | 174.0 | 98.00 | 100.00 | | | N | |
| 174.0 | 177.0 | 95.00 | 100.00 | | | N | |
| 177.0 | 180.0 | 90.00 | 100.00 | | | N | |
| 180.0 | 183.0 | 75.00 | 100.00 | | | N | |
| 183.0 | 186.0 | 97.00 | 100.00 | | | N | |
| 186.0 | 189.0 | 85.00 | 100.00 | | | N | |
| 189.0 | 192.0 | 92.00 | 100.00 | | | N | |
| 192.0 | 195.0 | 87.00 | 100.00 | | | N | |
| 195.0 | 198.0 | 97.00 | 100.00 | | | N | |
| 198.0 | 201.0 | 95.00 | 100.00 | | | N | |
| 201.0 | 204.0 | 92.00 | 100.00 | | | N | |
| 204.0 | 207.0 | 97.00 | 100.00 | | | N | |
| 207.0 | 210.0 | 97.00 | 100.00 | | | N | |
| 210.0 | 213.0 | 90.00 | 100.00 | | | N | |
| 213.0 | 216.0 | 87.00 | 100.00 | | | N | |
| 216.0 | 219.0 | 83.00 | 100.00 | | | N | |
| 219.0 | 222.0 | 45.00 | 100.00 | | | N | |
| 222.0 | 225.0 | 88.00 | 100.00 | | | N | |

**Hole number:** KLUC18-503

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 225.0 | 228.0 | 93.00 | 100.00 | | | N | |
| 228.0 | 231.0 | 70.00 | 100.00 | | | N | |
| 231.0 | 234.0 | 63.00 | 100.00 | | | N | |
| 234.0 | 237.0 | 63.00 | 100.00 | | | N | |
| 237.0 | 240.0 | 65.00 | 100.00 | | | N | |
| 240.0 | 243.0 | 55.00 | 100.00 | | | N | |
| 243.0 | 246.0 | 93.00 | 100.00 | | | N | |
| 246.0 | 249.0 | 82.00 | 100.00 | | | N | |
| 249.0 | 252.0 | 93.00 | 100.00 | | | N | |
| 252.0 | 255.0 | 100.00 | 100.00 | | | N | |
| 255.0 | 258.0 | 100.00 | 100.00 | | | N | |
| 258.0 | 261.0 | 90.00 | 100.00 | | | N | |
| 261.0 | 264.0 | 90.00 | 100.00 | | | N | |
| 264.0 | 267.0 | 95.00 | 100.00 | | | N | |
| 267.0 | 270.0 | 93.00 | 100.00 | | | N | |
| 270.0 | 273.0 | 88.00 | 92.00 | | | N | |
| 273.0 | 276.0 | 95.00 | 100.00 | | | N | |
| 276.0 | 279.0 | 97.00 | 100.00 | | | N | |
| 279.0 | 282.0 | 98.00 | 100.00 | | | N | |
| 282.0 | 285.0 | 88.00 | 100.00 | | | N | |
| 285.0 | 288.0 | 90.00 | 100.00 | | | N | |
| 288.0 | 291.0 | 92.00 | 100.00 | | | N | |
| 291.0 | 294.0 | 33.00 | 100.00 | | | N | |
| 294.0 | 297.0 | 33.00 | 100.00 | | | N | |
| 297.0 | 300.0 | 53.00 | 100.00 | | | N | |
| 300.0 | 303.0 | 38.00 | 100.00 | | | N | |
| 303.0 | 306.0 | 7.00 | 100.00 | | | N | |
| 306.0 | 309.0 | 15.00 | 100.00 | | | N | |

**Hole number:** KLUC18-503

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 309.0 | 312.0 | 85.00 | 100.00 | | | N | |
| 312.0 | 315.0 | 17.00 | 100.00 | | | N | |
| 315.0 | 318.0 | 7.00 | 100.00 | | | N | |
| 318.0 | 321.0 | 17.00 | 100.00 | | | N | |
| 321.0 | 324.0 | 10.00 | 100.00 | | | N | |
| 324.0 | 327.0 | 30.00 | 100.00 | | | N | |
| 327.0 | 330.0 | 27.00 | 100.00 | | | N | |
| 330.0 | 333.0 | 0.00 | 100.00 | | | N | |
| 333.0 | 336.0 | 23.00 | 100.00 | | | N | |
| 336.0 | 339.0 | 57.00 | 100.00 | | | N | |
| 339.0 | 342.0 | 70.00 | 100.00 | | | N | |
| 342.0 | 345.0 | 38.00 | 100.00 | | | N | |
| 345.0 | 348.0 | 17.00 | 100.00 | | | N | |
| 348.0 | 351.0 | 17.00 | 100.00 | | | N | |
| 351.0 | 354.0 | 63.00 | 100.00 | | | N | |
| 354.0 | 357.0 | 43.00 | 100.00 | | | N | |
| 357.0 | 360.0 | 47.00 | 100.00 | | | N | |
| 360.0 | 363.0 | 67.00 | 100.00 | | | N | |
| 363.0 | 366.0 | 80.00 | 100.00 | | | N | |
| 366.0 | 369.0 | 43.00 | 100.00 | | | N | |
| 369.0 | 372.0 | 57.00 | 100.00 | | | N | |
| 372.0 | 375.0 | 40.00 | 100.00 | | | N | |
| 375.0 | 378.0 | 57.00 | 100.00 | | | N | |
| 378.0 | 381.0 | 80.00 | 100.00 | | | N | |
| 381.0 | 384.0 | 65.00 | 100.00 | | | N | |
| 384.0 | 387.0 | 80.00 | 100.00 | | | N | |
| 387.0 | 390.0 | 73.00 | 100.00 | | | N | |
| 390.0 | 393.0 | 38.00 | 100.00 | | | N | |

**Hole number:** KLUC18-503

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 393.0 | 396.0 | 72.00 | 100.00 | | | N | |
| 396.0 | 399.0 | 78.00 | 100.00 | | | N | |
| 399.0 | 402.0 | 97.00 | 100.00 | | | N | |
| 402.0 | 405.0 | 98.00 | 100.00 | | | N | |
| 405.0 | 408.0 | 75.00 | 100.00 | | | N | |
| 408.0 | 411.0 | 77.00 | 100.00 | | | N | |
| 411.0 | 414.0 | 97.00 | 100.00 | | | N | |
| 414.0 | 417.0 | 97.00 | 100.00 | | | N | |
| 417.0 | 420.0 | 82.00 | 100.00 | | | N | |
| 420.0 | 423.0 | 90.00 | 100.00 | | | N | |
| 423.0 | 426.0 | 82.00 | 100.00 | | | N | |
| 426.0 | 429.0 | 90.00 | 100.00 | | | N | |
| 429.0 | 432.0 | 57.00 | 100.00 | | | N | |
| 432.0 | 435.0 | 60.00 | 100.00 | | | N | |
| 435.0 | 438.0 | 63.00 | 100.00 | | | N | |
| 438.0 | 441.0 | 83.00 | 100.00 | | | N | |
| 441.0 | 444.0 | 78.00 | 100.00 | | | N | |
| 444.0 | 447.0 | 67.00 | 100.00 | | | N | |
| 447.0 | 450.0 | 65.00 | 100.00 | | | N | |
| 450.0 | 453.0 | 80.00 | 100.00 | | | N | |
| 453.0 | 456.0 | 80.00 | 100.00 | | | N | |
| 456.0 | 459.0 | 63.00 | 100.00 | | | N | |
| 459.0 | 462.0 | 83.00 | 100.00 | | | N | |
| 462.0 | 465.0 | 87.00 | 100.00 | | | N | |
| 465.0 | 468.0 | 67.00 | 100.00 | | | N | |
| 468.0 | 471.0 | 37.00 | 100.00 | | | N | |
| 471.0 | 474.0 | 50.00 | 100.00 | | | N | |
| 474.0 | 477.0 | 60.00 | 100.00 | | | N | |

**Hole number:** KLUC18-503

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 477.0 | 480.0 | 97.00 | 100.00 | | | N | |
| 480.0 | 483.0 | 97.00 | 100.00 | | | N | |
| 483.0 | 486.0 | 100.00 | 100.00 | | | N | |
| 486.0 | 489.0 | 100.00 | 100.00 | | | N | |
| 489.0 | 492.0 | 93.00 | 100.00 | | | N | |
| 492.0 | 495.0 | 98.00 | 100.00 | | | N | |
| 495.0 | 498.0 | 100.00 | 100.00 | | | N | |
| 498.0 | 501.0 | 100.00 | 100.00 | | | N | |
| 501.0 | 504.0 | 98.00 | 100.00 | | | N | |
| 504.0 | 507.0 | 97.00 | 100.00 | | | N | |
| 507.0 | 510.0 | 93.00 | 100.00 | | | N | |
| 510.0 | 513.0 | 100.00 | 100.00 | | | N | |
| 513.0 | 516.0 | 100.00 | 100.00 | | | N | |
| 516.0 | 519.0 | 100.00 | 100.00 | | | N | |
| 519.0 | 522.0 | 100.00 | 100.00 | | | N | |
| 522.0 | 525.0 | 100.00 | 100.00 | | | N | |
| 525.0 | 528.0 | 95.00 | 100.00 | | | N | |
| 528.0 | 531.0 | 92.00 | 100.00 | | | N | |
| 531.0 | 534.0 | 98.00 | 100.00 | | | N | |
| 534.0 | 537.0 | 98.00 | 100.00 | | | N | |
| 537.0 | 540.0 | 100.00 | 100.00 | | | N | |
| 540.0 | 543.0 | 95.00 | 100.00 | | | N | |
| 543.0 | 546.0 | 97.00 | 100.00 | | | N | |
| 546.0 | 549.0 | 97.00 | 100.00 | | | N | |
| 549.0 | 552.0 | 100.00 | 100.00 | | | N | |
| 552.0 | 555.0 | 100.00 | 100.00 | | | N | |
| 555.0 | 558.0 | 100.00 | 100.00 | | | N | |
| 558.0 | 561.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC18-503

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 561.0 | 564.0 | 100.00 | 100.00 | | | N | |
| 564.0 | 567.0 | 97.00 | 100.00 | | | N | |
| 567.0 | 570.0 | 100.00 | 100.00 | | | N | |
| 570.0 | 573.0 | 97.00 | 100.00 | | | N | |
| 573.0 | 576.0 | 98.00 | 100.00 | | | N | |
| 576.0 | 579.0 | 100.00 | 100.00 | | | N | |
| 579.0 | 582.0 | 95.00 | 100.00 | | | N | |
| 582.0 | 585.0 | 93.00 | 100.00 | | | N | |
| 585.0 | 588.0 | 98.00 | 100.00 | | | N | |
| 588.0 | 591.0 | 100.00 | 100.00 | | | N | |
| 591.0 | 594.0 | 100.00 | 100.00 | | | N | |
| 594.0 | 597.0 | 97.00 | 100.00 | | | N | |
| 597.0 | 600.0 | 100.00 | 100.00 | | | N | |
| 600.0 | 603.0 | 95.00 | 100.00 | | | N | |
| 603.0 | 606.0 | 97.00 | 100.00 | | | N | |
| 606.0 | 609.0 | 53.00 | 100.00 | | | N | |
| 609.0 | 612.0 | 80.00 | 100.00 | | | N | |
| 612.0 | 615.0 | 98.00 | 100.00 | | | N | |
| 615.0 | 618.0 | 92.00 | 100.00 | | | N | |
| 618.0 | 621.0 | 93.00 | 100.00 | | | N | |
| 621.0 | 624.0 | 98.00 | 100.00 | | | N | |
| 624.0 | 627.0 | 98.00 | 100.00 | | | N | |
| 627.0 | 630.0 | 100.00 | 100.00 | | | N | |
| 630.0 | 633.0 | 100.00 | 100.00 | | | N | |
| 633.0 | 636.0 | 100.00 | 100.00 | | | N | |
| 636.0 | 639.0 | 100.00 | 100.00 | | | N | |
| 639.0 | 642.0 | 97.00 | 100.00 | | | N | |
| 642.0 | 645.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC18-503

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 645.0 | 648.0 | 92.00 | 100.00 | | | N | |
| 648.0 | 651.0 | 92.00 | 100.00 | | | N | |
| 651.0 | 654.0 | 97.00 | 100.00 | | | N | |
| 654.0 | 657.0 | 100.00 | 100.00 | | | N | |
| 657.0 | 660.0 | 100.00 | 100.00 | | | N | |
| 660.0 | 663.0 | 100.00 | 100.00 | | | N | |
| 663.0 | 666.0 | 93.00 | 100.00 | | | N | |
| 666.0 | 669.0 | 97.00 | 100.00 | | | N | |
| 669.0 | 672.0 | 100.00 | 100.00 | | | N | |
| 672.0 | 675.0 | 100.00 | 100.00 | | | N | |
| 675.0 | 678.0 | 100.00 | 100.00 | | | N | |
| 678.0 | 681.0 | 100.00 | 100.00 | | | N | |
| 681.0 | 684.0 | 100.00 | 100.00 | | | N | |
| 684.0 | 687.0 | 97.00 | 100.00 | | | N | |

AGNICO EAGLE

# DRILL HOLE REPORT

## EXPLORATION CANADA ONTARIO

**Hole number:** KLUC18-504 **Project Number:** U_Canada **Project name:** Upper Canada

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Historic hole number:** | | **Collar survey:** | Y | **From:** | 0.0 | **Coordinates:** | P |
| **System:** | METRIC | **Verified:** | Y | **To:** | 273.0 | **Grid:** | UTM83-17_CSRS-2010: |
| **Target:** | U_CANADA | **Gas:** | N | **Depth:** | 273.0 | **North:** | 5,332,946.09 |
| **No. Claim:** | PAT-18824 | **Multishot survey:** | N | **Location:** | Surface | **East:** | 586,301.31 |
| **Year:** | 2 018 | **Is making water:** | N | **Core storage:** | Mine Site | **Elevation:** | 357.00 |
| **Date started:** | 8/25/2018 | **Object in hole:** | N | **Contractor:** | Asinii Drilling | **Collar dip:** | -43.90 |
| **Date logged:** | 2018-08-26 | **Pulse EM survey:** | N | **Logged by:** | Monica Oosterman | **Collar azimuth:** | 164.80 |
| **Date completed:** | 9/5/2018 | **Plugged:** | N | **Signature:** | | | |
| **Core size:** | NQ | **Cemented:** | N | | | | |
| **Hole type:** | DDH | **Branch:** | N | | | | |
| **Casing:** | Left in Hole, capped | **Reserve:** | | | | | |
| **Logging status:** | Geological Logging | | | | | | |
| **Rig number:** | 0105 | | | | | | |

**Additional sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Planned hole Pit-17 UCP18-050
Hole designed to test the upper Brock zone- set up hole on bedrock, many pits in the area. hole collared on mineralized syenite
Hole intersected a mineralized syenite- mafic syentite and porphyritic syentite to ~ 87.6m, trachytic rocks are to end of holt
Highlights:
8.7-86m several varies syenites which are weakly mineralized
86-90.6 sheared units which are more intensly mineralized
Quartz vein breccia 87.6-89.85m

**Assay average**

| Average type | From | To | Length | Width | Zone | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Pb_ppm | Ni_ppm | As_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WEIGHTED | 86.1 | 89.9 | 3.8 | | | 0.771 | | | | | | |
| WEIGHTED | 88.7 | 89.9 | 1.2 | | | 1.415 | | | | | | |

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 164.80 | -43.90 | S | O | |
| 30.0 | 167.03 | -44.13 | DS | O | 55222 |
| 90.0 | 166.49 | -43.41 | DS | O | 54449 |
| 150.0 | 167.32 | -43.13 | DS | O | 55130 |
| 252.0 | 167.01 | -41.77 | DS | O | 55322 |
| 12.0 | 167.20 | -44.20 | DS | O | 54891 |
| 60.0 | 166.26 | -44.19 | DS | O | 54515 |
| 120.0 | 166.34 | -43.41 | DS | O | 54817 |
| 210.0 | 168.67 | -42.33 | DS | O | 54966 |

**Hole number:** KLUC18-504

| Certificate |
|---|
| A19-811 |
| TM18226457 |
| TM18240265 |
| TM18240277 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505D18-004 | Excaon1 | CAOND111224 - CAOND111371<br>CAOND111952 - CAOND112406 |
| CXE5505D18-007 | Excaon1 | CAOND111372 - CAOND111500<br>CAOND112666 - CAOND112669<br>CAOND112671 - CAOND113005<br>CAOND113501 - CAOND113791 |
| CXE5505R19-025 | Excaon1 | CAOND109014<br>CAOND109018<br>CAOND109034<br>CAOND109038<br>CAOND109053<br>CAOND109056<br>CAOND109067<br>CAOND109072<br>CAOND109211<br>CAOND109287<br>CAOND109291<br>CAOND109294<br>CAOND109296<br>CAOND109318<br>CAOND109357<br>CAOND109369<br>CAOND109435<br>CAOND109438<br>CAOND109495<br>CAOND109503<br>CAOND109528<br>CAOND109535<br>CAOND109557<br>CAOND109564<br>CAOND109674<br>CAOND109677<br>CAOND109689<br>CAOND109691<br>CAOND109704<br>CAOND109710<br>CAOND109729<br>CAOND109751<br>CAOND109757<br>CAOND109764<br>CAOND109781 |

| Sample number | Standard |
|---|---|
| CAOND111290 | CDN-CM-28-AEM |
| CAOND111315 | CDN-CM-28-AEM |
| CAOND111320 | BLANK-DB |
| CAOND111330 | CDN-GS-5U-AEM |
| CAOND111345 | CDN-CM-28-AEM |
| CAOND111360 | CDN-CM-24-AEM |
| CAOND111370 | BLANK-DB |
| CAOND111375 | CDN-GS-5U-AEM |
| CAOND111389 | CDN-CM-28-AEM |
| CAOND111415 | CDN-CM-24-AEM |
| CAOND111420 | BLANK-DB |
| CAOND111430 | CDN-GS-5U-AEM |
| CAOND111445 | CDN-CM-28-AEM |
| CAOND111460 | CDN-CM-24-AEM |
| CAOND111470 | BLANK-DB |
| CAOND111475 | CDN-GS-5U-AEM |
| CAOND111490 | CDN-CM-28-AEM |

**Hole number:** KLUC18-504

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND109787 |
| | | CAOND109796 - CAOND109797 |
| | | CAOND109818 |
| | | CAOND109836 |
| | | CAOND109839 |
| | | CAOND109874 - CAOND109875 |
| | | CAOND109890 |
| | | CAOND109940 |
| | | CAOND109974 |
| | | CAOND109984 |
| | | CAOND110011 |
| | | CAOND110056 - CAOND110057 |
| | | CAOND110062 |
| | | CAOND110073 |
| | | CAOND110113 |
| | | CAOND110161 |
| | | CAOND110163 |
| | | CAOND110174 |
| | | CAOND110198 |
| | | CAOND110213 |
| | | CAOND110236 |
| | | CAOND110240 |
| | | CAOND110249 |
| | | CAOND110261 |
| | | CAOND110270 |
| | | CAOND110322 |
| | | CAOND110328 |
| | | CAOND110340 |
| | | CAOND110355 |
| | | CAOND110362 |
| | | CAOND110379 |
| | | CAOND110382 - CAOND110383 |
| | | CAOND110398 |
| | | CAOND110434 |
| | | CAOND110438 |
| | | CAOND110441 |
| | | CAOND110443 |
| | | CAOND110468 |
| | | CAOND110496 |
| | | CAOND110502 |
| | | CAOND110514 |
| | | CAOND110523 |
| | | CAOND110539 |

**Hole number:** KLUC18-504

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND110544 |
| | | CAOND110552 |
| | | CAOND110572 |
| | | CAOND110593 - CAOND110595 |
| | | CAOND110603 |
| | | CAOND110633 |
| | | CAOND110664 - CAOND110665 |
| | | CAOND110683 |
| | | CAOND110694 |
| | | CAOND110710 |
| | | CAOND110712 - CAOND110713 |
| | | CAOND110808 |
| | | CAOND110813 |
| | | CAOND110837 |
| | | CAOND110871 |
| | | CAOND110885 |
| | | CAOND110948 |
| | | CAOND110951 |
| | | CAOND110956 |
| | | CAOND110978 |
| | | CAOND111098 |
| | | CAOND111129 |
| | | CAOND111178 |
| | | CAOND111262 |
| | | CAOND111277 |
| | | CAOND111286 |
| | | CAOND111385 |
| | | CAOND111446 |
| | | CAOND111448 |
| | | CAOND111455 |
| | | CAOND111481 |
| | | CAOND111513 |
| | | CAOND111529 |
| | | CAOND111558 |
| | | CAOND111606 |
| | | CAOND111629 |
| | | CAOND111634 |
| | | CAOND111673 |
| | | CAOND111686 |
| | | CAOND111690 |
| | | CAOND111709 |
| | | CAOND111734 |
| | | CAOND111747 |

**Hole number:** KLUC18-504

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND111752 |
| | | CAOND111763 |
| | | CAOND111774 |
| | | CAOND111794 |
| | | CAOND111806 |
| | | CAOND111838 |
| | | CAOND111842 |
| | | CAOND111876 |
| | | CAOND111878 |
| | | CAOND111881 |
| | | CAOND111889 |
| | | CAOND111913 |
| | | CAOND111954 |
| | | CAOND111988 |
| | | CAOND112048 |
| | | CAOND112084 |
| | | CAOND112097 |
| | | CAOND112123 |
| | | CAOND112128 |
| | | CAOND112154 |
| | | CAOND112187 |
| | | CAOND112214 |
| | | CAOND112218 |
| | | CAOND112223 - CAOND112224 |
| | | CAOND112263 |
| | | CAOND112286 |
| | | CAOND112309 |
| | | CAOND112410 |
| | | CAOND112434 |
| | | CAOND112474 |
| | | CAOND112485 |
| | | CAOND112505 |
| | | CAOND112513 |
| | | CAOND112537 |
| | | CAOND112559 |
| | | CAOND112584 |
| | | CAOND112606 |
| | | CAOND112632 |
| | | CAOND112676 |
| | | CAOND112704 |
| | | CAOND112757 |
| | | CAOND112789 |
| | | CAOND112794 |

**Hole number:** KLUC18-504

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND112798 |
| | | CAOND112811 - CAOND112812 |
| | | CAOND112832 |
| | | CAOND112837 |
| | | CAOND112846 |
| | | CAOND112855 |
| | | CAOND112865 |
| | | CAOND112917 |
| | | CAOND112937 |
| | | CAOND112957 |
| | | CAOND112971 |
| | | CAOND113672 |
| | | CAOND113777 |
| | | CAOND113779 |
| | | CAOND113781 |
| | | CAOND113789 |
| | | CAOND114014 |
| | | CAOND114020 |
| | | CAOND114187 |
| | | CAOND114221 |
| | | CAOND114264 |
| | | CAOND114276 |
| | | CAOND115912 |
| | | CAOND115926 |
| | | CAOND115942 |
| | | CAOND115959 |
| | | CAOND115962 |
| | | CAOND115999 |
| | | CAOND116503 |
| | | CAOND116522 |
| | | CAOND116533 |
| | | CAOND116542 |
| | | CAOND116618 |
| | | CAOND116620 |
| | | CAOND116633 |
| | | CAOND116642 |
| | | CAOND116658 |
| | | CAOND116660 |
| | | CAOND116673 |

*The sample list may content samples from other holes

**Major:** **From:** 0.00 **To:** 1.50 OVB, Overburden

## Hole number: KLUC18-504

**Major:** **From:** 1.50 **To:** 7.30 I2D, Syénite

Sheared syentite - grain size reduction, deformation makes it difficult to define rock type Purple pink, fine grained, weakly magnetic, no calcite, is stronly altered with chlorite and hematite. Areas of core is bleached. Strongly mineralization which forms as fine to medium grained disseminated pyrite patches of up to 2 %, increased pyrite forms proximal to quartz. Where foliation can be seen it forms at 35 degrees. Defined by alteration and silicification. Quartz vein/quartz flooding noted from 3.4 to 3.55m - irregular crackle vein 2.30 to 2.70 low angle 1cm deformed quartz vein. Dismembered in places.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

1.50, 3.40, PYR, DIS, .01, -, FGR, -

3.07, 4.00, PYR, DIS, 2.00, -, MGR, Disseminated cubic pyrite associated with quartz flooding

4.00, 7.30, PYR, DIS, .50, -, VFG, dusting of pyrite

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

1.50, 7.30, CHL+, SEL, MOD, RED_00001, FGR, -, forms in fractures and as isolated patches

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

3.00, 7.30, SHR, WEAK, 40.00, -, -, -, Foliated conglomerate and grain size reduction of syentite

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

2.30, 2.50, QTZ, 1.00, 0.00, -, -, -, GRY_00025, 1.00, MAS, PYR, 3.00, `low angle vein with is wavy and irregular

3.40, 3.55, QTZ, 20.00, 40.00, -, -, -, GRY_00025, 10.00, IRM, PYR, 2.00, 10 cm band of crackle breccia infilled with quartz

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

6.20, 7.30, MAG, DIS, -, RED_00001, FGR, Disseminated and assoicated with chlorite. hard to give precent as cant see the MT, Thought to form interstial

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111277 | 1.5 | 3.0 | 1.5 | 0.038 | | | | |
| CAOND111278 | 3.0 | 4.0 | 1.0 | 0.073 | | | | |
| CAOND111279 | 4.0 | 5.0 | 1.0 | 0.059 | | | | |
| CAOND111281 | 5.0 | 6.0 | 1.0 | 0.136 | | | | |
| CAOND111282 | 6.0 | 7.3 | 1.3 | 0.028 | | | | |

**Major:** **From:** 7.30 **To:** 8.70 S1, CONGLOMÉRAT

Sheared Conglomerate - strongly S1 fabric Dark gray black matric and pink stretched clasts. Matix is strongly magnetic and contians pyrite mineralizaiton, mineralization appears to rim clasts. Clast contian calcite

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

7.30, 8.70, PYR, WIS, .50, -, FGR, pyrite associated with matrix form in matrix

**ALTERATION**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111283 | 7.3 | 8.1 | 0.8 | 0.051 | | | | |
| CAOND111284 | 8.1 | 8.7 | 0.6 | 0.065 | | | | |

**Hole number:** KLUC18-504

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
7.30, 8.70, CHL+, SEL, MOD, RED_00001, FGR, -, forms in fractures and as isolated patches

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
7.30, 8.70, SHR, WEAK, 40.00, -, -, -, Foliated conglomerate and grain size reduction of syentite

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
7.30, 8.70, MAG, DIS, -, RED_00001, FGR, Disseminated and assoicated with chlorite. hard to give precent as cant see the MT, Thought to form interstial

**Major: From:** 8.70 **To:** 11.30 I2Dp, Porphyritic Syenite

Mineralized syentic porphyry Dark brick red fine grained matrix with 0.1-0.3 laths of feldspar and calcite. Unit is uniformin appearance. Non magnetic. Calcite forms with feldspar and in fractures. Quartz infill of fractures also noticed at 40 degrees, Some are dimembered.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111285 | 8.7 | 10.1 | 1.4 | 0.025 | | | | |
| CAOND111286 | 10.1 | 11.3 | 1.2 | 0.068 | | | | |

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
8.70, 10.50, PYR, DIS, .50, -, FGR, Disseminated cubic pyrite
8.70, 11.30, PYR, DIS, .50, -, FGR, isolated blebs but majority is disseminated

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
8.70, 9.00, CHL+, SEL, MOD, RED_00001, FGR, -, forms in fractures and as isolated patches
9.00, 10.50, HEM+, PEN, STRONG, RED2_BASIC, FGR, -, -
10.50, 11.30, CHL+, PAT, MOD, RED_00001, FGR, -, clotts and minor fracture controlled chlorite

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
8.70, 11.30, QTZ_2, .50, 40.00, -, -, -, GRY_00025, -, FRA, PYR, .10, hairline fractures up to 1cm fractrues infilled with quartz

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
8.70, 11.30, MAG, DIS, -, RED_00001, FGR, Disseminated and assoicated with chlorite. hard to give precent as cant see the MT, Thought to form interstial

**Major: From:** 11.30 **To:** 16.00 I2Dmp, Syenite mafic porphyryitic

Mineralized Syenite with quatz eyes - possibly late quartz (Uncertian if this is a syentite Dark gray purple pinks, fine grained, massive, strongly magnetic, strongly hematitized. Uniform looking, 3% disseminated sulphides, Irregular patches of chlorite which are often assoicated with more blebby pyrite, irregular hairline fractures through out with calcite (but calcite is not dominate).

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111287 | 11.3 | 12.3 | 1.0 | 0.046 | | | | |
| CAOND111288 | 12.3 | 13.5 | 1.3 | 0.050 | | | | |
| CAOND111289 | 13.5 | 15.0 | 1.5 | 0.048 | | | | |

## Hole number: KLUC18-504

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
11.30, 16.00, PYR, DIS, .50, -, FGR, isolated blebs but majority is disseminated

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
11.30, 16.00, CHL+, PAT, MOD, RED_00001, FGR, -, clotts and minor fracture controlled chlorite

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
11.30, 16.00, MAG, DIS, -, RED_00001, FGR, Disseminated and assoicated with chlorite. hard to give precent as cant see the MT, Thought to form interstial

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111291 | 15.0 | 16.0 | 1.0 | 0.018 | | | | |

**Major: From:** 16.00 **To:** 18.35 S1, CONGLOMÉRAT

Mineralized undeformed conglomerate Dark black matrix with magnetite, chlorite and disseminated sulphide, with rounded pink felic clasts, on jasper clast noted, clast supported conglomerate 70% clasts 30 % matrix. up to 1% pyrite with an isolated bleb of chalcopyrite noted.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
16.00, 18.35, PYR, DIS, .50, -, VFG, Formed in matrix and some fragments are replaced by pyrite
17.60, 17.61, CPY, BBY, -, -, MGR, one bleb of Chalcopyrite

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
16.00, 18.35, CHL+, SEL, STRONG, RED_00001, FGR, -, formed in matrix of conglomerate

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
16.00, 18.35, MAG, DIS, -, RED_00001, FGR, Disseminated and assoicated with chlorite. hard to give precent as cant see the MT, Thought to form interstial

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111292 | 16.0 | 17.3 | 1.3 | 0.042 | | | | |
| CAOND111293 | 17.3 | 18.4 | 1.1 | 0.339 | | | | |

**Major: From:** 18.35 **To:** 21.00 I2Dm, Mafic Syenite

Mineralized dirty syentite Dark purple gray fine grained, massive, strongly magnetic, strongly hematitized. Uniform looking, weakly porphortic in places, 1% fine grained pyrite with patches of up to 3% medium grained disseminated pyrite, Irregular patches of chlorite which are often assoicated with more blebby pyrite, minor hairline fractures with calcite calcite.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
18.35, 18.55, PYR, DIS, .50, -, VFG, Formed in matrix and some fragments are replaced by pyrite
18.55, 21.00, PYR, DIS, 3.00, -, FGR, In general the unit contains 3 % pyrite but 10cm wide areas with up to 10%, increased sulphide seem to form with chlorite fractures.

**ALTERATION**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111294 | 18.4 | 19.5 | 1.1 | 0.023 | | | | |
| CAOND111295 | 19.5 | 21.0 | 1.5 | 0.014 | | | | |

**Hole number:** KLUC18-504

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
18.35, 18.55, CHL+, SEL, STRONG, RED_00001, FGR, -, formed in matrix of conglomerate
18.55, 21.00, CHL+, PAT, MOD, RED_00001, FGR, -, clotts of chlorite
18.55, 21.00, HEM+, PEN, WEAK, PNK2_BASIC, FGR, -, -

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
18.35, 21.00, MAG, DIS, -, RED_00001, FGR, Disseminated and assoicated with chlorite. hard to give precent as cant see the MT, Thought to form interstial

**Major:** **From:** 21.00 **To:** 36.00 I2Dmp, Syenite mafic porphyryitic

Mineralized mafic syentite porphyry - un deformed Purple gray, fine grained matrix with laths of felspsar, felspars are 0.3cm wide and are randomly orientated. Unit is massive and uniform in appearance. Alteration consists of hematite, calcite and irregular blebs of chlorite. Stronlgy magnetic and crackles infilled with calcite (hairline and discontinous), Very fine grained disseminated pyrite 1%

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
21.00, 33.00, PYR, DIS, 3.00, -, FGR, In general the unit contains 3 % pyrite but 10cm wide areas with up to 10%, increased sulphide seem to form with chlorite fractures.
33.00, 36.00, PYR, DIS, .50, -, VFG, dusting of pyrite with isoliated 10cm bands of up to 3%.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
21.00, 36.00, CHL+, PAT, MOD, RED_00001, FGR, -, clotts of chlorite
21.00, 36.00, HEM+, PEN, WEAK, PNK2_BASIC, FGR, -, -

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
21.00, 36.00, MAG, DIS, -, RED_00001, FGR, Disseminated and assoicated with chlorite. hard to give precent as cant see the MT, Thought to form interstial

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111296 | 21.0 | 22.5 | 1.5 | 0.122 | | | | |
| CAOND111297 | 22.5 | 24.0 | 1.5 | 0.210 | | | | |
| CAOND111298 | 24.0 | 25.5 | 1.5 | 0.072 | | | | |
| CAOND111299 | 25.5 | 27.0 | 1.5 | 0.135 | | | | |
| CAOND111301 | 27.0 | 28.5 | 1.5 | 0.110 | | | | |
| CAOND111302 | 28.5 | 30.0 | 1.5 | 0.064 | | | | |
| CAOND111303 | 30.0 | 31.5 | 1.5 | 0.054 | | | | |
| CAOND111304 | 31.5 | 33.0 | 1.5 | 0.044 | | | | |
| CAOND111305 | 33.0 | 34.5 | 1.5 | 0.051 | | | | |
| CAOND111306 | 34.5 | 36.0 | 1.5 | 0.092 | | | | |

**Major:** **From:** 36.00 **To:** 44.35 I2Dp, Porphyritic Syenite

Syentic porphyry- Undeformed Dark brick red fine grained matrix with 0.1-0.3 laths of feldspar,no calcite. Unit is uniform in appearance, masive, Non magnetic. trace amount of disseminated sulphide

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
36.00, 44.35, PYR, DIS, .50, -, VFG, dusting of pyrite with isoliated 10cm bands of up to 3%.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
36.00, 43.50, CHL+, PAT, MOD, RED_00001, FGR, -, clotts of chlorite
36.00, 43.50, HEM+, PEN, WEAK, PNK2_BASIC, FGR, -, -
43.50, 44.35, HEM+, PEN, STRONG, RED2_BASIC, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111307 | 36.0 | 37.5 | 1.5 | 0.031 | | | | |
| CAOND111308 | 37.5 | 39.0 | 1.5 | 0.008 | | | | |
| CAOND111309 | 39.0 | 40.5 | 1.5 | 0.020 | | | | |
| CAOND111310 | 40.5 | 42.0 | 1.5 | 0.014 | | | | |
| CAOND111311 | 42.0 | 43.5 | 1.5 | 0.021 | | | | |
| CAOND111312 | 43.5 | 44.4 | 0.9 | 0.049 | | | | |

**Hole number:** KLUC18-504

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
36.00, 44.35, MAG, DIS, -, RED_00001, FGR, Disseminated and assoicated with chlorite. hard to give precent as cant see the MT, Thought to form interstial

**Major:** **From:** 44.35 **To:** 45.60 I2Dmp, Syenite mafic porphyryitic

Mineralized mafic syenite porphyry undeformed. Purple gray, fine grained matrix with laths of felspsar, felspars are 0.3cm wide and are randomly orientated. Unit is massive and uniform in appearance. Alteration consists of hematite, calcite and irregular blebs of chlorite. Stronlgy magnetic and crackles infilled with calcite (hairline and discontinous), Very fine grained disseminated pyrite 0.5%

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
44.35, 45.60, PYR, DIS, .50, -, VFG, dusting of pyrite with isoliated 10cm bands of up to 3%.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
44.35, 45.60, CHL+, PAT, MOD, RED_00001, -, -, -

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
44.35, 45.60, MAG, DIS, -, RED_00001, FGR, Disseminated and assoicated with chlorite. hard to give precent as cant see the MT, Thought to form interstial

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111313 | 44.4 | 45.6 | 1.3 | 0.123 | | | | |

**Major:** **From:** 45.60 **To:** 46.60 CNR, Core Not Recovered

Void possible drift

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
45.60, 46.60, PYR, DIS, .50, -, VFG, dusting of pyrite with isoliated 10cm bands of up to 3%.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
45.60, 46.60, CHL+, PAT, MOD, RED_00001, -, -, -

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
45.60, 46.60, MAG, DIS, -, RED_00001, FGR, Disseminated and assoicated with chlorite. hard to give precent as cant see the MT, Thought to form interstial

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| KLUC18-504-001 | 45.6 | 46.6 | 1.0 | | | | | |

**Major:** **From:** 46.60 **To:** 48.80 I2Dmp, Syenite mafic porphyryitic

Mineralized mafic syenite porphyry undeformed. Purple gray, fine grained matrix with laths of felspsar, felspars are 0.3cm wide and are randomly orientated. Unit is massive and uniform in appearance.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111314 | 46.6 | 47.9 | 1.3 | 0.062 | | | | |

## Hole number: KLUC18-504

Alteration consists of hematite, calcite and irregular blebs of chlorite. Stronlgy magnetic and crackles infilled with calcite (hairline and discontinous), Very fine grained disseminated pyrite 0.5%

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

46.60, 48.80, PYR, DIS, .50, -, VFG, dusting of pyrite with isoliated 10cm bands of up to 3%.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

46.60, 48.80, CHL+, PAT, MOD, RED_00001, -, -, -

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

46.60, 48.80, MAG, DIS, -, RED_00001, FGR, Disseminated and assoicated with chlorite. hard to give precent as cant see the MT, Thought to form interstial

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111316 | 47.9 | 48.8 | 0.9 | 0.047 | | | | |

**Major:** **From:** 48.80 **To:** 51.00 I2D, Syénite

Undeformed syentite Dark brick red, fine grained, massive, weakmagnetic, strongly hematitized. Uniform looking, -0.5% disseminated sulphides, Irregular patches of chlorite which are often assoicated with more blebby pyrite, irregular hairline fractures through out with calcite (but calcite is not dominate). Grades into dirty looking syentite

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

48.80, 51.00, PYR, DIS, .50, -, VFG, dusting of pyrite with isoliated 10cm bands of up to 3%.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

48.80, 51.00, HEM+, PEN, STRONG, RED2_BASIC, FGR, -, -

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

48.80, 51.00, MAG, DIS, -, RED_00001, FGR, Disseminated and assoicated with chlorite. hard to give precent as cant see the MT, Thought to form interstial

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111317 | 48.8 | 50.0 | 1.2 | 0.031 | | | | |
| CAOND111318 | 50.0 | 51.0 | 1.0 | 0.034 | | | | |

**Major:** **From:** 51.00 **To:** 56.20 I2Dm, Mafic Syenite

Dirty looking syentite- weak mineralization 0.5% Light pink to purple with wisps and blebs of chlorite, stronlgy magnetic, fine grained disseminated pyrite. less mineralized then top of hole. Possilbe mixing of mafic and felsic syentite. Gradational contacts

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

51.00, 56.20, PYR, DIS, .50, -, VFG, dusting of pyrite with isoliated 10cm bands of up to 3%.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111319 | 51.0 | 52.5 | 1.5 | 0.023 | | | | |
| CAOND111321 | 52.5 | 54.0 | 1.5 | 0.023 | | | | |
| CAOND111322 | 54.0 | 55.0 | 1.0 | 0.126 | | | | |
| CAOND111323 | 55.0 | 56.2 | 1.2 | 0.154 | | | | |

**Hole number:** KLUC18-504

51.00, 56.20, HEM+, PEN, STRONG, RED2_BASIC, FGR, -, -

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
51.00, 56.20, MAG, DIS, -, RED_00001, FGR, Disseminated and assoicated with chlorite. hard to give precent as cant see the MT, Thought to form interstial

**Major:** **From:** 56.20 **To:** 60.00 I2D, Syénite

Mineralized Syenitite porphortic syentite - Fine grained brick red matrix and up to 0.5cm wide laths of feldspar. Unit is strongly magnetic, and contains blebs/clotts of pyrite up to 0.5cm wide. Sulphides also seen disseminated in unit. Blebs thought to be replacement of mineral. Strong interstitial calcite, chlorite froms in wispy irregular hairline fractures.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
56.20, 60.00, PYR, BBY, 10.00, -, MGR, Blebs and disseminated sulphide. blebs appear to be replacement
56.20, 60.00, PYR, DIS, 5.00, -, VFG, dusting of pyrite with some fine grained dissmeminated pyrite. Evenly through out different lithos

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
56.20, 60.00, HEM+, PEN, STRONG, RED2_BASIC, FGR, -, -

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
56.20, 58.35, MAG, DIS, -, RED_00001, FGR, Disseminated and assoicated with chlorite. hard to give precent as cant see the MT, Thought to form interstial
58.35, 60.00, MAG, PAT, -, RED_00001, FGR, weak magnetism.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111324 | 56.2 | 57.6 | 1.4 | 0.024 | | | | |
| CAOND111326 | 57.6 | 59.0 | 1.4 | 0.069 | | | | |
| CAOND111327 | 59.0 | 60.0 | 1.0 | 0.017 | | | | |

**Major:** **From:** 60.00 **To:** 64.55 I2Dmp, Syenite mafic porphyryitic

Mineralized mafic syenite porphyry undeforme - Purple gray, fine grained matrix with laths of felspsar, felspars are 0.3cm wide and are randomly orientated. Unit is massive and uniform in appearance. Alteration consists of hematite, calcite and irregular blebs of chlorite. Stronlgy magnetic and crackles infilled with calcite (hairline and discontinous), Very fine grained disseminated pyrite 1%. 64.15-64.55m quartz vein

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
60.00, 64.55, PYR, DIS, 5.00, -, VFG, dusting of pyrite with some fine grained dissmeminated pyrite. Evenly through out different lithos

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
60.00, 61.00, HEM+, PEN, STRONG, RED2_BASIC, FGR, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111328 | 60.0 | 61.5 | 1.5 | 0.175 | | | | |
| CAOND111329 | 61.5 | 63.0 | 1.5 | 0.130 | | | | |
| CAOND111331 | 63.0 | 64.2 | 1.2 | 0.076 | | | | |
| CAOND111332 | 64.2 | 65.1 | 0.9 | 0.042 | | | | |

**Hole number:** KLUC18-504

61.00, 63.00, HEM+, PEN, WEAK, PNK2_BASIC, FGR, -, -
63.00, 64.55, SER+, PEN, STRONG, GRN2_BASIC, FGR, -, light gray green, bleaching of rock.

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS
64.15, 64.55, QTZ, 30.00, 80.00, -, -, -, GRY_00025, 15.00, MAS, PYR, 5.00, white bullish quartz vein. Looks late

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
60.00, 64.55, MAG, DIS, -, RED_00001, FGR, -

**Major:** **From:** 64.55 **To:** 68.00 S3, GRAUWACKE

Mineralized wacke - Dark grey, fine grained, weakly magnetic, isolated patches of calcite (veinlets???). interstial chlorite alteration through out unit. Disseminated pyrite 3%. 66.30-66.60m irregular quartz vein.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
64.55, 68.00, PYR, DIS, 5.00, -, VFG, dusting of pyrite with some fine grained dissmeminated pyrite. Evenly through out different lithos

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
64.55, 68.00, SER+, PEN, STRONG, GRN2_BASIC, FGR, -, light gray green, bleaching of rock.

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS
66.30, 66.60, QTZ, 20.00, 45.00, -, -, -, GRY_00025, -, MAS, PYR, 0.00, Irregular bullish veins with no pyrite

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
64.55, 68.00, MAG, DIS, -, RED_00001, FGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111333 | 65.1 | 66.0 | 0.9 | 0.157 | | | | |
| CAOND111334 | 66.0 | 66.6 | 0.6 | 0.048 | | | | |
| CAOND111335 | 66.6 | 68.0 | 1.4 | 0.128 | | | | |

**Major:** **From:** 68.00 **To:** 86.10 I2D, Syénite

Mineralized syenite with xenoliths Pink, fine grained, strongly magnetic, strongly hematitized. Uniform looking, Variable amounts of disseminated and fracture controlled pyrite up to 10% (see mineralization tab). Black choritic mm to cm scale zenolith noted (70.5-72m), anastomosing hairline randomly oriented fractures with in unit infilled with chlorite. Minimal calcite, when seen it is forming in hairline discontious fractures.

**MINERALIZATION**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111336 | 68.0 | 69.5 | 1.5 | 0.172 | | | | |
| CAOND111337 | 69.5 | 71.0 | 1.5 | 0.764 | | | | |
| CAOND111338 | 71.0 | 72.5 | 1.5 | 0.012 | | | | |
| CAOND111339 | 72.5 | 74.0 | 1.5 | 0.054 | | | | |

**Hole number:** KLUC18-504

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
76.70, 77.80, PYR, DIS, 5.00, -, FGR, disseminated and fracture controlled
78.00, 78.85, PYR, FRF, 10.00, -, FGR, fracture and disseminated
80.20, 80.40, PYR, SMA, 3.00, -, MGR, 1cm wide semi-massive pyrite veinlet
85.45, 86.10, PYR, DIS, 1.00, -, FGR, -

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
68.00, 86.10, HEM+, PEN, MOD, PNK2_BASIC, FGR, -, pink syentite

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
68.00, 86.10, MAG, DIS, -, RED_00001, FGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111340 | 74.0 | 75.0 | 1.0 | 0.023 | | | | |
| CAOND111341 | 75.0 | 76.0 | 1.0 | 0.011 | | | | |
| CAOND111342 | 76.0 | 76.7 | 0.7 | 0.028 | | | | |
| CAOND111343 | 76.7 | 78.0 | 1.3 | 0.148 | | | | |
| CAOND111344 | 78.0 | 78.8 | 0.8 | 0.287 | | | | |
| CAOND111346 | 78.8 | 80.2 | 1.5 | 0.242 | | | | |
| CAOND111347 | 80.2 | 81.7 | 1.5 | 0.207 | | | | |
| CAOND111348 | 81.7 | 82.5 | 0.8 | 0.091 | | | | |
| CAOND111349 | 82.5 | 84.0 | 1.5 | 0.029 | | | | |
| CAOND111351 | 84.0 | 85.5 | 1.5 | 0.021 | | | | |
| CAOND111352 | 85.5 | 86.1 | 0.7 | 0.138 | | | | |

**Major:** **From:** 86.10 **To:** 87.60 S3, GRAUWACKE

Sheared mineralized sediments (Shear zone) Light green gray, strongly foliated at 50 degrees, strong sericite, non magnetic, protomylontic (starting to get melasomes and lucosomes). 0.5% disseminated sulphide. Strong ankerite no calcite

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
86.10, 87.60, ANK+, PEN, STRONG, GRY_00025, FGR, -, Stained blue.
86.10, 87.60, SER+, PEN, STRONG, GRN2_BASIC, FGR, -, LIght green gray

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
86.10, 87.60, SZN, MOD, 70.00, -, -, -, Strongly foliated, brecciated quartz veins and fault gauge.

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
86.10, 87.60, MAG, DIS, -, RED_00001, FGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111353 | 86.1 | 87.6 | 1.5 | 0.315 | | | | |

**Major:** **From:** 87.60 **To:** 89.85 VN, Veine

Sheared mineralized brecciated quartz veins (shear zone) White brecciated quartz vein, angular large clasts of quartz with altered sercite matrix (similar to sediment unit above), strong sercite and wisps of fine grained pyrite in wall rock. 10% vein 90% wall rock. 0.5% dissemianted pyrite. Calcite is not present, strong ankerite noted (blue staining). 88-88.65m does not contian any quartz veins and contians no ankerite but does have calcite.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
87.60, 89.85, ANK+, PEN, STRONG, GRY_00025, FGR, -, Stained blue.
87.60, 89.85, SER+, PEN, STRONG, GRN2_BASIC, FGR, -, LIght green gray

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111354 | 87.6 | 88.0 | 0.4 | 0.823 | | | | |
| CAOND111355 | 88.0 | 88.7 | 0.7 | 0.602 | | | | |
| CAOND111356 | 88.7 | 89.9 | 1.2 | 1.415 | | | | |

**Hole number:** KLUC18-504

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
87.60, 89.85, SZN, MOD, 70.00, -, -, -, Strongly foliated, brecciated quartz veins and fault gauge.

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
87.60, 88.00, QtzAnk, 5.00, 70.00, -, -, -, GRY_00025, 1.00, BHY, PYR, .50, Brecciated veins with sediment matrix, strongly altered.
88.65, 89.85, QtzAnk, 5.00, 70.00, -, -, -, GRY_00025, 1.00, DFM, PYR, .50, Stretched and bulbous looking veins, discontinous, form along fabric of rock. More ductile looking then prevous vein.

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
87.60, 89.85, MAG, DIS, -, RED_00001, FGR, -

**Major:** **From:** 89.85 **To:** 90.65 Mam, Amphibolite

Mineralized Mafic to ultramafic dyke Black, coarse grained, soft, massive, rock with 5% disseminated pyrite, wisps of epidote alteraiton in fractures. upper contact is fault gauge and lower contact is sharp at 70 degrees. Weakly magentic. Carbonatate in hairline fractures.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
89.85, 90.65, PYR, DIS, 5.00, -, MGR, -

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
89.85, 90.65, CAL+, SEL, STRONG, GRY_00025, FGR, -, form in fragments
89.85, 90.65, HEM+, SEL, STRONG, PNK2_BASIC, FGR, -, form in fragments

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
89.85, 89.90, SZN, MOD, 70.00, -, -, -, Strongly foliated, brecciated quartz veins and fault gauge.

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
89.85, 90.65, MAG, DIS, -, RED_00001, FGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111357 | 89.9 | 90.7 | 0.8 | 0.175 | | | | |

**Major:** **From:** 90.65 **To:** 93.70 S3, GRAUWACKE

Mineralized Wacke (foliated to massive) Light gray foliated rock(sheared) and massive gray rock (no deformation), Strongly magnetic, very fine grained disseminated sulphides 1%. Sharp lower contact with tuff.

**MINERALIZATION**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111358 | 90.7 | 91.5 | 0.9 | 0.212 | | | | |
| CAOND111359 | 91.5 | 92.5 | 1.0 | 0.211 | | | | |
| CAOND111361 | 92.5 | 93.7 | 1.2 | 0.117 | | | | |

**Hole number:** KLUC18-504

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
90.65, 92.10, PYR, DIS, 1.00, -, VFG, dusting

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
90.65, 93.70, CAL+, SEL, STRONG, GRY_00025, FGR, -, form in fragments
90.65, 93.70, HEM+, SEL, STRONG, PNK2_BASIC, FGR, -, form in fragments

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
90.65, 93.70, MAG, DIS, -, RED_00001, FGR, -

**Major:** **From:** 93.70 **To:** 120.00 V8mtl, Trachyte mafic tuff lapilli

Mafic Lapilli tuff - magentic- Calcite - undeformed Fine grained black matrix which is strongly magnetic, light pink fragments, majority are angular some are rounded, elongated along foliation at 40 degrees, Strong calcite and hematite (form in fragments), In general unit does not contian sulphides but some isolated areas trace amount of disseminated pyrite noted

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
93.70, 120.00, CAL+, SEL, STRONG, GRY_00025, FGR, -, form in fragments
93.70, 120.00, HEM+, SEL, STRONG, PNK2_BASIC, FGR, -, form in fragments

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
96.00, 120.00, FOL, WEAK, 50.00, -, -, -, alignement of fragments

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
93.70, 120.00, MAG, DIS, -, RED_00001, FGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111362 | 93.7 | 95.0 | 1.3 | 0.036 | | | | |
| CAOND111363 | 95.0 | 96.0 | 1.0 | 0.038 | | | | |
| CAOND111364 | 96.0 | 97.5 | 1.5 | 0.016 | | | | |
| CAOND111365 | 97.5 | 99.0 | 1.5 | 0.005 | | | | |
| CAOND111366 | 99.0 | 100.5 | 1.5 | 0.008 | | | | |
| CAOND111367 | 100.5 | 102.0 | 1.5 | 0.015 | | | | |
| CAOND111368 | 102.0 | 103.5 | 1.5 | 0.018 | | | | |
| CAOND111369 | 103.5 | 105.0 | 1.5 | 0.019 | | | | |
| CAOND111371 | 105.0 | 106.5 | 1.5 | 0.012 | | | | |
| CAOND111372 | 106.5 | 108.0 | 1.5 | 0.018 | | | | |
| CAOND111373 | 108.0 | 109.5 | 1.5 | 0.010 | | | | |
| CAOND111374 | 109.5 | 111.0 | 1.5 | 0.010 | | | | |
| CAOND111376 | 111.0 | 112.5 | 1.5 | 0.003 | | | | |
| CAOND111377 | 112.5 | 114.0 | 1.5 | 0.089 | | | | |
| CAOND111378 | 114.0 | 115.5 | 1.5 | 0.047 | | | | |
| CAOND111379 | 115.5 | 117.0 | 1.5 | 0.030 | | | | |
| CAOND111381 | 117.0 | 118.5 | 1.5 | 0.021 | | | | |
| CAOND111382 | 118.5 | 120.0 | 1.5 | 0.032 | | | | |

**Major:** **From:** 120.00 **To:** 126.00 V8Agg, Trachyte Agglomerate

Mafic Lapilli Agglomerate - magentic- Calcite - undeformed Fine grained black matrix which is strongly magnetic, light pink fragments, majority are angular, Strong calcite and hematite (form in fragments), In general unit does not contian sulphides but some isolated areas trace amount of disseminated pyrite noted

**ALTERATION**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111383 | 120.0 | 121.5 | 1.5 | 0.055 | | | | |
| CAOND111384 | 121.5 | 123.0 | 1.5 | 0.018 | | | | |
| CAOND111385 | 123.0 | 124.5 | 1.5 | 0.013 | | | | |
| CAOND111386 | 124.5 | 126.0 | 1.5 | 0.012 | | | | |

**Hole number:** KLUC18-504

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
120.00, 126.00, CAL+, SEL, STRONG, GRY_00025, FGR, -, form in fragments
120.00, 126.00, HEM+, SEL, STRONG, PNK2_BASIC, FGR, -, form in fragments

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
120.00, 126.00, FOL, WEAK, 50.00, -, -, -, alignement of fragments

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
120.00, 126.00, MAG, DIS, -, RED_00001, FGR, -

**Major:** **From:** 126.00 **To:** 195.40 V8mtl, Trachyte mafic tuff lapilli

Mafic Lapilli tuff - magentic- Calcite - undeformed Fine grained black matrix which is strongly magnetic, light pink fragments, majority are angular some are rounded, elongated along foliation at 40 degrees, Strong calcite and hematite (form in fragments), In general unit does not contian sulphides but some isolated areas trace amount of disseminated pyrite noted

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
154.80, 155.45, PYR, DIS, 1.00, -, FGR, fine grained disseminated pyrite associated with stringers of quartz
155.45, 155.60, PYR, DIS, 8.00, -, FGR, Fine grained pyrite associated with quartz feldspar stringers.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
126.00, 195.40, CAL+, SEL, STRONG, GRY_00025, FGR, -, form in fragments
126.00, 195.40, HEM+, SEL, STRONG, PNK2_BASIC, FGR, -, form in fragments
145.10, 146.50, SER+, PEN, STRONG, GRY2_BASIC, FGR, -, bleaching of core

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
126.00, 195.40, FOL, WEAK, 50.00, -, -, -, alignement of fragments

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
164.75, 166.60, FSP, 3.00, 10.00, -, -, -, GRY_00025, 1.00, DFM, -, -, Weakly boudinaged

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
126.00, 195.40, MAG, DIS, -, RED_00001, FGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111387 | 126.0 | 127.5 | 1.5 | 0.016 | | | | |
| CAOND111388 | 127.5 | 129.0 | 1.5 | 0.019 | | | | |
| CAOND111390 | 129.0 | 130.5 | 1.5 | 0.016 | | | | |
| CAOND111391 | 130.5 | 132.0 | 1.5 | 0.007 | | | | |
| CAOND111392 | 132.0 | 133.5 | 1.5 | 0.010 | | | | |
| CAOND111393 | 133.5 | 135.0 | 1.5 | 0.003 | | | | |
| CAOND111394 | 135.0 | 136.5 | 1.5 | 0.011 | | | | |
| CAOND111395 | 136.5 | 138.0 | 1.5 | 0.007 | | | | |
| CAOND111396 | 138.0 | 139.5 | 1.5 | 0.010 | | | | |
| CAOND111397 | 139.5 | 141.0 | 1.5 | 0.018 | | | | |
| CAOND111398 | 141.0 | 142.5 | 1.5 | 0.010 | | | | |
| CAOND111399 | 142.5 | 144.0 | 1.5 | 0.014 | | | | |
| CAOND111401 | 144.0 | 145.0 | 1.0 | 0.017 | | | | |
| CAOND111402 | 145.0 | 146.5 | 1.5 | 0.144 | | | | |
| CAOND111403 | 146.5 | 148.0 | 1.5 | 0.010 | | | | |
| CAOND111404 | 148.0 | 149.5 | 1.5 | 0.007 | | | | |
| CAOND111405 | 149.5 | 151.0 | 1.5 | 0.006 | | | | |
| CAOND111406 | 151.0 | 152.5 | 1.5 | 0.006 | | | | |
| CAOND111407 | 152.5 | 153.5 | 1.0 | 0.009 | | | | |
| CAOND111408 | 153.5 | 154.5 | 1.0 | 0.010 | | | | |
| CAOND111409 | 154.5 | 155.6 | 1.1 | 0.302 | | | | |
| CAOND111410 | 155.6 | 156.5 | 0.9 | 0.077 | | | | |
| CAOND111411 | 156.5 | 158.0 | 1.5 | 0.008 | | | | |

**Hole number:** KLUC18-504

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111412 | 158.0 | 159.5 | 1.5 | 0.006 | | | | |
| CAOND111413 | 159.5 | 161.0 | 1.5 | 0.012 | | | | |
| CAOND111414 | 161.0 | 162.5 | 1.5 | 0.003 | | | | |
| CAOND111416 | 162.5 | 164.0 | 1.5 | 0.003 | | | | |
| CAOND111417 | 164.0 | 165.5 | 1.5 | 0.003 | | | | |
| CAOND111418 | 165.5 | 167.0 | 1.5 | 0.003 | | | | |
| CAOND111419 | 167.0 | 168.5 | 1.5 | 0.010 | | | | |
| CAOND111421 | 168.5 | 170.0 | 1.5 | 0.017 | | | | |
| CAOND111422 | 170.0 | 171.5 | 1.5 | 0.023 | | | | |
| CAOND111423 | 171.5 | 173.0 | 1.5 | 0.006 | | | | |
| CAOND111424 | 173.0 | 174.5 | 1.5 | 0.005 | | | | |
| CAOND111426 | 174.5 | 176.0 | 1.5 | 0.003 | | | | |
| CAOND111427 | 176.0 | 177.5 | 1.5 | 0.007 | | | | |
| CAOND111428 | 177.5 | 179.0 | 1.5 | 0.008 | | | | |
| CAOND111429 | 179.0 | 180.5 | 1.5 | 0.009 | | | | |
| CAOND111431 | 180.5 | 182.0 | 1.5 | 0.008 | | | | |
| CAOND111432 | 182.0 | 183.5 | 1.5 | 0.021 | | | | |
| CAOND111433 | 183.5 | 185.0 | 1.5 | 0.078 | | | | |
| CAOND111434 | 185.0 | 186.5 | 1.5 | 0.017 | | | | |
| CAOND111435 | 186.5 | 188.0 | 1.5 | 0.009 | | | | |
| CAOND111436 | 188.0 | 189.5 | 1.5 | 0.006 | | | | |
| CAOND111437 | 189.5 | 191.0 | 1.5 | 0.028 | | | | |
| CAOND111438 | 191.0 | 192.5 | 1.5 | 0.009 | | | | |
| CAOND111439 | 192.5 | 194.0 | 1.5 | 0.014 | | | | |
| CAOND111440 | 194.0 | 195.4 | 1.4 | 0.014 | | | | |

**Major:** **From:** 195.40 **To:** 224.20 V8mt, Trachyte mafic tuff

Undeformed mafic tuff and mafic flow - Black and white, stronlgy foliated at 50 degrees, strong foliation (S1), stronlgy magnetic, minor sulphides, strong calcite, Weak sercite alteration, possible chorite.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

195.40, 224.20, CAL+, INT, STRONG, GRY_00025, FGR, -, Fine grained interstial calcite.

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111441 | 195.4 | 196.5 | 1.1 | 0.013 | | | | |
| CAOND111442 | 196.5 | 198.0 | 1.5 | 0.007 | | | | |
| CAOND111443 | 198.0 | 199.5 | 1.5 | 0.009 | | | | |
| CAOND111444 | 199.5 | 201.0 | 1.5 | 0.006 | | | | |
| CAOND111446 | 201.0 | 202.5 | 1.5 | 0.003 | | | | |
| CAOND111447 | 202.5 | 204.0 | 1.5 | 0.010 | | | | |
| CAOND111448 | 204.0 | 205.5 | 1.5 | 0.009 | | | | |

**Hole number:** KLUC18-504

195.40, 224.20, FOL, WEAK, 50.00, -, -, -, alignement of fragments

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

195.40, 224.20, MAG, DIS, -, RED_00001, FGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111449 | 205.5 | 207.0 | 1.5 | 0.010 | | | | |
| CAOND111451 | 207.0 | 208.5 | 1.5 | 0.009 | | | | |
| CAOND111452 | 208.5 | 210.0 | 1.5 | 0.010 | | | | |
| CAOND111453 | 210.0 | 211.5 | 1.5 | 0.010 | | | | |
| CAOND111454 | 211.5 | 213.0 | 1.5 | 0.014 | | | | |
| CAOND111455 | 213.0 | 214.5 | 1.5 | 0.014 | | | | |
| CAOND111456 | 214.5 | 216.0 | 1.5 | 0.017 | | | | |
| CAOND111457 | 216.0 | 217.5 | 1.5 | 0.012 | | | | |
| CAOND111458 | 217.5 | 219.0 | 1.5 | 0.003 | | | | |
| CAOND111459 | 219.0 | 220.5 | 1.5 | 0.005 | | | | |
| CAOND111461 | 220.5 | 222.0 | 1.5 | 0.005 | | | | |
| CAOND111462 | 222.0 | 223.5 | 1.5 | 0.005 | | | | |
| CAOND111463 | 223.5 | 224.2 | 0.7 | 0.032 | | | | |

**Major:** **From:** 224.20 **To:** 247.00 V8m, Trachyte mafic

Mineralized mafic Trachyte - undeformed Fine grained gray, moderately foliated @ 50 degrees, strongly magnetic calcite content is variable, calcite range from strong interstial and fracture filled calcite to minor fracture controlled calcite, Did not observe direct corralation to calcite and pyrite. uniform looking flow with minor fragments. Unit contians trace to 3% fine grained pyrite. Unit contians soe minor thin (0.2wide) quartz veins. Gradational contacts

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

229.70, 231.40, PYR, DIS, .50, -, VFG, dusting
231.40, 232.70, PYR, DIS, 3.00, -, VFG, dusting
233.20, 233.35, PYR, DIS, 5.00, -, FGR, -
234.85, 235.10, PYR, DIS, 3.00, -, FGR, -
240.30, 240.80, PYR, DIS, 3.00, -, VFG, -
243.85, 244.30, PYR, DIS, 5.00, -, VFG, -
244.30, 244.60, PYR, DIS, 10.00, -, VFG, dusting
244.60, 245.50, PYR, DIS, .50, -, VFG, dusting
245.50, 246.00, PYR, DIS, 3.00, -, VFG, dusting
246.00, 246.50, PYR, DIS, .50, -, VFG, dusting
246.50, 247.00, PYR, DIS, 3.00, -, VFG, dusting

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

224.20, 247.00, CAL+, INT, STRONG, GRY_00025, FGR, -, Fine grained interstial calcite.

**STRUCTURE**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111464 | 224.2 | 225.5 | 1.3 | 0.026 | | | | |
| CAOND111465 | 225.5 | 227.0 | 1.5 | 0.025 | | | | |
| CAOND111466 | 227.0 | 228.5 | 1.5 | 0.033 | | | | |
| CAOND111467 | 228.5 | 230.0 | 1.5 | 0.028 | | | | |
| CAOND111468 | 230.0 | 231.5 | 1.5 | 0.037 | | | | |
| CAOND111469 | 231.5 | 233.0 | 1.5 | 0.108 | | | | |
| CAOND111471 | 233.0 | 234.5 | 1.5 | 0.043 | | | | |
| CAOND111472 | 234.5 | 236.0 | 1.5 | 0.028 | | | | |
| CAOND111473 | 236.0 | 237.5 | 1.5 | 0.025 | | | | |
| CAOND111474 | 237.5 | 239.0 | 1.5 | 0.027 | | | | |
| CAOND111476 | 239.0 | 240.5 | 1.5 | 0.020 | | | | |
| CAOND111477 | 240.5 | 242.0 | 1.5 | 0.106 | | | | |
| CAOND111478 | 242.0 | 243.0 | 1.0 | 0.015 | | | | |
| CAOND111479 | 243.0 | 243.9 | 0.9 | 0.011 | | | | |
| CAOND111481 | 243.9 | 244.6 | 0.8 | 0.050 | | | | |
| CAOND111482 | 244.6 | 246.0 | 1.4 | 0.028 | | | | |
| CAOND111483 | 246.0 | 247.0 | 1.0 | 0.012 | | | | |

**Hole number:** KLUC18-504

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
224.20, 247.00, FOL, WEAK, 50.00, -, -, -, alignement of fragments
242.85, 244.60, SHR, WEAK, 50.00, -, -, -, grainsize reduction - Possibly just increase in alteration

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
224.20, 247.00, MAG, DIS, -, RED_00001, FGR, -

**Major:** **From:** 247.00 **To:** 261.25 V8mt, Trachyte mafic tuff

Weakly mineralized mafic trachytic tuff - undeformed Rock thought to be same unit but varies in colour and magnetism because of alteration. Medium grained, moderately foliated with fragments and chlorite alteration defining fabric at 50 degrees. Strong calcite alteration Unit contians trace to 1% sulphides, sulphides tend to form with chlorite. Unifrom looking unit 247-251.3m Pink strongly magnetic trace sulphide 252-261.25m light greenish rock, non magentic, selective sercite alteration. trace to 1% sulphide 258.15-258.40 quartz vein with feldsar rims. 3cm wide from xcutting fabric of rock at 40 degrees.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
247.00, 261.25, CAL+, INT, STRONG, GRY_00025, FGR, -, Fine grained interstial calcite.
247.00, 251.30, HEM+, PEN, MOD, PNK2_BASIC, FGR, -, -
251.30, 261.25, SER+, SEL, MOD, GRN2_BASIC, FGR, -, -

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
247.00, 261.25, FOL, WEAK, 50.00, -, -, -, alignement of fragments

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
258.15, 258.40, QTZ, 50.00, 50.00, -, -, -, PNK2_BASIC, 3.00, MAS, -, -, -
260.75, 260.90, QTZ, 30.00, -, -, -, -, PNK2_BASIC, 1.00, DFM, PYR, .50, thin stringer of pyrite. Vein is deformed and is more like a pod

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
247.00, 252.00, MAG, DIS, -, RED_00001, FGR, -
261.00, 261.25, MAG, DIS, -, RED_00001, FGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111484 | 247.0 | 248.5 | 1.5 | 0.003 | | | | |
| CAOND111485 | 248.5 | 250.0 | 1.5 | 0.060 | | | | |
| CAOND111486 | 250.0 | 251.0 | 1.0 | 0.009 | | | | |
| CAOND111487 | 251.0 | 252.0 | 1.0 | 0.018 | | | | |
| CAOND111488 | 252.0 | 253.5 | 1.5 | 0.009 | | | | |
| CAOND111489 | 253.5 | 255.0 | 1.5 | 0.007 | | | | |
| CAOND111491 | 255.0 | 256.5 | 1.5 | 0.021 | | | | |
| CAOND111492 | 256.5 | 258.0 | 1.5 | 0.008 | | | | |
| CAOND111493 | 258.0 | 259.5 | 1.5 | 0.009 | | | | |
| CAOND111494 | 259.5 | 260.5 | 1.0 | 0.010 | | | | |
| CAOND111495 | 260.5 | 261.3 | 0.8 | 0.019 | | | | |

**Major:** **From:** 261.25 **To:** 262.00 VN, Veine

Quartz vein and quartz flooding 2 regular 0.5 to 1cm wide white bullish looking quartz veins which form at 50 degree, 40 cm wide alteration halo(feldspar-plagioclase- silica). pods of quartz in alteartion area. Wallrock is chloritized.

**ALTERATION**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111496 | 261.3 | 262.0 | 0.8 | 0.005 | | | | |

**Hole number:** KLUC18-504

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
261.25, 262.00, CAL+, INT, STRONG, GRY_00025, FGR, -, Fine grained interstial calcite.

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
261.25, 262.00, FOL, WEAK, 50.00, -, -, -, alignement of fragments

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
261.50, 261.90, QTZ, 10.00, 50.00, -, -, -, GRY_00025, 1.00, MAS, PYR, .01, odd spk

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
261.25, 262.00, MAG, DIS, -, RED_00001, FGR, -

**Major:** **From:** 262.00 **To:** 273.00 V8Porph, Trachyte porphyrytic

Trachytic flow with quartz/feldapar eyes Medium grained, pink and gray rock, weak foliation defined by wispy chloritic fractures @ 50 degrees, Strongly magentic, no calcite. trace fine grained pyrite. pervasive hematite alteration possible fine grained interstitial biotite

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
262.00, 273.00, BTI+, INT, WEAK, RED_00001, VFG, -, uncertian if it is biotite very fine grained.

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
262.00, 273.00, FOL, WEAK, 50.00, -, -, -, alignement of fragments

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
262.00, 273.00, MAG, DIS, -, RED_00001, FGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND111497 | 262.0 | 263.5 | 1.5 | 0.005 | | | | |
| CAOND111498 | 263.5 | 265.0 | 1.5 | 0.008 | | | | |
| CAOND111499 | 265.0 | 266.5 | 1.5 | 0.007 | | | | |
| CAOND113001 | 266.5 | 268.0 | 1.5 | 0.008 | | | | |
| CAOND113002 | 268.0 | 269.5 | 1.5 | 0.006 | | | | |
| CAOND113003 | 269.5 | 271.0 | 1.5 | 0.006 | | | | |
| CAOND113004 | 271.0 | 272.0 | 1.0 | 0.003 | | | | |
| CAOND113005 | 272.0 | 273.0 | 1.0 | 0.003 | | | | |

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 1.5 | 3.0 | 10.00 | 100.00 | | | N | |
| 3.0 | 6.0 | 67.00 | 100.00 | | | N | |
| 6.0 | 9.0 | 93.00 | 100.00 | | | N | |
| 9.0 | 12.0 | 77.00 | 100.00 | | | N | |
| 12.0 | 15.0 | 93.00 | 100.00 | | | N | |

**Hole number:** KLUC18-504

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 15.0 | 18.0 | 93.00 | 100.00 | | | N | |
| 18.0 | 21.0 | 50.00 | 100.00 | | | N | |
| 21.0 | 24.0 | 88.00 | 100.00 | | | N | |
| 24.0 | 27.0 | 87.00 | 100.00 | | | N | |
| 27.0 | 30.0 | 98.00 | 100.00 | | | N | |
| 30.0 | 33.0 | 83.00 | 100.00 | | | N | |
| 33.0 | 36.0 | 72.30 | 100.00 | | | N | |
| 36.0 | 39.0 | 67.60 | 100.00 | | | N | |
| 39.0 | 42.0 | 62.10 | 100.00 | | | N | |
| 42.0 | 45.0 | 67.00 | 100.00 | | | N | |
| 45.0 | 48.0 | 35.00 | 100.00 | | | N | |
| 48.0 | 51.0 | 68.00 | 100.00 | | | N | |
| 51.0 | 54.0 | 92.00 | 100.00 | | | N | |
| 54.0 | 57.0 | 90.00 | 100.00 | | | N | |
| 57.0 | 60.0 | 92.00 | 100.00 | | | N | |
| 60.0 | 63.0 | 92.00 | 100.00 | | | N | |
| 63.0 | 66.0 | 93.00 | 100.00 | | | N | |
| 66.0 | 69.0 | 92.00 | 100.00 | | | N | |
| 69.0 | 72.0 | 100.00 | 100.00 | | | N | |
| 72.0 | 75.0 | 93.00 | 100.00 | | | N | |
| 75.0 | 78.0 | 80.00 | 100.00 | | | N | |
| 78.0 | 81.0 | 97.00 | 100.00 | | | N | |
| 81.0 | 84.0 | 97.00 | 100.00 | | | N | |
| 84.0 | 87.0 | 97.00 | 100.00 | | | N | |
| 87.0 | 90.0 | 95.00 | 100.00 | | | N | |
| 90.0 | 93.0 | 90.00 | 100.00 | | | N | |
| 93.0 | 96.0 | 100.00 | 100.00 | | | N | |
| 96.0 | 99.0 | 80.00 | 100.00 | | | N | |

**Hole number:** KLUC18-504

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 99.0 | 102.0 | 97.00 | 100.00 | | | N | |
| 102.0 | 105.0 | 83.00 | 100.00 | | | N | |
| 105.0 | 108.0 | 88.00 | 100.00 | | | N | |
| 108.0 | 111.0 | 97.00 | 100.00 | | | N | |
| 111.0 | 114.0 | 88.00 | 100.00 | | | N | |
| 114.0 | 117.0 | 92.00 | 100.00 | | | N | |
| 117.0 | 120.0 | 92.00 | 100.00 | | | N | |
| 120.0 | 123.0 | 97.00 | 100.00 | | | N | |
| 123.0 | 126.0 | 93.00 | 100.00 | | | N | |
| 126.0 | 129.0 | 93.00 | 100.00 | | | N | |
| 129.0 | 132.0 | 93.00 | 100.00 | | | N | |
| 132.0 | 135.0 | 100.00 | 100.00 | | | N | |
| 135.0 | 138.0 | 97.00 | 100.00 | | | N | |
| 138.0 | 141.0 | 100.00 | 100.00 | | | N | |
| 141.0 | 144.0 | 93.00 | 100.00 | | | N | |
| 144.0 | 147.0 | 93.00 | 100.00 | | | N | |
| 147.0 | 150.0 | 95.00 | 100.00 | | | N | |
| 150.0 | 153.0 | 100.00 | 100.00 | | | N | |
| 153.0 | 156.0 | 100.00 | 100.00 | | | N | |
| 156.0 | 159.0 | 100.00 | 100.00 | | | N | |
| 159.0 | 162.0 | 93.00 | 100.00 | | | N | |
| 162.0 | 165.0 | 97.00 | 100.00 | | | N | |
| 165.0 | 168.0 | 95.00 | 100.00 | | | N | |
| 168.0 | 171.0 | 93.00 | 100.00 | | | N | |
| 171.0 | 174.0 | 93.00 | 100.00 | | | N | |
| 174.0 | 177.0 | 100.00 | 100.00 | | | N | |
| 177.0 | 180.0 | 97.00 | 100.00 | | | N | |
| 180.0 | 183.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC18-504

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 183.0 | 186.0 | 100.00 | 100.00 | | | N | |
| 186.0 | 189.0 | 95.00 | 100.00 | | | N | |
| 189.0 | 192.0 | 100.00 | 100.00 | | | N | |
| 192.0 | 195.0 | 100.00 | 100.00 | | | N | |
| 195.0 | 198.0 | 87.00 | 100.00 | | | N | |
| 198.0 | 201.0 | 87.00 | 100.00 | | | N | |
| 201.0 | 204.0 | 100.00 | 100.00 | | | N | |
| 204.0 | 207.0 | 95.00 | 100.00 | | | N | |
| 207.0 | 210.0 | 77.00 | 100.00 | | | N | |
| 210.0 | 213.0 | 100.00 | 100.00 | | | N | |
| 213.0 | 216.0 | 100.00 | 100.00 | | | N | |
| 216.0 | 219.0 | 100.00 | 100.00 | | | N | |
| 219.0 | 222.0 | 100.00 | 100.00 | | | N | |
| 222.0 | 225.0 | 100.00 | 100.00 | | | N | |
| 225.0 | 228.0 | 100.00 | 100.00 | | | N | |
| 228.0 | 231.0 | 98.00 | 100.00 | | | N | |
| 231.0 | 234.0 | 100.00 | 100.00 | | | N | |
| 234.0 | 237.0 | 97.00 | 100.00 | | | N | |
| 237.0 | 240.0 | 100.00 | 100.00 | | | N | |
| 240.0 | 243.0 | 98.00 | 100.00 | | | N | |
| 243.0 | 246.0 | 100.00 | 100.00 | | | N | |
| 246.0 | 249.0 | 98.00 | 100.00 | | | N | |
| 249.0 | 252.0 | 92.00 | 100.00 | | | N | |
| 252.0 | 255.0 | 100.00 | 100.00 | | | N | |
| 255.0 | 258.0 | 98.00 | 100.00 | | | N | |
| 258.0 | 261.0 | 100.00 | 100.00 | | | N | |
| 261.0 | 264.0 | 93.00 | 100.00 | | | N | |
| 264.0 | 267.0 | 87.00 | 100.00 | | | N | |

**Hole number:** KLUC18-504

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 267.0 | 270.0 | 100.00 | 100.00 | | | N | |

AGNICO EAGLE

# DRILL HOLE REPORT

## EXPLORATION CANADA ONTARIO

**Hole number:** KLUC18-505 **Project Number:** U_Canada **Project name:** Upper Canada

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Historic hole number:** | | **Collar survey:** | Y | **From:** | 0.0 | **Coordinates:** | P |
| **System:** | METRIC | **Verified:** | N | **To:** | 689.5 | **Grid:** | UTM83-17_CSRS-2010: |
| **Target:** | U_CANADA | **Gas:** | N | **Depth:** | 689.5 | **North:** | 5,333,417.72 |
| **No. Claim:** | PAT-18798 | **Multishot survey:** | Y | **Location:** | Surface | **East:** | 586,671.38 |
| **Year:** | 2 018 | **Is making water:** | N | **Core storage:** | Exploration Camp | **Elevation:** | 335.83 |
| **Date started:** | 2018-08-27 | **Object in hole:** | N | **Contractor:** | Asinii Drilling | **Collar dip:** | -59.26 |
| **Date logged:** | 2018-09-09 | **Pulse EM survey:** | N | **Logged by:** | Melanie Bouchard | **Collar azimuth:** | 164.80 |
| **Date completed:** | 2018-09-08 | **Plugged:** | N | **Signature:** | Mélanie Bouchard | | |
| **Core size:** | NQ | **Cemented:** | N | | | | |
| **Hole type:** | EXP | **Branch:** | N | | M.Oosterman | | |
| **Casing:** | Left in Hole, capped | **Reserve:** | N | | | | |
| **Logging status:** | Signed | | | | | | |
| **Rig number:** | 0102 | | | | | | |

**Additionnal sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Propsed hole: UCP18-011 (A12), Drill Rig: 102, Stabilization: 2 hex core barrel and 18" shell, Targeting: Low mag target

**Survey data**

| Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 166.55 | -60.26 | G | | North Seaker Gyro |
| 0.0 | 164.80 | -59.26 | S | O | Surveyed |
| 20.0 | 166.85 | -60.37 | G | O | North Seaker Gyro |
| 30.0 | 166.88 | -60.31 | G | O | North Seaker Gyro |
| 50.0 | 167.09 | -60.13 | G | O | North Seaker Gyro |
| 60.0 | 167.23 | -60.16 | G | O | North Seaker Gyro |
| 80.0 | 167.35 | -60.14 | G | O | North Seaker Gyro |
| 90.0 | 167.24 | -60.27 | G | O | North Seaker Gyro |
| 110.0 | 167.49 | -60.36 | G | O | North Seaker Gyro |
| 120.0 | 167.55 | -60.41 | G | O | North Seaker Gyro |
| 140.0 | 167.79 | -60.24 | G | O | North Seaker Gyro |
| 150.0 | 167.91 | -60.26 | G | O | North Seaker Gyro |
| 170.0 | 168.04 | -60.17 | G | O | North Seaker Gyro |
| 180.0 | 167.94 | -60.12 | G | O | North Seaker Gyro |
| 200.0 | 168.04 | -60.07 | G | O | North Seaker Gyro |

| Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 165.02 | -60.28 | NS | | North seeking devi aligner |
| 10.0 | 166.86 | -60.21 | G | O | North Seaker Gyro |
| 27.0 | 168.85 | -60.61 | DS | | Mag. 57319 |
| 40.0 | 166.94 | -60.24 | G | O | North Seaker Gyro |
| 57.0 | 170.50 | -60.00 | DS | | Mag. 54892 |
| 70.0 | 167.32 | -60.14 | G | O | North Seaker Gyro |
| 87.0 | 170.10 | -60.50 | DS | | Mag. 55295 |
| 100.0 | 167.30 | -60.29 | G | O | North Seaker Gyro |
| 117.0 | 170.26 | -59.94 | DS | | Mag. 54947 |
| 130.0 | 167.33 | -60.27 | G | O | North Seaker Gyro |
| 147.0 | 168.32 | -59.96 | DS | | Mag. 54630 |
| 160.0 | 167.90 | -60.22 | G | O | North Seaker Gyro |
| 177.0 | 168.78 | -59.84 | DS | | Mag.54687 |
| 190.0 | 168.04 | -60.07 | G | O | North Seaker Gyro |
| 207.0 | 169.18 | -59.77 | DS | | Mag. 54409 |

**Hole number: KLUC18-505**

**Survey data**

| Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 210.0 | 168.05 | -60.03 | G | O | North Seaker Gyro |
| 230.0 | 167.92 | -59.97 | G | O | North Seaker Gyro |
| 240.0 | 168.02 | -59.89 | G | O | North Seaker Gyro |
| 260.0 | 167.95 | -59.73 | G | O | North Seaker Gyro |
| 270.0 | 168.14 | -59.84 | G | O | North Seaker Gyro |
| 290.0 | 168.61 | -59.91 | G | O | North Seaker Gyro |
| 300.0 | 168.69 | -59.85 | G | O | North Seaker Gyro |
| 320.0 | 168.77 | -59.80 | G | O | North Seaker Gyro |
| 330.0 | 168.81 | -59.81 | G | O | North Seaker Gyro |
| 350.0 | 168.86 | -59.79 | G | O | North Seaker Gyro |
| 360.0 | 168.94 | -59.77 | G | O | North Seaker Gyro |
| 380.0 | 169.12 | -59.92 | G | O | North Seaker Gyro |
| 390.0 | 169.16 | -59.89 | G | O | North Seaker Gyro |
| 410.0 | 169.27 | -59.79 | G | O | North Seaker Gyro |
| 420.0 | 169.38 | -59.78 | G | O | North Seaker Gyro |
| 440.0 | 169.70 | -59.75 | G | O | North Seaker Gyro |
| 450.0 | 169.71 | -59.68 | G | O | North Seaker Gyro |
| 470.0 | 169.78 | -59.61 | G | O | North Seaker Gyro |
| 480.0 | 169.82 | -59.58 | G | O | North Seaker Gyro |
| 500.0 | 169.89 | -59.55 | G | O | North Seaker Gyro |
| 510.0 | 169.99 | -59.52 | G | O | North Seaker Gyro |
| 530.0 | 170.08 | -59.44 | G | O | North Seaker Gyro |
| 540.0 | 170.36 | -59.45 | G | O | North Seaker Gyro |
| 560.0 | 170.61 | -59.51 | G | O | North Seaker Gyro |
| 570.0 | 170.66 | -59.60 | G | O | North Seaker Gyro |
| 590.0 | 170.06 | -59.77 | G | O | North Seaker Gyro |
| 600.0 | 170.07 | -59.76 | G | O | North Seaker Gyro |
| 620.0 | 170.03 | -59.77 | G | O | North Seaker Gyro |
| 630.0 | 169.88 | -59.76 | G | O | North Seaker Gyro |
| 687.0 | 171.33 | -59.62 | DS | O | Mag.55224 |

| Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 220.0 | 167.96 | -60.00 | G | O | North Seaker Gyro |
| 237.0 | 170.95 | -59.71 | DS | | Mag. 54723 |
| 250.0 | 168.04 | -59.81 | G | O | North Seaker Gyro |
| 267.0 | 169.29 | -59.60 | DS | | Mag.54710 |
| 280.0 | 168.57 | -59.92 | G | O | North Seaker Gyro |
| 297.0 | 169.07 | -59.69 | DS | | Mag.54688 |
| 310.0 | 168.78 | -59.87 | G | O | North Seaker Gyro |
| 327.0 | 169.16 | -59.48 | DS | | Mag.54519 |
| 340.0 | 168.85 | -59.77 | G | O | North Seaker Gyro |
| 357.0 | 169.46 | -59.61 | DS | | Mag.54631 |
| 370.0 | 169.05 | -59.87 | G | O | North Seaker Gyro |
| 387.0 | 169.59 | -59.65 | DS | | Mag.54573 |
| 400.0 | 169.23 | -59.86 | G | O | North Seaker Gyro |
| 417.0 | 171.20 | -59.52 | DS | | Mag.54762 |
| 430.0 | 169.54 | -59.79 | G | O | North Seaker Gyro |
| 447.0 | 172.46 | -59.44 | DS | | Mag.55078 |
| 460.0 | 169.70 | -59.63 | G | O | North Seaker Gyro |
| 477.0 | 170.23 | -59.39 | DS | | Mag.54469 |
| 490.0 | 169.84 | -59.57 | G | O | North Seaker Gyro |
| 507.0 | 171.51 | -59.39 | DS | | Mag.54815 |
| 520.0 | 170.01 | -59.51 | G | O | North Seaker Gyro |
| 537.0 | 171.91 | -59.26 | DS | | Mag.54837 |
| 550.0 | 170.56 | -59.45 | G | O | North Seaker Gyro |
| 567.0 | 172.68 | -59.47 | DS | | Mag.54825 |
| 580.0 | 170.19 | -59.73 | G | O | North Seaker Gyro |
| 597.0 | 170.27 | -59.03 | DS | | Mag.55103 |
| 610.0 | 169.99 | -59.77 | G | O | North Seaker Gyro |
| 627.0 | 170.11 | -59.58 | DS | | Mag.55114 |
| 657.0 | 171.60 | -59.58 | DS | O | Mag.55101 |

**Hole number:** KLUC18-505

| Certificate |
|---|
| A19-812 |
| A19-814 |
| TM18226470 |
| TM18226475 |
| TM18232558 |
| TM18240265 |
| TM18240270 |
| TM18240290 |
| TM18279614 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505D18-004 | Excaon1 | CAOND111224 - CAOND111371<br>CAOND111952 - CAOND112406 |
| CXE5505D18-006 | Excaon1 | CAOND112407 - CAOND112665 |
| CXE5505D18-007 | Excaon1 | CAOND111372 - CAOND111500<br>CAOND112666 - CAOND112669<br>CAOND112671 - CAOND113005<br>CAOND113501 - CAOND113791 |
| CXE5505D18WRA-001 | Excaon2-WRA | CAOND112695 |
| CXE5505R19-025 | Excaon1 | CAOND109014<br>CAOND109018<br>CAOND109034<br>CAOND109038<br>CAOND109053<br>CAOND109056<br>CAOND109067<br>CAOND109072<br>CAOND109211<br>CAOND109287<br>CAOND109291<br>CAOND109294<br>CAOND109296<br>CAOND109318<br>CAOND109357<br>CAOND109369<br>CAOND109435<br>CAOND109438<br>CAOND109495<br>CAOND109503<br>CAOND109528<br>CAOND109535<br>CAOND109557<br>CAOND109564<br>CAOND109674<br>CAOND109677<br>CAOND109689<br>CAOND109691<br>CAOND109704<br>CAOND109710<br>CAOND109729<br>CAOND109751<br>CAOND109757<br>CAOND109764 |

| Sample number | Standard |
|---|---|
| CAOND112160 | CDN-CM-24-AEM |
| CAOND112170 | BLANK-DB |
| CAOND112175 | CDN-GS-5U-AEM |
| CAOND112190 | CDN-CM-28-AEM |
| CAOND112215 | CDN-CM-24-AEM |
| CAOND112220 | BLANK-DB |
| CAOND112230 | CDN-GS-5U-AEM |
| CAOND112245 | CDN-CM-28-AEM |
| CAOND112260 | CDN-CM-24-AEM |
| CAOND112270 | BLANK-DB |
| CAOND112275 | CDN-GS-5U-AEM |
| CAOND112290 | CDN-CM-28-AEM |
| CAOND112315 | CDN-CM-24-AEM |
| CAOND112320 | BLANK-DB |
| CAOND112330 | CDN-GS-5U-AEM |
| CAOND112345 | CDN-CM-28-AEM |
| CAOND112360 | CDN-CM-24-AEM |
| CAOND112370 | BLANK-DB |
| CAOND112375 | CDN-GS-5U-AEM |
| CAOND112390 | CDN-CM-28-AEM |
| CAOND112415 | CDN-CM-24-AEM |
| CAOND112420 | BLANK-DB |
| CAOND112430 | CDN-GS-5U-AEM |
| CAOND112445 | CDN-CM-28-AEM |
| CAOND112460 | CDN-CM-24-AEM |
| CAOND112470 | BLANK-DB |
| CAOND112475 | CDN-GS-5U-AEM |
| CAOND112490 | CDN-CM-28-AEM |
| CAOND112515 | CDN-CM-24-AEM |
| CAOND112520 | BLANK-DB |
| CAOND112530 | CDN-GS-5U-AEM |
| CAOND112545 | CDN-CM-28-AEM |
| CAOND112560 | CDN-CM-24-AEM |
| CAOND112570 | BLANK-DB |

**Hole number:** KLUC18-505

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND109781 |
| | | CAOND109787 |
| | | CAOND109796 - CAOND109797 |
| | | CAOND109818 |
| | | CAOND109836 |
| | | CAOND109839 |
| | | CAOND109874 - CAOND109875 |
| | | CAOND109890 |
| | | CAOND109940 |
| | | CAOND109974 |
| | | CAOND109984 |
| | | CAOND110011 |
| | | CAOND110056 - CAOND110057 |
| | | CAOND110062 |
| | | CAOND110073 |
| | | CAOND110113 |
| | | CAOND110161 |
| | | CAOND110163 |
| | | CAOND110174 |
| | | CAOND110198 |
| | | CAOND110213 |
| | | CAOND110236 |
| | | CAOND110240 |
| | | CAOND110249 |
| | | CAOND110261 |
| | | CAOND110270 |
| | | CAOND110322 |
| | | CAOND110328 |
| | | CAOND110340 |
| | | CAOND110355 |
| | | CAOND110362 |
| | | CAOND110379 |
| | | CAOND110382 - CAOND110383 |
| | | CAOND110398 |
| | | CAOND110434 |
| | | CAOND110438 |
| | | CAOND110441 |
| | | CAOND110443 |
| | | CAOND110468 |
| | | CAOND110496 |
| | | CAOND110502 |
| | | CAOND110514 |
| | | CAOND110523 |

| Sample number | Standard |
|---|---|
| CAOND112575 | CDN-GS-5U-AEM |
| CAOND112590 | CDN-CM-28-AEM |
| CAOND112615 | CDN-CM-24-AEM |
| CAOND112620 | BLANK-DB |
| CAOND112630 | CDN-GS-5U-AEM |
| CAOND112645 | CDN-CM-28-AEM |
| CAOND112660 | CDN-CM-24-AEM |
| CAOND112670 | BLANK-DB |
| CAOND112675 | CDN-GS-5U-AEM |
| CAOND112690 | CDN-CM-28-AEM |

**Hole number:** KLUC18-505

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND110539 |
| | | CAOND110544 |
| | | CAOND110552 |
| | | CAOND110572 |
| | | CAOND110593 - CAOND110595 |
| | | CAOND110603 |
| | | CAOND110633 |
| | | CAOND110664 - CAOND110665 |
| | | CAOND110683 |
| | | CAOND110694 |
| | | CAOND110710 |
| | | CAOND110712 - CAOND110713 |
| | | CAOND110808 |
| | | CAOND110813 |
| | | CAOND110837 |
| | | CAOND110871 |
| | | CAOND110885 |
| | | CAOND110948 |
| | | CAOND110951 |
| | | CAOND110956 |
| | | CAOND110978 |
| | | CAOND111098 |
| | | CAOND111129 |
| | | CAOND111178 |
| | | CAOND111262 |
| | | CAOND111277 |
| | | CAOND111286 |
| | | CAOND111385 |
| | | CAOND111446 |
| | | CAOND111448 |
| | | CAOND111455 |
| | | CAOND111481 |
| | | CAOND111513 |
| | | CAOND111529 |
| | | CAOND111558 |
| | | CAOND111606 |
| | | CAOND111629 |
| | | CAOND111634 |
| | | CAOND111673 |
| | | CAOND111686 |
| | | CAOND111690 |
| | | CAOND111709 |
| | | CAOND111734 |

**Hole number:** KLUC18-505

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND111747 |
| | | CAOND111752 |
| | | CAOND111763 |
| | | CAOND111774 |
| | | CAOND111794 |
| | | CAOND111806 |
| | | CAOND111838 |
| | | CAOND111842 |
| | | CAOND111876 |
| | | CAOND111878 |
| | | CAOND111881 |
| | | CAOND111889 |
| | | CAOND111913 |
| | | CAOND111954 |
| | | CAOND111988 |
| | | CAOND112048 |
| | | CAOND112084 |
| | | CAOND112097 |
| | | CAOND112123 |
| | | CAOND112128 |
| | | CAOND112154 |
| | | CAOND112187 |
| | | CAOND112214 |
| | | CAOND112218 |
| | | CAOND112223 - CAOND112224 |
| | | CAOND112263 |
| | | CAOND112286 |
| | | CAOND112309 |
| | | CAOND112410 |
| | | CAOND112434 |
| | | CAOND112474 |
| | | CAOND112485 |
| | | CAOND112505 |
| | | CAOND112513 |
| | | CAOND112537 |
| | | CAOND112559 |
| | | CAOND112584 |
| | | CAOND112606 |
| | | CAOND112632 |
| | | CAOND112676 |
| | | CAOND112704 |
| | | CAOND112757 |
| | | CAOND112789 |

**Hole number:** KLUC18-505

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND112794 |
| | | CAOND112798 |
| | | CAOND112811 - CAOND112812 |
| | | CAOND112832 |
| | | CAOND112837 |
| | | CAOND112846 |
| | | CAOND112855 |
| | | CAOND112865 |
| | | CAOND112917 |
| | | CAOND112937 |
| | | CAOND112957 |
| | | CAOND112971 |
| | | CAOND113672 |
| | | CAOND113777 |
| | | CAOND113779 |
| | | CAOND113781 |
| | | CAOND113789 |
| | | CAOND114014 |
| | | CAOND114020 |
| | | CAOND114187 |
| | | CAOND114221 |
| | | CAOND114264 |
| | | CAOND114276 |
| | | CAOND115912 |
| | | CAOND115926 |
| | | CAOND115942 |
| | | CAOND115959 |
| | | CAOND115962 |
| | | CAOND115999 |
| | | CAOND116503 |
| | | CAOND116522 |
| | | CAOND116533 |
| | | CAOND116542 |
| | | CAOND116618 |
| | | CAOND116620 |
| | | CAOND116633 |
| | | CAOND116642 |
| | | CAOND116658 |
| | | CAOND116660 |
| | | CAOND116673 |

*The sample list may content samples from other holes

## Hole number: KLUC18-505

**Major:** **From:** 0.00 **To:** 14.00 OVB, Overburden

Overburden

**Major:** **From:** 14.00 **To:** 246.60 I2Dmp, Syenite mafic porphyryitic

Composition: Dark green, medium reddish grey and medium greenish grey fine grained matrix with 20-40% 1-3mm in size subhedral feldspar phenocrysts. Minor mafic zenoliths at random throughout the intrusion dominantly angular and varying from 1-5cm in size; I2Dmp - Syenite mafic porphyritic Magnetism: Weak to moderately magnetic Veinning: 1% white qtz-calcite veinning 2-3mm thick at no preferred orienation. Structure: Undeformed with minor 10-20cm thick intervals that are weakly deformed Alteration: Weak chlorite stringers, moderate pervasive calcite and weak pervasive hematite. Minor microfracture filled epidote alteration. Mineralization: Rare to trace very fine grained disseminated Py mineralization with local intervals 10-20cm thick of clustered Py mineralization up to 10% Lower Contact: Gradational, gradual decrease in phenocrysts and increase in mafic matrix. Contact is placed at a 10cm thick white qtz vein

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

24.80 - 25.30: PYR, DIS, 10.00, -, MGR, 10% fine and medium grained Py mineralization clustered in at 40 cm thick interval

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

240.00 - 244.00: FRA, -, WEAK, Weak fracturing into 5-15cm thick pieces

**VEIN**

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS

67.60 - 73.00: QtzCalChl, 2.00, -, -, -, -, PYR, .10, 2% white and dark green qtz-cal-chl veinning 2-3cm thick at varying orientations, rare very fine grained Py mineralization

77.60 - 78.30: QtzCalChl, 5.00, -, -, -, -, -, -, 5% white, pale grey, chaotic and irregular qtz-cal-chl veinning

79.60 - 80.30: QtzCalChl, 1.00, -, -, -, -, PYR, 1.00, 1% pale grey to pinkish grey qtz-cal veinning 2-3mm thick with local clustered Py mineralization

117.80 - 120.40: QtzCalChl, 15.00, -, -, -, -, -, -, 15% white to milky white qtz-cal with minor chlorite veinning that are brecciating host rock

246.50 - 246.60: QtzCal, 100.00, -, -, -, GRY_00025, PYR, 1.00, 8cm thick, white, qtz-cal vein with 1% f.gr. diss. Py mineralization. Contacts sharp and oriented at 40-50 TCA, brecciated clasts of host in vein. Occuring at contact between I2Dmp and V8

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112159 | 14.0 | 15.5 | 1.5 | 0.003 | | | | |
| CAOND112161 | 15.5 | 17.0 | 1.5 | 0.003 | | | | |
| CAOND112162 | 17.0 | 18.5 | 1.5 | 0.003 | | | | |
| CAOND112163 | 18.5 | 20.0 | 1.5 | 0.003 | | | | |
| CAOND112164 | 20.0 | 21.5 | 1.5 | 0.003 | | | | |
| CAOND112165 | 21.5 | 23.0 | 1.5 | 0.003 | | | | |
| CAOND112166 | 23.0 | 24.0 | 1.0 | 0.003 | | | | |
| CAOND112167 | 24.0 | 24.8 | 0.8 | 0.003 | | | | |
| CAOND112168 | 24.8 | 25.3 | 0.5 | 0.003 | | | | |
| CAOND112169 | 25.3 | 26.5 | 1.2 | 0.003 | | | | |
| CAOND112171 | 26.5 | 28.0 | 1.5 | 0.003 | | | | |
| CAOND112172 | 28.0 | 29.5 | 1.5 | 0.003 | | | | |
| CAOND112173 | 29.5 | 31.0 | 1.5 | 0.003 | | | | |
| CAOND112174 | 31.0 | 32.5 | 1.5 | 0.003 | | | | |
| CAOND112176 | 32.5 | 34.0 | 1.5 | 0.005 | | | | |
| CAOND112177 | 34.0 | 35.5 | 1.5 | 0.003 | | | | |
| CAOND112178 | 35.5 | 37.0 | 1.5 | 0.003 | | | | |
| CAOND112179 | 37.0 | 38.4 | 1.4 | 0.003 | | | | |
| CAOND112181 | 38.4 | 39.5 | 1.1 | 0.003 | | | | |
| CAOND112182 | 39.5 | 41.0 | 1.5 | 0.003 | 0.250 | 47 | 113 | |
| CAOND112183 | 41.0 | 42.5 | 1.5 | 0.003 | | | | |
| CAOND112184 | 42.5 | 44.0 | 1.5 | 0.003 | | | | |
| CAOND112185 | 44.0 | 45.5 | 1.5 | 0.005 | | | | |
| CAOND112186 | 45.5 | 47.0 | 1.5 | 0.003 | | | | |
| CAOND112187 | 47.0 | 48.5 | 1.5 | 0.003 | | | | |
| CAOND112188 | 48.5 | 50.0 | 1.5 | 0.047 | | | | |
| CAOND112189 | 50.0 | 51.5 | 1.5 | 0.026 | | | | |
| CAOND112191 | 51.5 | 53.0 | 1.5 | 0.048 | | | | |
| CAOND112192 | 53.0 | 54.5 | 1.5 | 0.005 | | | | |
| CAOND112193 | 54.5 | 56.0 | 1.5 | 0.006 | | | | |

**Hole number:** KLUC18-505

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112194 | 56.0 | 57.5 | 1.5 | 0.003 | | | | |
| CAOND112195 | 57.5 | 59.0 | 1.5 | 0.007 | | | | |
| CAOND112196 | 59.0 | 60.5 | 1.5 | 0.003 | | | | |
| CAOND112197 | 60.5 | 62.0 | 1.5 | 0.003 | | | | |
| CAOND112198 | 62.0 | 63.5 | 1.5 | 0.003 | | | | |
| CAOND112199 | 63.5 | 65.0 | 1.5 | 0.008 | | | | |
| CAOND112201 | 65.0 | 66.5 | 1.5 | 0.015 | | | | |
| CAOND112202 | 66.5 | 67.6 | 1.1 | 0.003 | | | | |
| CAOND112203 | 67.6 | 69.0 | 1.4 | 0.003 | | | | |
| CAOND112204 | 69.0 | 70.4 | 1.4 | 0.003 | | | | |
| CAOND112205 | 70.4 | 71.5 | 1.1 | 0.013 | | | | |
| CAOND112206 | 71.5 | 73.0 | 1.5 | 0.023 | | | | |
| CAOND112207 | 73.0 | 74.5 | 1.5 | 0.006 | | | | |
| CAOND112208 | 74.5 | 76.0 | 1.5 | 0.009 | | | | |
| CAOND112209 | 76.0 | 76.9 | 0.9 | 0.008 | | | | |
| CAOND112210 | 76.9 | 77.6 | 0.7 | 0.003 | | | | |
| CAOND112211 | 77.6 | 78.3 | 0.7 | 0.003 | | | | |
| CAOND112212 | 78.3 | 79.6 | 1.3 | 0.003 | | | | |
| CAOND112213 | 79.6 | 80.3 | 0.7 | 0.003 | | | | |
| CAOND112214 | 80.3 | 81.0 | 0.7 | 0.007 | | | | |
| CAOND112216 | 81.0 | 82.5 | 1.5 | 0.241 | | | | |
| CAOND112217 | 82.5 | 84.0 | 1.5 | 0.005 | | | | |
| CAOND112218 | 84.0 | 85.5 | 1.5 | 0.003 | | | | |
| CAOND112219 | 85.5 | 87.0 | 1.5 | 0.014 | | | | |
| CAOND112221 | 87.0 | 88.5 | 1.5 | 0.037 | | | | |
| CAOND112222 | 88.5 | 90.0 | 1.5 | 0.022 | | | | |
| CAOND112223 | 90.0 | 91.5 | 1.5 | 0.026 | | | | |
| CAOND112224 | 91.5 | 93.0 | 1.5 | 0.006 | | | | |
| CAOND112226 | 93.0 | 94.5 | 1.5 | 0.008 | | | | |
| CAOND112227 | 94.5 | 96.0 | 1.5 | 0.010 | | | | |
| CAOND112228 | 96.0 | 97.5 | 1.5 | 0.006 | | | | |
| CAOND112229 | 97.5 | 99.0 | 1.5 | 0.003 | | | | |
| CAOND112231 | 99.0 | 100.5 | 1.5 | 0.006 | | | | |

**Hole number:** KLUC18-505

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112232 | 100.5 | 102.0 | 1.5 | 0.014 | | | | |
| CAOND112233 | 102.0 | 103.5 | 1.5 | 0.023 | | | | |
| CAOND112234 | 103.5 | 105.0 | 1.5 | 0.009 | | | | |
| CAOND112235 | 105.0 | 105.8 | 0.8 | 0.003 | | | | |
| CAOND112236 | 105.8 | 106.3 | 0.5 | 0.005 | | | | |
| CAOND112237 | 106.3 | 107.5 | 1.2 | 0.003 | | | | |
| CAOND112238 | 107.5 | 109.0 | 1.5 | 0.003 | | | | |
| CAOND112239 | 109.0 | 110.5 | 1.5 | 0.006 | | | | |
| CAOND112240 | 110.5 | 112.0 | 1.5 | 0.003 | | | | |
| CAOND112241 | 112.0 | 113.5 | 1.5 | 0.003 | | | | |
| CAOND112242 | 113.5 | 115.0 | 1.5 | 0.003 | | | | |
| CAOND112243 | 115.0 | 116.5 | 1.5 | 0.003 | | | | |
| CAOND112244 | 116.5 | 117.8 | 1.3 | 0.006 | | | | |
| CAOND112246 | 117.8 | 118.7 | 0.9 | 0.003 | | | | |
| CAOND112247 | 118.7 | 119.4 | 0.7 | 0.003 | | | | |
| CAOND112248 | 119.4 | 120.4 | 1.0 | 0.003 | | | | |
| CAOND112249 | 120.4 | 121.5 | 1.1 | 0.003 | | | | |
| CAOND112251 | 121.5 | 123.0 | 1.5 | 0.005 | | | | |
| CAOND112252 | 123.0 | 124.5 | 1.5 | 0.003 | | | | |
| CAOND112253 | 124.5 | 126.0 | 1.5 | 0.003 | | | | |
| CAOND112254 | 126.0 | 127.5 | 1.5 | 0.003 | | | | |
| CAOND112255 | 127.5 | 129.0 | 1.5 | 0.003 | | | | |
| CAOND112256 | 129.0 | 130.5 | 1.5 | 0.003 | | | | |
| CAOND112257 | 130.5 | 132.0 | 1.5 | 0.003 | | | | |
| CAOND112258 | 132.0 | 133.5 | 1.5 | 0.003 | | | | |
| CAOND112259 | 133.5 | 135.0 | 1.5 | 0.005 | | | | |
| CAOND112261 | 135.0 | 136.5 | 1.5 | 0.003 | | | | |
| CAOND112262 | 136.5 | 138.0 | 1.5 | 0.003 | | | | |
| CAOND112263 | 138.0 | 139.5 | 1.5 | 0.003 | | | | |
| CAOND112264 | 139.5 | 141.0 | 1.5 | 0.003 | | | | |
| CAOND112265 | 141.0 | 142.5 | 1.5 | 0.003 | | | | |
| CAOND112266 | 142.5 | 144.0 | 1.5 | 0.003 | | | | |
| CAOND112267 | 144.0 | 145.5 | 1.5 | 0.007 | | | | |

**Hole number:** KLUC18-505

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112268 | 145.5 | 147.0 | 1.5 | 0.003 | | | | |
| CAOND112269 | 147.0 | 148.5 | 1.5 | 0.003 | | | | |
| CAOND112271 | 148.5 | 150.0 | 1.5 | 0.013 | | | | |
| CAOND112272 | 150.0 | 151.5 | 1.5 | 0.003 | | | | |
| CAOND112273 | 151.5 | 153.0 | 1.5 | 0.003 | | | | |
| CAOND112274 | 153.0 | 154.5 | 1.5 | 0.003 | | | | |
| CAOND112276 | 154.5 | 156.0 | 1.5 | 0.005 | | | | |
| CAOND112277 | 156.0 | 157.5 | 1.5 | 0.025 | | | | |
| CAOND112278 | 157.5 | 159.0 | 1.5 | 0.003 | | | | |
| CAOND112279 | 159.0 | 160.5 | 1.5 | 0.003 | | | | |
| CAOND112281 | 160.5 | 162.0 | 1.5 | 0.003 | | | | |
| CAOND112282 | 162.0 | 163.5 | 1.5 | 0.003 | | | | |
| CAOND112283 | 163.5 | 165.0 | 1.5 | 0.003 | | | | |
| CAOND112284 | 165.0 | 166.5 | 1.5 | 0.003 | | | | |
| CAOND112285 | 166.5 | 168.0 | 1.5 | 0.003 | | | | |
| CAOND112286 | 168.0 | 169.5 | 1.5 | 0.003 | | | | |
| CAOND112287 | 169.5 | 171.0 | 1.5 | 0.003 | | | | |
| CAOND112288 | 171.0 | 172.5 | 1.5 | 0.003 | | | | |
| CAOND112289 | 172.5 | 174.0 | 1.5 | 0.003 | | | | |
| CAOND112291 | 174.0 | 175.5 | 1.5 | 0.003 | | | | |
| CAOND112292 | 175.5 | 177.0 | 1.5 | 0.003 | | | | |
| CAOND112293 | 177.0 | 178.5 | 1.5 | 0.003 | | | | |
| CAOND112294 | 178.5 | 180.0 | 1.5 | 0.003 | | | | |
| CAOND112295 | 180.0 | 181.5 | 1.5 | 0.003 | | | | |
| CAOND112296 | 181.5 | 183.0 | 1.5 | 0.003 | | | | |
| CAOND112297 | 183.0 | 184.5 | 1.5 | 0.003 | | | | |
| CAOND112298 | 184.5 | 186.0 | 1.5 | 0.003 | | | | |
| CAOND112299 | 186.0 | 187.5 | 1.5 | 0.003 | | | | |
| CAOND112301 | 187.5 | 189.0 | 1.5 | 0.003 | | | | |
| CAOND112302 | 189.0 | 190.5 | 1.5 | 0.003 | | | | |
| CAOND112303 | 190.5 | 192.0 | 1.5 | 0.003 | | | | |
| CAOND112304 | 192.0 | 193.5 | 1.5 | 0.003 | | | | |
| CAOND112305 | 193.5 | 195.0 | 1.5 | 0.003 | | | | |

**Hole number:** KLUC18-505

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112306 | 195.0 | 196.5 | 1.5 | 0.003 | | | | |
| CAOND112307 | 196.5 | 198.0 | 1.5 | 0.003 | | | | |
| CAOND112308 | 198.0 | 199.5 | 1.5 | 0.003 | | | | |
| CAOND112309 | 199.5 | 201.0 | 1.5 | 0.003 | | | | |
| CAOND112310 | 201.0 | 202.5 | 1.5 | 0.003 | | | | |
| CAOND112311 | 202.5 | 204.0 | 1.5 | 0.003 | | | | |
| CAOND112312 | 204.0 | 205.5 | 1.5 | 0.003 | | | | |
| CAOND112313 | 205.5 | 207.0 | 1.5 | 0.003 | | | | |
| CAOND112314 | 207.0 | 208.5 | 1.5 | 0.003 | | | | |
| CAOND112316 | 208.5 | 210.0 | 1.5 | 0.003 | | | | |
| CAOND112317 | 210.0 | 211.5 | 1.5 | 0.003 | 0.250 | 32 | 69 | |
| CAOND112318 | 211.5 | 213.0 | 1.5 | 0.003 | | | | |
| CAOND112319 | 213.0 | 214.5 | 1.5 | 0.003 | | | | |
| CAOND112321 | 214.5 | 216.0 | 1.5 | 0.003 | | | | |
| CAOND112322 | 216.0 | 217.5 | 1.5 | 0.003 | | | | |
| CAOND112323 | 217.5 | 219.0 | 1.5 | 0.003 | | | | |
| CAOND112324 | 219.0 | 220.5 | 1.5 | 0.003 | | | | |
| CAOND112326 | 220.5 | 222.0 | 1.5 | 0.003 | | | | |
| CAOND112327 | 222.0 | 223.5 | 1.5 | 0.003 | | | | |
| CAOND112328 | 223.5 | 225.0 | 1.5 | 0.003 | | | | |
| CAOND112329 | 225.0 | 226.5 | 1.5 | 0.003 | | | | |
| CAOND112331 | 226.5 | 228.0 | 1.5 | 0.003 | | | | |
| CAOND112332 | 228.0 | 229.5 | 1.5 | 0.003 | | | | |
| CAOND112333 | 229.5 | 231.0 | 1.5 | 0.003 | | | | |
| CAOND112334 | 231.0 | 232.5 | 1.5 | 0.003 | | | | |
| CAOND112335 | 232.5 | 234.0 | 1.5 | 0.003 | | | | |
| CAOND112336 | 234.0 | 235.5 | 1.5 | 0.003 | | | | |
| CAOND112337 | 235.5 | 237.0 | 1.5 | 0.003 | | | | |
| CAOND112338 | 237.0 | 240.0 | 3.0 | 0.003 | | | | |
| | | | Subsequent sample destroyed by lab during preparation. This sample was extended to cover the missing sample. | | | | | |
| CAOND112340 | 240.0 | 241.5 | 1.5 | 0.003 | | | | |
| CAOND112341 | 241.5 | 243.0 | 1.5 | 0.003 | | | | |

**Hole number:** KLUC18-505

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112342 | 243.0 | 244.5 | 1.5 | 0.003 | | | | |
| CAOND112343 | 244.5 | 246.0 | 1.5 | 0.003 | | | | |
| CAOND112344 | 246.0 | 246.6 | 0.6 | 0.003 | | | | |

**Major:** **From:** 246.60 **To:** 260.20 V8, Trachyte

Composition: Dark green and greenish grey, mafic, massive, fine grained with 5-10% mm scale pale pink and white phenocrysts over 5m after upper contact; V8 - Trachyte Magnetism: Moderately magnetic Veinning: 2% mm scale, white, discontinuous and whispy qtz-cal and cal veinlets Structure: Weakly derformed and weakly fractured Alteration: Moderate pervasive chlorite alteration and moderate spotted calcite alteration Mineralization: 1-2% fine to medium grained disseminated Py throughout with minor intervals with up to 10% diss. Py Lower Contact: Not clear, contact is placed wher phenocrysts suddenly become a abundant

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

246.60 - 248.00: PYR, DIS, 5.00, -, FGR, 5% fine grained diss. Py
248.00 - 250.00: PYR, DIS, 10.00, -, MGR, 10% f. - m. gr. diss. Py
250.00 - 260.20: PYR, DIS, 1.00, -, FGR, 1-2% f.gr. diss. Py

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

246.60 - 260.20: FOL, 40.00, WEAK, Weak deformation and weak to moderate prefential alignment at 40-50 TCA
246.60 - 260.20: FRA, -, WEAK, Weak fracturing into angular pieces 5-10cm thick with minor pieces 1-3cm

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112346 | 246.6 | 248.0 | 1.4 | 0.016 | | | | |
| CAOND112347 | 248.0 | 249.5 | 1.5 | 0.120 | | | | |
| CAOND112348 | 249.5 | 251.0 | 1.5 | 0.040 | | | | |
| CAOND112349 | 251.0 | 252.5 | 1.5 | 0.030 | | | | |
| CAOND112351 | 252.5 | 254.0 | 1.5 | 0.044 | 0.250 | 120 | 99 | |
| CAOND112352 | 254.0 | 255.5 | 1.5 | 0.033 | | | | |
| CAOND112353 | 255.5 | 257.0 | 1.5 | 0.023 | | | | |
| CAOND112354 | 257.0 | 258.5 | 1.5 | 0.023 | | | | |
| CAOND112355 | 258.5 | 259.5 | 1.0 | 0.019 | | | | |
| CAOND112356 | 259.5 | 260.2 | 0.7 | 0.012 | | | | |

**Major:** **From:** 260.20 **To:** 587.50 I2Dmp, Syenite mafic porphyryitic

Composition: Medium to dark green, medium greenish grey, medium purplish grey and medium reddish grey, fine grained matrix with 20-40% 1-3mm in size subhedral to anhedral feldspar phenocrysts. Minor mafic zenoliths randomly distributed throughout the intrusion dominantly angular and varying from 1-5cm in size; I2Dmp - Syenite mafic porphyritic Magnetism: Weak to locally moderately magnetic Veinning: 1% white qtz-calcite veinning 2-3mm thick at no preferred orientation. Structure: Undeformed with minor intervals of weak fracturing Alteration: Weak chlorite stringers, moderate pervasive calcite and weak pervasive hematite. Minor microfracture filled moderate epidote alteration. Mineralization: Rare to trace very fine grained disseminated Py mineralization; 420m onwards = 2-3% fine grained disseminated Py mineralization Lower Contact: Gradational 384-388m: increase in abundance and intensity of chlorite, calcite and other? alteration, phenocrysts are less visible but still present, hidden within alteration and possibly alterred themselves. 2% mm scale qtz-cal-chl veinning with weak hem + Se? altered alteration haloes up to 2cm of either side of veins. Trace diss. PY mineralization

**MINOR INTERVAL**

450.70 - 453.90: V8Composition: Dark green to purplish green, fine grained, relatively massive; V8 - Trachyte Magnetism: Weak to moderately magnetic Veinning: 5% mm scale calcite veinlets with 1%

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112357 | 260.2 | 261.5 | 1.3 | 0.003 | | | | |
| CAOND112358 | 261.5 | 263.0 | 1.5 | 0.003 | | | | |
| CAOND112359 | 263.0 | 264.5 | 1.5 | 0.003 | | | | |
| CAOND112361 | 264.5 | 266.0 | 1.5 | 0.003 | | | | |
| CAOND112362 | 266.0 | 267.5 | 1.5 | 0.003 | | | | |
| CAOND112363 | 267.5 | 269.0 | 1.5 | 0.003 | | | | |
| CAOND112364 | 269.0 | 270.5 | 1.5 | 0.003 | | | | |
| CAOND112365 | 270.5 | 272.0 | 1.5 | 0.003 | | | | |
| CAOND112366 | 272.0 | 273.5 | 1.5 | 0.003 | | | | |
| CAOND112367 | 273.5 | 275.0 | 1.5 | 0.003 | | | | |
| CAOND112368 | 275.0 | 276.5 | 1.5 | 0.003 | | | | |
| CAOND112369 | 276.5 | 278.0 | 1.5 | 0.003 | | | | |

**Hole number: KLUC18-505**

containning qtz Structure: Strong network of irregular and chaotic healed microfractures Alteration: Moderate stringers of chlorite alteration, local patch of weak hematite alteration, moderate spotted calcite alteration Mineralization: 1-2% fine grained disseminated and locally clustered Py mineralization Contacts: Upper contact sharp but fractured, lower contact sharp and straight; oriented at 40 TCA

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

420.00 - 436.00: PYR, DIS, 2.00, -, FGR, 2-3% f.gr. diss. Py

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

333.00 - 336.00: HEM+, PEN, MOD, RED2_BASIC, -, Moderate pervasive hematite alteration
347.00 - 351.00: HEM+, PEN, MOD, RED2_BASIC, -, Moderate pervasive hematite alteration
356.00 - 361.00: HEM+, PEN, MOD, RED2_BASIC, APH, Moderate pervasive hematite alteration
399.00 - 403.00: HEM+, PEN, MOD, RED2_BASIC, -, Moderate pervasive hematite alteration
410.00 - 414.00: HEM+, PEN, MOD, RED2_BASIC, APH, Moderate pervasive hematite alteration
518.00 - 520.00: EPD+, PAT, STRONG, GRN2_BASIC, -, Strong patchy epidote alteration occuring as parallel clusters
520.00 - 530.00: EPD+, PAT, WEAK, GRN2_BASIC, -, Weak patchy epidote alteration occuring as mm scale stringers of healed microfractures

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

260.20 - 284.00: FRA, -, WEAK, Weak fracturing into 1-2 and 5-10cm thick pieces
518.00 - 520.00: FOL, 40.00, MOD, Moderate to strong foliation oriented at 40-50 TCA defined by the alignment of epidote alteration occuring as clustered, parallel mm scale stringers

**VEIN**

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS

347.50 - 349.00: QtzCalChl, 3.00, -, -, -, GRY_00025, CPY, 1.00, 3% white qtz-cal-chl veinning 1-2cm thick with no preferred orientation. Local clustered 1% Cp mineralization occuring in vein
402.30 - 402.80: QtzCal, 15.00, -, -, -, GRY_00025, -, -, 10-15% white qtz-cal veining brecciating host rock
426.80 - 427.30: QtzCal, 40.00, -, -, -, GRY_00025, -, -, 40% white qtz-cal veinning brecciating host rock
445.00 - 446.00: QtzCalChl, 5.00, -, -, -, -, -, -, 5% white qtz-cal veins with clusters of dark green chlorite, varying in thickness 0.5-1cm thick, dominantly trending at 50-60 TCA
450.00 - 450.50: QtzCal, 20.00, -, -, -, GRY_00025, -, -, 10cm thick, white qtz-cal vein
464.00 - 475.00: QtzCalChl, 10.00, -, -, -, GRY_00025, PYR, 1.00, 10% white qtz-cal veinning with clusters of dark green chlorite. Veins dominantly 1-2cm thick with no preferred orientation, 1x 10cm thick vein. 1-2% fine grained disseminated Py mineralization in margins
476.20 - 477.50: QtzCal, 50.00, -, -, -, GRY_00025, PYR, .50, 50% white qtz veinning with minor cal-chl

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112371 | 278.0 | 279.5 | 1.5 | 0.003 | | | | |
| CAOND112372 | 279.5 | 281.0 | 1.5 | 0.003 | | | | |
| CAOND112373 | 281.0 | 282.5 | 1.5 | 0.003 | | | | |
| CAOND112374 | 282.5 | 284.0 | 1.5 | 0.003 | | | | |
| CAOND112376 | 284.0 | 285.5 | 1.5 | 0.003 | | | | |
| CAOND112377 | 285.5 | 287.0 | 1.5 | 0.003 | | | | |
| CAOND112378 | 287.0 | 288.5 | 1.5 | 0.003 | | | | |
| CAOND112379 | 288.5 | 290.0 | 1.5 | 0.003 | | | | |
| CAOND112381 | 290.0 | 291.5 | 1.5 | 0.003 | | | | |
| CAOND112382 | 291.5 | 293.0 | 1.5 | 0.003 | | | | |
| CAOND112383 | 293.0 | 294.5 | 1.5 | 0.003 | | | | |
| CAOND112384 | 294.5 | 296.0 | 1.5 | 0.003 | | | | |
| CAOND112385 | 296.0 | 297.5 | 1.5 | 0.003 | | | | |
| CAOND112386 | 297.5 | 299.0 | 1.5 | 0.003 | | | | |
| CAOND112387 | 299.0 | 300.5 | 1.5 | 0.003 | | | | |
| CAOND112388 | 300.5 | 302.0 | 1.5 | 0.003 | | | | |
| CAOND112389 | 302.0 | 303.5 | 1.5 | 0.003 | | | | |
| CAOND112391 | 303.5 | 305.0 | 1.5 | 0.003 | | | | |
| CAOND112392 | 305.0 | 306.5 | 1.5 | 0.003 | | | | |
| CAOND112393 | 306.5 | 308.0 | 1.5 | 0.003 | | | | |
| CAOND112394 | 308.0 | 309.5 | 1.5 | 0.003 | | | | |
| CAOND112395 | 309.5 | 311.0 | 1.5 | 0.003 | | | | |
| CAOND112396 | 311.0 | 312.5 | 1.5 | 0.003 | | | | |
| CAOND112397 | 312.5 | 314.0 | 1.5 | 0.003 | | | | |
| CAOND112398 | 314.0 | 315.5 | 1.5 | 0.003 | | | | |
| CAOND112399 | 315.5 | 317.0 | 1.5 | 0.003 | | | | |
| CAOND112401 | 317.0 | 317.9 | 0.9 | 0.003 | | | | |
| CAOND112402 | 317.9 | 319.0 | 1.1 | 0.003 | | | | |
| CAOND112403 | 319.0 | 320.5 | 1.5 | 0.003 | | | | |
| CAOND112404 | 320.5 | 322.0 | 1.5 | 0.003 | | | | |
| CAOND112405 | 322.0 | 323.5 | 1.5 | 0.003 | | | | |
| CAOND112406 | 323.5 | 325.0 | 1.5 | 0.003 | | | | |
| CAOND112407 | 325.0 | 326.5 | 1.5 | 0.003 | | | | |

**Hole number: KLUC18-505**

and angular brecciated clasts of wall rock
510.70 - 512.20: QtzCalChl, 5.00, -, -, -, GRY_00025, -, -, 2cm thick qtz-cal-chl vein running parallel to core axis over 1.5m
516.00 - 516.50: QtzCalChl, 10.00, -, -, -, GRY_00025, -, -, 10% white qtz-cal-chl vein, 3cm thick and trending at 40 TCA
520.00 - 522.40: QtzCalChl, 5.00, -, -, -, GRY_00025, -, -, 5% white qtz-cal-chl veinning, irregular and discontinuous 3-5cm thick with no preferred orientation
534.00 - 545.70: QtzCalChl, 5.00, -, -, -, GRY_00025, CPY, .50, 5% white and dark green qtz-cal-chl veinning, mm scale up to 5cm thick with no preferred orientation. Local 0.5% Cp and Py clustered in veins or in margins

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112408 | 326.5 | 328.0 | 1.5 | 0.003 | | | | |
| CAOND112409 | 328.0 | 329.5 | 1.5 | 0.003 | | | | |
| CAOND112410 | 329.5 | 331.0 | 1.5 | 0.003 | | | | |
| CAOND112411 | 331.0 | 332.5 | 1.5 | 0.003 | | | | |
| CAOND112412 | 332.5 | 334.0 | 1.5 | 0.003 | | | | |
| CAOND112413 | 334.0 | 335.5 | 1.5 | 0.003 | | | | |
| CAOND112414 | 335.5 | 337.0 | 1.5 | 0.003 | | | | |
| CAOND112416 | 337.0 | 338.5 | 1.5 | 0.003 | | | | |
| CAOND112417 | 338.5 | 340.0 | 1.5 | 0.003 | | | | |
| CAOND112418 | 340.0 | 341.5 | 1.5 | 0.003 | | | | |
| CAOND112419 | 341.5 | 343.0 | 1.5 | 0.003 | | | | |
| CAOND112421 | 343.0 | 344.5 | 1.5 | 0.003 | | | | |
| CAOND112422 | 344.5 | 346.0 | 1.5 | 0.003 | | | | |
| CAOND112423 | 346.0 | 347.5 | 1.5 | 0.003 | | | | |
| CAOND112424 | 347.5 | 349.0 | 1.5 | 0.003 | | | | |
| CAOND112426 | 349.0 | 350.5 | 1.5 | 0.003 | | | | |
| CAOND112427 | 350.5 | 352.0 | 1.5 | 0.003 | | | | |
| CAOND112428 | 352.0 | 353.5 | 1.5 | 0.003 | | | | |
| CAOND112429 | 353.5 | 355.0 | 1.5 | 0.003 | | | | |
| CAOND112431 | 355.0 | 356.5 | 1.5 | 0.003 | | | | |
| CAOND112432 | 356.5 | 358.0 | 1.5 | 0.003 | | | | |
| CAOND112433 | 358.0 | 359.5 | 1.5 | 0.003 | | | | |
| CAOND112434 | 359.5 | 361.0 | 1.5 | 0.003 | | | | |
| CAOND112435 | 361.0 | 362.5 | 1.5 | 0.003 | | | | |
| CAOND112436 | 362.5 | 364.0 | 1.5 | 0.003 | | | | |
| CAOND112437 | 364.0 | 365.5 | 1.5 | 0.003 | | | | |
| CAOND112438 | 365.5 | 367.0 | 1.5 | 0.003 | | | | |
| CAOND112439 | 367.0 | 368.5 | 1.5 | 0.003 | | | | |
| CAOND112440 | 368.5 | 370.0 | 1.5 | 0.003 | | | | |
| CAOND112441 | 370.0 | 371.5 | 1.5 | 0.003 | | | | |
| CAOND112442 | 371.5 | 373.0 | 1.5 | 0.003 | | | | |
| CAOND112443 | 373.0 | 374.5 | 1.5 | 0.003 | | | | |
| CAOND112444 | 374.5 | 376.0 | 1.5 | 0.003 | | | | |

**Hole number:** KLUC18-505

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112446 | 376.0 | 377.5 | 1.5 | 0.003 | | | | |
| CAOND112447 | 377.5 | 379.0 | 1.5 | 0.003 | | | | |
| CAOND112448 | 379.0 | 380.5 | 1.5 | 0.003 | | | | |
| CAOND112449 | 380.5 | 382.0 | 1.5 | 0.006 | | | | |
| CAOND112451 | 382.0 | 383.5 | 1.5 | 0.003 | | | | |
| CAOND112452 | 383.5 | 385.0 | 1.5 | 0.003 | | | | |
| CAOND112453 | 385.0 | 386.5 | 1.5 | 0.003 | | | | |
| CAOND112454 | 386.5 | 388.0 | 1.5 | 0.003 | | | | |
| CAOND112455 | 388.0 | 389.5 | 1.5 | 0.003 | | | | |
| CAOND112456 | 389.5 | 391.0 | 1.5 | 0.003 | | | | |
| CAOND112457 | 391.0 | 392.5 | 1.5 | 0.003 | | | | |
| CAOND112458 | 392.5 | 394.0 | 1.5 | 0.003 | | | | |
| CAOND112459 | 394.0 | 395.0 | 1.0 | 0.003 | | | | |
| CAOND112461 | 395.0 | 396.0 | 1.0 | 0.003 | | | | |
| CAOND112462 | 396.0 | 397.5 | 1.5 | 0.003 | | | | |
| CAOND112463 | 397.5 | 399.0 | 1.5 | 0.003 | | | | |
| CAOND112464 | 399.0 | 400.5 | 1.5 | 0.003 | | | | |
| CAOND112465 | 400.5 | 402.0 | 1.5 | 0.003 | | | | |
| CAOND112466 | 402.0 | 403.0 | 1.0 | 0.005 | | | | |
| CAOND112467 | 403.0 | 404.5 | 1.5 | 0.003 | | | | |
| CAOND112468 | 404.5 | 406.0 | 1.5 | 0.003 | | | | |
| CAOND112469 | 406.0 | 407.5 | 1.5 | 0.003 | | | | |
| CAOND112471 | 407.5 | 409.0 | 1.5 | 0.003 | | | | |
| CAOND112472 | 409.0 | 410.5 | 1.5 | 0.003 | | | | |
| CAOND112473 | 410.5 | 412.0 | 1.5 | 0.003 | | | | |
| CAOND112474 | 412.0 | 413.5 | 1.5 | 0.003 | | | | |
| CAOND112476 | 413.5 | 415.0 | 1.5 | 0.003 | | | | |
| CAOND112477 | 415.0 | 416.5 | 1.5 | 0.005 | | | | |
| CAOND112478 | 416.5 | 418.0 | 1.5 | 0.003 | 0.250 | 21 | 67 | |
| CAOND112479 | 418.0 | 419.5 | 1.5 | 0.003 | | | | |
| CAOND112481 | 419.5 | 421.0 | 1.5 | 0.003 | | | | |
| CAOND112482 | 421.0 | 422.5 | 1.5 | 0.003 | | | | |
| CAOND112483 | 422.5 | 424.0 | 1.5 | 0.003 | | | | |

**Hole number:** KLUC18-505

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112484 | 424.0 | 425.5 | 1.5 | 0.003 | | | | |
| CAOND112485 | 425.5 | 426.5 | 1.0 | 0.003 | | | | |
| CAOND112486 | 426.5 | 427.5 | 1.0 | 0.003 | | | | |
| CAOND112487 | 427.5 | 429.0 | 1.5 | 0.003 | | | | |
| CAOND112488 | 429.0 | 430.5 | 1.5 | 0.003 | | | | |
| CAOND112489 | 430.5 | 432.0 | 1.5 | 0.003 | | | | |
| CAOND112491 | 432.0 | 433.5 | 1.5 | 0.003 | | | | |
| CAOND112492 | 433.5 | 435.0 | 1.5 | 0.003 | | | | |
| CAOND112493 | 435.0 | 436.5 | 1.5 | 0.003 | | | | |
| CAOND112494 | 436.5 | 438.0 | 1.5 | 0.003 | | | | |
| CAOND112495 | 438.0 | 439.5 | 1.5 | 0.003 | | | | |
| CAOND112496 | 439.5 | 441.0 | 1.5 | 0.003 | | | | |
| CAOND112497 | 441.0 | 442.5 | 1.5 | 0.003 | | | | |
| CAOND112498 | 442.5 | 444.0 | 1.5 | 0.003 | | | | |
| CAOND112499 | 444.0 | 445.0 | 1.0 | 0.003 | | | | |
| CAOND112501 | 445.0 | 446.0 | 1.0 | 0.020 | | | | |
| CAOND112502 | 446.0 | 447.5 | 1.5 | 0.003 | | | | |
| CAOND112503 | 447.5 | 449.0 | 1.5 | 0.003 | | | | |
| CAOND112504 | 449.0 | 450.0 | 1.0 | 0.003 | | | | |
| CAOND112505 | 450.0 | 450.7 | 0.7 | 0.003 | | | | |
| CAOND112506 | 450.7 | 452.0 | 1.3 | 0.024 | | | | |
| CAOND112507 | 452.0 | 453.0 | 1.0 | 0.014 | | | | |
| CAOND112508 | 453.0 | 453.9 | 0.9 | 0.012 | | | | |
| CAOND112509 | 453.9 | 455.0 | 1.1 | 0.003 | | | | |
| CAOND112510 | 455.0 | 456.5 | 1.5 | 0.003 | | | | |
| CAOND112511 | 456.5 | 458.0 | 1.5 | 0.003 | | | | |
| CAOND112512 | 458.0 | 459.5 | 1.5 | 0.003 | | | | |
| CAOND112513 | 459.5 | 461.0 | 1.5 | 0.003 | | | | |
| CAOND112514 | 461.0 | 462.5 | 1.5 | 0.003 | | | | |
| CAOND112516 | 462.5 | 464.0 | 1.5 | 0.003 | | | | |
| CAOND112517 | 464.0 | 465.5 | 1.5 | 0.003 | | | | |
| CAOND112518 | 465.5 | 467.0 | 1.5 | 0.003 | | | | |
| CAOND112519 | 467.0 | 468.5 | 1.5 | 0.003 | | | | |

**Hole number:** KLUC18-505

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112521 | 468.5 | 470.0 | 1.5 | 0.003 | | | | |
| CAOND112522 | 470.0 | 471.4 | 1.4 | 0.003 | | | | |
| CAOND112523 | 471.4 | 472.5 | 1.1 | 0.003 | | | | |
| CAOND112524 | 472.5 | 474.0 | 1.5 | 0.003 | | | | |
| CAOND112526 | 474.0 | 475.5 | 1.5 | 0.003 | | | | |
| CAOND112527 | 475.5 | 476.3 | 0.8 | 0.003 | | | | |
| CAOND112528 | 476.3 | 477.5 | 1.2 | 0.003 | | | | |
| CAOND112529 | 477.5 | 479.0 | 1.5 | 0.003 | | | | |
| CAOND112531 | 479.0 | 480.5 | 1.5 | 0.003 | | | | |
| CAOND112532 | 480.5 | 482.0 | 1.5 | 0.003 | | | | |
| CAOND112533 | 482.0 | 483.5 | 1.5 | 0.003 | | | | |
| CAOND112534 | 483.5 | 485.0 | 1.5 | 0.003 | | | | |
| CAOND112535 | 485.0 | 486.5 | 1.5 | 0.003 | | | | |
| CAOND112536 | 486.5 | 488.0 | 1.5 | 0.003 | | | | |
| CAOND112537 | 488.0 | 489.5 | 1.5 | 0.003 | | | | |
| CAOND112538 | 489.5 | 491.0 | 1.5 | 0.003 | | | | |
| CAOND112539 | 491.0 | 492.5 | 1.5 | 0.003 | | | | |
| CAOND112540 | 492.5 | 494.0 | 1.5 | 0.003 | | | | |
| CAOND112541 | 494.0 | 495.5 | 1.5 | 0.003 | | | | |
| CAOND112542 | 495.5 | 497.0 | 1.5 | 0.003 | | | | |
| CAOND112543 | 497.0 | 498.5 | 1.5 | 0.003 | | | | |
| CAOND112544 | 498.5 | 500.0 | 1.5 | 0.003 | | | | |
| CAOND112546 | 500.0 | 501.5 | 1.5 | 0.003 | | | | |
| CAOND112547 | 501.5 | 503.0 | 1.5 | 0.003 | | | | |
| CAOND112548 | 503.0 | 504.5 | 1.5 | 0.003 | | | | |
| CAOND112549 | 504.5 | 506.0 | 1.5 | 0.003 | | | | |
| CAOND112551 | 506.0 | 507.5 | 1.5 | 0.003 | | | | |
| CAOND112552 | 507.5 | 509.0 | 1.5 | 0.003 | | | | |
| CAOND112553 | 509.0 | 510.0 | 1.0 | 0.003 | | | | |
| CAOND112554 | 510.0 | 510.7 | 0.7 | 0.003 | | | | |
| CAOND112555 | 510.7 | 512.2 | 1.5 | 0.003 | | | | |
| CAOND112556 | 512.2 | 513.5 | 1.3 | 0.003 | | | | |
| CAOND112557 | 513.5 | 514.9 | 1.4 | 0.003 | | | | |

**Hole number:** KLUC18-505

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112558 | 514.9 | 516.0 | 1.1 | 0.003 | | | | |
| CAOND112559 | 516.0 | 517.0 | 1.0 | 0.003 | | | | |
| CAOND112561 | 517.0 | 518.0 | 1.0 | 0.003 | | | | |
| CAOND112562 | 518.0 | 519.0 | 1.0 | 0.003 | | | | |
| CAOND112563 | 519.0 | 520.0 | 1.0 | 0.003 | | | | |
| CAOND112564 | 520.0 | 521.0 | 1.0 | 0.003 | | | | |
| CAOND112565 | 521.0 | 522.4 | 1.4 | 0.003 | | | | |
| CAOND112566 | 522.4 | 523.6 | 1.2 | 0.003 | | | | |
| CAOND112567 | 523.6 | 525.0 | 1.4 | 0.007 | | | | |
| CAOND112568 | 525.0 | 526.5 | 1.5 | 0.003 | | | | |
| CAOND112569 | 526.5 | 528.0 | 1.5 | 0.003 | | | | |
| CAOND112571 | 528.0 | 529.5 | 1.5 | 0.003 | | | | |
| CAOND112572 | 529.5 | 531.0 | 1.5 | 0.003 | | | | |
| CAOND112573 | 531.0 | 532.5 | 1.5 | 0.003 | | | | |
| CAOND112574 | 532.5 | 534.0 | 1.5 | 0.003 | | | | |
| CAOND112576 | 534.0 | 535.5 | 1.5 | 0.003 | | | | |
| CAOND112577 | 535.5 | 537.0 | 1.5 | 0.003 | | | | |
| CAOND112578 | 537.0 | 538.5 | 1.5 | 0.003 | | | | |
| CAOND112579 | 538.5 | 540.0 | 1.5 | 0.003 | | | | |
| CAOND112581 | 540.0 | 541.5 | 1.5 | 0.003 | | | | |
| CAOND112582 | 541.5 | 543.0 | 1.5 | 0.003 | | | | |
| CAOND112583 | 543.0 | 544.5 | 1.5 | 0.003 | | | | |
| CAOND112584 | 544.5 | 546.0 | 1.5 | 0.003 | | | | |
| CAOND112585 | 546.0 | 547.5 | 1.5 | 0.003 | | | | |
| CAOND112586 | 547.5 | 549.0 | 1.5 | 0.003 | | | | |
| CAOND112587 | 549.0 | 550.5 | 1.5 | 0.003 | | | | |
| CAOND112588 | 550.5 | 552.0 | 1.5 | 0.003 | | | | |
| CAOND112589 | 552.0 | 553.5 | 1.5 | 0.003 | | | | |
| CAOND112591 | 553.5 | 555.0 | 1.5 | 0.003 | | | | |
| CAOND112592 | 555.0 | 556.5 | 1.5 | 0.003 | | | | |
| CAOND112593 | 556.5 | 558.0 | 1.5 | 0.003 | | | | |
| CAOND112594 | 558.0 | 559.5 | 1.5 | 0.003 | | | | |
| CAOND112595 | 559.5 | 561.0 | 1.5 | 0.003 | | | | |

**Hole number:** KLUC18-505

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112596 | 561.0 | 562.5 | 1.5 | 0.003 | | | | |
| CAOND112597 | 562.5 | 564.0 | 1.5 | 0.003 | | | | |
| CAOND112598 | 564.0 | 565.5 | 1.5 | 0.003 | | | | |
| CAOND112599 | 565.5 | 567.0 | 1.5 | 0.003 | | | | |
| CAOND112601 | 567.0 | 568.5 | 1.5 | 0.003 | | | | |
| CAOND112602 | 568.5 | 570.0 | 1.5 | 0.003 | | | | |
| CAOND112603 | 570.0 | 571.5 | 1.5 | 0.003 | | | | |
| CAOND112604 | 571.5 | 573.0 | 1.5 | 0.003 | | | | |
| CAOND112605 | 573.0 | 574.5 | 1.5 | 0.003 | | | | |
| CAOND112606 | 574.5 | 576.0 | 1.5 | 0.003 | | | | |
| CAOND112607 | 576.0 | 577.5 | 1.5 | 0.003 | | | | |
| CAOND112608 | 577.5 | 579.0 | 1.5 | 0.003 | | | | |
| CAOND112609 | 579.0 | 580.5 | 1.5 | 0.003 | | | | |
| CAOND112610 | 580.5 | 582.0 | 1.5 | 0.003 | | | | |
| CAOND112611 | 582.0 | 583.0 | 1.0 | 0.003 | | | | |
| CAOND112612 | 583.0 | 584.5 | 1.5 | 0.018 | | | | |
| CAOND112613 | 584.5 | 586.0 | 1.5 | 0.003 | | | | |
| CAOND112614 | 586.0 | 587.5 | 1.5 | 0.003 | | | | |

**Major:** **From:** 587.50 **To:** 593.00 V8Porph, Trachyte porphyrytic

Composition: Dark green to dark purplish grey, fine grained relatively massive matrix with 5-10% mm scale, faintly visible phenocrysts; V8porph Magnetism: Weak to moderately magnetic Veinning: 1% irregular mm scale whispy calcite veinning Structure: Moderately deformed with moderate healed fracturing Alteration: Weak patchy chlorite and calcite alteration Mineralization: Non observed Lower Contact: Gradational; contact placed where phenocrysts become more abundant

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112616 | 587.5 | 589.0 | 1.5 | 0.003 | | | | |
| CAOND112617 | 589.0 | 590.5 | 1.5 | 0.003 | | | | |
| CAOND112618 | 590.5 | 592.0 | 1.5 | 0.003 | | | | |
| CAOND112619 | 592.0 | 593.0 | 1.0 | 0.003 | | | | |

**Major:** **From:** 593.00 **To:** 689.50 I2Dmp, Syenite mafic porphyryitic

Composition: Dark grey to dark purplish grey, fine grained, massive matrix with 10-20% fine grained, white to beige, subhedral to anhedral feldspar phenocrysts; I2Dmp Magnetism: Weak to moderately magnetic Veinning: 1% qtz-cal-bt veinning 2-3cm thick and 1-2% healed microfractures of cal-hem Structure: No signficant structures Alteration: Rare to weak calcite alteration, weak pervasive spots of biotite alteration Mineralization: Trace very fine grained Py mineralization Lower Contact: Not reached

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

633.90 - 634.00: CPY, DIS, 3.00, -, FGR, 3% clustered Cp mineralization occuring in 1cm thick qtz-cal-chl-hem vein

**VEIN**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112621 | 593.0 | 594.5 | 1.5 | 0.003 | | | | |
| CAOND112622 | 594.5 | 596.0 | 1.5 | 0.003 | | | | |
| CAOND112623 | 596.0 | 597.5 | 1.5 | 0.003 | | | | |
| CAOND112624 | 597.5 | 599.0 | 1.5 | 0.003 | | | | |
| CAOND112626 | 599.0 | 600.5 | 1.5 | 0.003 | | | | |
| CAOND112627 | 600.5 | 602.0 | 1.5 | 0.003 | | | | |
| CAOND112628 | 602.0 | 603.5 | 1.5 | 0.003 | | | | |
| CAOND112629 | 603.5 | 605.0 | 1.5 | 0.003 | | | | |

**Hole number: KLUC18-505**

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS
600.60 - 602.00: QtzBti, 2.00, -, -, -, GRY_00025, -, -, 2% qtz-cal-bt veinning 2-3cm thick, trending at 60-70 TCA with 0.5% very fine grained PY and Mt mineralization
637.10 - 638.60: QtzCalChl, 15.00, -, -, -, GRY_00025, CPY, 1.00, 15% white qtz vein with minor cal,chl and hem clusters and 1% clustered Cp mineralization. 1x 40cm thick vein with brecciated clast of host rock, remainder of veins at irregular and 1-2cm thick

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112631 | 605.0 | 606.5 | 1.5 | 0.003 | | | | |
| CAOND112632 | 606.5 | 608.0 | 1.5 | 0.003 | | | | |
| CAOND112633 | 608.0 | 609.5 | 1.5 | 0.003 | | | | |
| CAOND112634 | 609.5 | 611.0 | 1.5 | 0.003 | | | | |
| CAOND112635 | 611.0 | 612.5 | 1.5 | 0.003 | | | | |
| CAOND112636 | 612.5 | 614.0 | 1.5 | 0.003 | | | | |
| CAOND112637 | 614.0 | 615.5 | 1.5 | 0.003 | | | | |
| CAOND112638 | 615.5 | 617.0 | 1.5 | 0.003 | | | | |
| CAOND112639 | 617.0 | 618.5 | 1.5 | 0.003 | | | | |
| CAOND112640 | 618.5 | 620.0 | 1.5 | 0.003 | | | | |
| CAOND112641 | 620.0 | 621.5 | 1.5 | 0.003 | | | | |
| CAOND112642 | 621.5 | 623.0 | 1.5 | 0.003 | | | | |
| CAOND112643 | 623.0 | 624.5 | 1.5 | 0.003 | | | | |
| CAOND112644 | 624.5 | 626.0 | 1.5 | 0.003 | | | | |
| CAOND112646 | 626.0 | 627.5 | 1.5 | 0.003 | | | | |
| CAOND112647 | 627.5 | 629.0 | 1.5 | 0.003 | | | | |
| CAOND112648 | 629.0 | 630.5 | 1.5 | 0.003 | | | | |
| CAOND112649 | 630.5 | 632.0 | 1.5 | 0.003 | | | | |
| CAOND112651 | 632.0 | 633.5 | 1.5 | 0.011 | | | | |
| CAOND112652 | 633.5 | 635.0 | 1.5 | 0.006 | | | | |
| CAOND112653 | 635.0 | 636.0 | 1.0 | 0.003 | | | | |
| CAOND112654 | 636.0 | 637.1 | 1.1 | 0.003 | | | | |
| CAOND112655 | 637.1 | 637.9 | 0.8 | 0.003 | | | | |
| CAOND112656 | 637.9 | 638.6 | 0.7 | 0.003 | | | | |
| CAOND112657 | 638.6 | 640.0 | 1.4 | 0.003 | | | | |
| CAOND112658 | 640.0 | 641.5 | 1.5 | 0.003 | | | | |
| CAOND112659 | 641.5 | 643.0 | 1.5 | 0.003 | | | | |
| CAOND112661 | 643.0 | 644.5 | 1.5 | 0.003 | | | | |
| CAOND112662 | 644.5 | 646.0 | 1.5 | 0.003 | | | | |
| CAOND112663 | 646.0 | 647.5 | 1.5 | 0.003 | | | | |
| CAOND112664 | 647.5 | 649.0 | 1.5 | 0.003 | | | | |
| CAOND112665 | 649.0 | 650.5 | 1.5 | 0.003 | | | | |
| CAOND112666 | 650.5 | 652.0 | 1.5 | 0.003 | | | | |

**Hole number:** KLUC18-505

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112667 | 652.0 | 653.5 | 1.5 | 0.003 | | | | |
| CAOND112668 | 653.5 | 655.0 | 1.5 | 0.003 | | | | |
| CAOND112669 | 655.0 | 656.5 | 1.5 | 0.003 | | | | |
| CAOND112671 | 656.5 | 658.0 | 1.5 | 0.007 | | | | |
| CAOND112672 | 658.0 | 659.5 | 1.5 | 0.003 | | | | |
| CAOND112673 | 659.5 | 661.0 | 1.5 | 0.003 | | | | |
| CAOND112674 | 661.0 | 662.5 | 1.5 | 0.003 | | | | |
| CAOND112676 | 662.5 | 664.0 | 1.5 | 0.003 | | | | |
| CAOND112677 | 664.0 | 665.5 | 1.5 | 0.003 | | | | |
| CAOND112678 | 665.5 | 667.0 | 1.5 | 0.003 | | | | |
| CAOND112679 | 667.0 | 668.5 | 1.5 | 0.003 | | | | |
| CAOND112681 | 668.5 | 670.0 | 1.5 | 0.003 | | | | |
| CAOND112682 | 670.0 | 671.5 | 1.5 | 0.003 | | | | |
| CAOND112683 | 671.5 | 673.0 | 1.5 | 0.003 | | | | |
| CAOND112684 | 673.0 | 674.5 | 1.5 | 0.003 | | | | |
| CAOND112685 | 674.5 | 676.0 | 1.5 | 0.003 | | | | |
| CAOND112686 | 676.0 | 677.5 | 1.5 | 0.003 | | | | |
| CAOND112687 | 677.5 | 679.0 | 1.5 | 0.003 | | | | |
| CAOND112688 | 679.0 | 680.5 | 1.5 | 0.003 | | | | |
| CAOND112689 | 680.5 | 682.0 | 1.5 | 0.003 | | | | |
| CAOND112691 | 682.0 | 683.5 | 1.5 | 0.003 | | | | |
| CAOND112692 | 683.5 | 685.0 | 1.5 | 0.003 | | | | |
| CAOND112693 | 685.0 | 686.5 | 1.5 | 0.003 | | | | |
| CAOND112694 | 686.5 | 688.0 | 1.5 | 0.003 | | | | |
| CAOND112695 | 688.0 | 689.5 | 1.5 | 0.003 | 0.250 | 28 | 78 | |

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 15.0 | 18.0 | 88.00 | 100.00 | | | N | |
| 18.0 | 21.0 | 88.00 | 100.00 | | | N | |
| 21.0 | 24.0 | 82.00 | 100.00 | | | N | |
| 24.0 | 27.0 | 83.00 | 100.00 | | | N | |
| 27.0 | 30.0 | 92.00 | 100.00 | | | N | |

**Hole number:** KLUC18-505

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 30.0 | 33.0 | 90.00 | 100.00 | | | N | |
| 33.0 | 36.0 | 72.00 | 100.00 | | | N | |
| 36.0 | 39.0 | 77.00 | 100.00 | | | N | |
| 39.0 | 42.0 | 93.00 | 100.00 | | | N | |
| 42.0 | 45.0 | 63.00 | 100.00 | | | N | |
| 45.0 | 48.0 | 80.00 | 100.00 | | | N | |
| 48.0 | 51.0 | 67.00 | 100.00 | | | N | |
| 51.0 | 54.0 | 50.00 | 100.00 | | | N | |
| 54.0 | 57.0 | 60.00 | 100.00 | | | N | |
| 57.0 | 60.0 | 62.00 | 100.00 | | | N | |
| 60.0 | 63.0 | 63.00 | 100.00 | | | N | |
| 63.0 | 66.0 | 80.00 | 100.00 | | | N | |
| 66.0 | 69.0 | 82.00 | 100.00 | | | N | |
| 69.0 | 72.0 | 73.00 | 100.00 | | | N | |
| 72.0 | 75.0 | 78.00 | 100.00 | | | N | |
| 75.0 | 78.0 | 80.00 | 100.00 | | | N | |
| 78.0 | 81.0 | 92.00 | 100.00 | | | N | |
| 81.0 | 84.0 | 80.00 | 100.00 | | | N | |
| 84.0 | 87.0 | 67.00 | 100.00 | | | N | |
| 87.0 | 90.0 | 95.00 | 100.00 | | | N | |
| 90.0 | 93.0 | 87.00 | 100.00 | | | N | |
| 93.0 | 96.0 | 80.00 | 100.00 | | | N | |
| 96.0 | 99.0 | 82.00 | 100.00 | | | N | |
| 99.0 | 102.0 | 88.00 | 100.00 | | | N | |
| 102.0 | 105.0 | 87.00 | 100.00 | | | N | |
| 105.0 | 108.0 | 87.00 | 100.00 | | | N | |
| 108.0 | 111.0 | 57.00 | 100.00 | | | N | |
| 111.0 | 114.0 | 92.00 | 100.00 | | | N | |

**Hole number:** KLUC18-505

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 114.0 | 117.0 | 67.00 | 100.00 | | | N | |
| 117.0 | 120.0 | 87.00 | 100.00 | | | N | |
| 120.0 | 123.0 | 93.00 | 100.00 | | | N | |
| 123.0 | 126.0 | 78.00 | 100.00 | | | N | |
| 126.0 | 129.0 | 93.00 | 100.00 | | | N | |
| 129.0 | 132.0 | 87.00 | 100.00 | | | N | |
| 132.0 | 135.0 | 55.00 | 100.00 | | | N | |
| 135.0 | 138.0 | 80.00 | 100.00 | | | N | |
| 138.0 | 141.0 | 87.00 | 100.00 | | | N | |
| 141.0 | 144.0 | 82.00 | 100.00 | | | N | |
| 144.0 | 147.0 | 80.00 | 100.00 | | | N | |
| 147.0 | 150.0 | 70.00 | 100.00 | | | N | |
| 150.0 | 153.0 | 47.00 | 100.00 | | | N | |
| 153.0 | 156.0 | 83.00 | 100.00 | | | N | |
| 156.0 | 159.0 | 88.00 | 100.00 | | | N | |
| 159.0 | 162.0 | 83.00 | 100.00 | | | N | |
| 162.0 | 165.0 | 87.00 | 100.00 | | | N | |
| 165.0 | 168.0 | 87.00 | 100.00 | | | N | |
| 168.0 | 171.0 | 83.00 | 100.00 | | | N | |
| 171.0 | 174.0 | 80.00 | 100.00 | | | N | |
| 174.0 | 177.0 | 87.00 | 100.00 | | | N | |
| 177.0 | 180.0 | 70.00 | 100.00 | | | N | |
| 180.0 | 183.0 | 67.00 | 100.00 | | | N | |
| 183.0 | 186.0 | 40.00 | 100.00 | | | N | |
| 186.0 | 189.0 | 50.00 | 100.00 | | | N | |
| 189.0 | 192.0 | 73.00 | 100.00 | | | N | |
| 192.0 | 195.0 | 50.00 | 100.00 | | | N | |
| 195.0 | 198.0 | 33.00 | 100.00 | | | N | |

**Hole number:** KLUC18-505

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 198.0 | 201.0 | 28.00 | 100.00 | | | N | |
| 201.0 | 204.0 | 50.00 | 100.00 | | | N | |
| 204.0 | 207.0 | 72.00 | 100.00 | | | N | |
| 207.0 | 210.0 | 62.00 | 100.00 | | | N | |
| 210.0 | 213.0 | 80.00 | 100.00 | | | N | |
| 213.0 | 216.0 | 78.00 | 100.00 | | | N | |
| 216.0 | 219.0 | 62.00 | 100.00 | | | N | |
| 219.0 | 222.0 | 72.00 | 100.00 | | | N | |
| 222.0 | 225.0 | 63.00 | 100.00 | | | N | |
| 225.0 | 228.0 | 60.00 | 100.00 | | | N | |
| 228.0 | 231.0 | 67.00 | 100.00 | | | N | |
| 231.0 | 234.0 | 52.00 | 100.00 | | | N | |
| 234.0 | 237.0 | 67.00 | 100.00 | | | N | |
| 237.0 | 240.0 | 80.00 | 100.00 | | | N | |
| 240.0 | 243.0 | 48.00 | 100.00 | | | N | |
| 243.0 | 246.0 | 88.00 | 100.00 | | | N | |
| 246.0 | 249.0 | 68.00 | 100.00 | | | N | |
| 249.0 | 252.0 | 73.00 | 100.00 | | | N | |
| 252.0 | 255.0 | 60.00 | 100.00 | | | N | |
| 255.0 | 258.0 | 37.00 | 100.00 | | | N | |
| 258.0 | 261.0 | 17.00 | 100.00 | | | N | |
| 261.0 | 264.0 | 50.00 | 100.00 | | | N | |
| 264.0 | 267.0 | 65.00 | 100.00 | | | N | |
| 267.0 | 270.0 | 67.00 | 100.00 | | | N | |
| 270.0 | 273.0 | 37.00 | 100.00 | | | N | |
| 273.0 | 276.0 | 45.00 | 100.00 | | | N | |
| 276.0 | 279.0 | 47.00 | 100.00 | | | N | |
| 279.0 | 282.0 | 52.00 | 100.00 | | | N | |

**Hole number:** KLUC18-505

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 282.0 | 285.0 | 73.00 | 100.00 | | | N | |
| 285.0 | 288.0 | 63.00 | 100.00 | | | N | |
| 288.0 | 291.0 | 73.00 | 100.00 | | | N | |
| 291.0 | 294.0 | 78.00 | 100.00 | | | N | |
| 294.0 | 297.0 | 100.00 | 100.00 | | | N | |
| 297.0 | 300.0 | 98.00 | 100.00 | | | N | |
| 300.0 | 303.0 | 88.00 | 100.00 | | | N | |
| 303.0 | 306.0 | 93.00 | 100.00 | | | N | |
| 306.0 | 309.0 | 95.00 | 100.00 | | | N | |
| 309.0 | 312.0 | 93.00 | 100.00 | | | N | |
| 312.0 | 315.0 | 92.00 | 100.00 | | | N | |
| 315.0 | 318.0 | 90.00 | 100.00 | | | N | |
| 318.0 | 321.0 | 90.00 | 100.00 | | | N | |
| 321.0 | 324.0 | 98.00 | 100.00 | | | N | |
| 324.0 | 327.0 | 97.00 | 100.00 | | | N | |
| 327.0 | 330.0 | 97.00 | 100.00 | | | N | |
| 330.0 | 333.0 | 95.00 | 100.00 | | | N | |
| 333.0 | 336.0 | 78.00 | 100.00 | | | N | |
| 336.0 | 339.0 | 93.00 | 100.00 | | | N | |
| 339.0 | 342.0 | 92.00 | 100.00 | | | N | |
| 342.0 | 345.0 | 100.00 | 100.00 | | | N | |
| 345.0 | 348.0 | 98.00 | 100.00 | | | N | |
| 348.0 | 351.0 | 73.00 | 100.00 | | | N | |
| 351.0 | 354.0 | 97.00 | 100.00 | | | N | |
| 354.0 | 357.0 | 95.00 | 100.00 | | | N | |
| 357.0 | 360.0 | 95.00 | 100.00 | | | N | |
| 360.0 | 363.0 | 97.00 | 100.00 | | | N | |
| 363.0 | 366.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC18-505

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 366.0 | 369.0 | 95.00 | 100.00 | | | N | |
| 369.0 | 372.0 | 98.00 | 100.00 | | | N | |
| 372.0 | 375.0 | 73.00 | 100.00 | | | N | |
| 375.0 | 378.0 | 97.00 | 100.00 | | | N | |
| 378.0 | 381.0 | 90.00 | 100.00 | | | N | |
| 381.0 | 384.0 | 93.00 | 100.00 | | | N | |
| 384.0 | 387.0 | 93.00 | 100.00 | | | N | |
| 387.0 | 390.0 | 83.00 | 100.00 | | | N | |
| 390.0 | 393.0 | 95.00 | 100.00 | | | N | |
| 393.0 | 396.0 | 88.00 | 100.00 | | | N | |
| 396.0 | 399.0 | 88.00 | 100.00 | | | N | |
| 399.0 | 402.0 | 60.00 | 100.00 | | | N | |
| 402.0 | 405.0 | 65.00 | 100.00 | | | N | |
| 405.0 | 408.0 | 47.00 | 100.00 | | | N | |
| 408.0 | 411.0 | 87.00 | 100.00 | | | N | |
| 411.0 | 414.0 | 68.00 | 100.00 | | | N | |
| 414.0 | 417.0 | 67.00 | 100.00 | | | N | |
| 417.0 | 420.0 | 75.00 | 100.00 | | | N | |
| 420.0 | 423.0 | 87.00 | 100.00 | | | N | |
| 423.0 | 426.0 | 97.00 | 100.00 | | | N | |
| 426.0 | 429.0 | 92.00 | 100.00 | | | N | |
| 429.0 | 432.0 | 92.00 | 100.00 | | | N | |
| 432.0 | 435.0 | 87.00 | 100.00 | | | N | |
| 435.0 | 438.0 | 77.00 | 100.00 | | | N | |
| 438.0 | 441.0 | 97.00 | 100.00 | | | N | |
| 441.0 | 444.0 | 77.00 | 100.00 | | | N | |
| 444.0 | 447.0 | 85.00 | 100.00 | | | N | |
| 447.0 | 450.0 | 97.00 | 100.00 | | | N | |

**Hole number:** KLUC18-505

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 450.0 | 453.0 | 97.00 | 100.00 | | | N | |
| 453.0 | 456.0 | 87.00 | 100.00 | | | N | |
| 456.0 | 459.0 | 93.00 | 100.00 | | | N | |
| 459.0 | 462.0 | 88.00 | 100.00 | | | N | |
| 462.0 | 465.0 | 93.00 | 100.00 | | | N | |
| 465.0 | 468.0 | 70.00 | 100.00 | | | N | |
| 468.0 | 471.0 | 85.00 | 100.00 | | | N | |
| 471.0 | 474.0 | 90.00 | 100.00 | | | N | |
| 474.0 | 477.0 | 82.00 | 100.00 | | | N | |
| 477.0 | 480.0 | 72.00 | 100.00 | | | N | |
| 480.0 | 483.0 | 87.00 | 100.00 | | | N | |
| 483.0 | 486.0 | 90.00 | 100.00 | | | N | |
| 486.0 | 489.0 | 78.00 | 100.00 | | | N | |
| 489.0 | 492.0 | 70.00 | 100.00 | | | N | |
| 492.0 | 495.0 | 90.00 | 100.00 | | | N | |
| 495.0 | 498.0 | 97.00 | 100.00 | | | N | |
| 498.0 | 501.0 | 97.00 | 100.00 | | | N | |
| 501.0 | 504.0 | 93.00 | 100.00 | | | N | |
| 504.0 | 507.0 | 100.00 | 100.00 | | | N | |
| 507.0 | 510.0 | 100.00 | 100.00 | | | N | |
| 510.0 | 513.0 | 98.00 | 100.00 | | | N | |
| 513.0 | 516.0 | 100.00 | 100.00 | | | N | |
| 516.0 | 519.0 | 100.00 | 100.00 | | | N | |
| 519.0 | 522.0 | 98.00 | 100.00 | | | N | |
| 522.0 | 525.0 | 100.00 | 100.00 | | | N | |
| 525.0 | 528.0 | 100.00 | 100.00 | | | N | |
| 528.0 | 531.0 | 100.00 | 100.00 | | | N | |
| 531.0 | 534.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC18-505

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 534.0 | 537.0 | 100.00 | 100.00 | | | N | |
| 537.0 | 540.0 | 90.00 | 100.00 | | | N | |
| 540.0 | 543.0 | 97.00 | 100.00 | | | N | |
| 543.0 | 546.0 | 100.00 | 100.00 | | | N | |
| 546.0 | 549.0 | 97.00 | 100.00 | | | N | |
| 549.0 | 552.0 | 97.00 | 100.00 | | | N | |
| 552.0 | 555.0 | 98.00 | 100.00 | | | N | |
| 555.0 | 558.0 | 97.00 | 100.00 | | | N | |
| 558.0 | 561.0 | 90.00 | 100.00 | | | N | |
| 561.0 | 564.0 | 98.00 | 100.00 | | | N | |
| 564.0 | 567.0 | 93.00 | 100.00 | | | N | |
| 567.0 | 570.0 | 97.00 | 100.00 | | | N | |
| 570.0 | 573.0 | 92.00 | 100.00 | | | N | |
| 573.0 | 576.0 | 95.00 | 100.00 | | | N | |
| 576.0 | 579.0 | 98.00 | 100.00 | | | N | |
| 579.0 | 582.0 | 93.00 | 100.00 | | | N | |
| 582.0 | 585.0 | 93.00 | 100.00 | | | N | |
| 585.0 | 588.0 | 78.00 | 100.00 | | | N | |
| 588.0 | 591.0 | 67.00 | 100.00 | | | N | |
| 591.0 | 594.0 | 85.00 | 100.00 | | | N | |
| 594.0 | 597.0 | 100.00 | 100.00 | | | N | |
| 597.0 | 600.0 | 98.00 | 100.00 | | | N | |
| 600.0 | 603.0 | 88.00 | 100.00 | | | N | |
| 603.0 | 606.0 | 98.00 | 100.00 | | | N | |
| 606.0 | 609.0 | 97.00 | 100.00 | | | N | |
| 609.0 | 612.0 | 100.00 | 100.00 | | | N | |
| 612.0 | 615.0 | 100.00 | 100.00 | | | N | |
| 615.0 | 618.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC18-505

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 618.0 | 621.0 | 100.00 | 100.00 | | | N | |
| 621.0 | 624.0 | 97.00 | 100.00 | | | N | |
| 624.0 | 627.0 | 93.00 | 100.00 | | | N | |
| 627.0 | 630.0 | 98.00 | 100.00 | | | N | |
| 630.0 | 633.0 | 100.00 | 100.00 | | | N | |
| 633.0 | 636.0 | 97.00 | 100.00 | | | N | |
| 636.0 | 639.0 | 97.00 | 100.00 | | | N | |
| 639.0 | 642.0 | 93.00 | 100.00 | | | N | |
| 642.0 | 645.0 | 98.00 | 100.00 | | | N | |
| 645.0 | 648.0 | 88.00 | 100.00 | | | N | |
| 648.0 | 651.0 | 93.00 | 100.00 | | | N | |
| 651.0 | 654.0 | 83.00 | 100.00 | | | N | |
| 654.0 | 657.0 | 80.00 | 100.00 | | | N | |
| 657.0 | 660.0 | 90.00 | 100.00 | | | N | |
| 660.0 | 663.0 | 97.00 | 100.00 | | | N | |
| 663.0 | 666.0 | 93.00 | 100.00 | | | N | |
| 666.0 | 669.0 | 90.00 | 100.00 | | | N | |
| 669.0 | 672.0 | 95.00 | 100.00 | | | N | |
| 672.0 | 675.0 | 97.00 | 100.00 | | | N | |
| 675.0 | 678.0 | 97.00 | 100.00 | | | N | |
| 678.0 | 681.0 | 93.00 | 100.00 | | | N | |
| 681.0 | 684.0 | 97.00 | 100.00 | | | N | |
| 684.0 | 687.0 | 95.00 | 100.00 | | | N | |

AGNICO EAGLE

# DRILL HOLE REPORT

## EXPLORATION CANADA ONTARIO

**Hole number:** KLUC18-506 **Project Number:** U_Canada **Project name:** Upper Canada

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Historic hole number:** | | **Collar survey:** | Y | **From:** | 0.0 | **Coordinates:** | P |
| **System:** | METRIC | **Verified:** | | **To:** | 261.0 | **Grid:** | UTM83-17_CSRS-2010: |
| **Target:** | UC_NORTHLAND | **Gas:** | N | **Depth:** | 261.0 | **North:** | 5,332,900.49 |
| **No. Claim:** | PAT-18821 | **Multishot survey:** | N | **Location:** | Surface | **East:** | 586,079.01 |
| **Year:** | 2 018 | **Is making water:** | N | **Core storage:** | Mine Site | **Elevation:** | 353.12 |
| **Date started:** | 9/5/2018 | **Object in hole:** | N | **Contractor:** | Asinii Drilling | **Collar dip:** | -45.24 |
| **Date logged:** | 2018-09-06 | **Pulse EM survey:** | N | **Logged by:** | Monica Oosterman | **Collar azimuth:** | 164.63 |
| **Date completed:** | 9/10/2018 | **Plugged:** | N | **Signature:** | | | |
| **Core size:** | NQ | **Cemented:** | N | | | | |
| **Hole type:** | DDH | **Branch:** | N | | | | |
| **Casing:** | Left in Hole, capped | **Reserve:** | | | | | |
| **Logging status:** | Geological Logging | | | | | | |
| **Rig number:** | 0105 | | | | | | |

**Additional sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Planned hole UCP18-049 (pit-16)Aligner used to spot hole. THis hole is designed to test the eastern extension of the Northland zone
Hole was mineralized from start of hole to 87m. 0.5-10% disseminated pyrite and some chalcopyite usually seen in quartz/dolimate stringer). Lithology was dominately altered porphyrtic syenite.
Porphrtic syenite and syentie to 158m, Mafic lapilli tuffs and syentites to 179m, conglomerate+mafic trachyte to 192m, trachyte to EOH 261
Zones
6-80m disseminated sulphide
80-87m strongly altered brittle deformation, crackle breccia
138.35-139.85m Weakly mineralized silica flooding
148.8-154.5m, stronglyl altered brittle deformation, crackle breccia
158-169.5, stongly altered brittle deformation, cracle breccia
185.2-188.8, mineralized altered autobreccia
195.35-196, cherty looking unit- silica flooding

**Assay average**

| Average type | From | To | Length | Width | Zone | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Pb_ppm | Ni_ppm | As_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WEIGHTED | 100.5 | 129.5 | 29.0 | | | 1.083 | | | | | | |
| WEIGHTED | 106.5 | 126.9 | 20.4 | | | 1.304 | | | | | | |
| WEIGHTED | 118.5 | 126.0 | 7.5 | | | 2.387 | | | | | | |
| WEIGHTED | 195.4 | 196.0 | 0.7 | | | 9.340 | | | | | | |

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments | Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|

## Hole number: KLUC18-506

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 164.63 | -45.24 | S | O | |
| 45.0 | 167.03 | -46.18 | DS | O | 54674 |
| 105.0 | 168.06 | -46.00 | DS | O | 54712 |
| 165.0 | 167.40 | -45.56 | DS | O | 55580 |
| 225.0 | 166.79 | -45.23 | DS | O | 55810 |
| 15.0 | 166.71 | -46.21 | DS | O | 55293 |
| 75.0 | 169.03 | -46.12 | DS | O | 54845 |
| 135.0 | 165.36 | -45.83 | DS | O | 55015 |
| 195.0 | 169.43 | -45.39 | DS | O | 54436 |
| 261.0 | 168.15 | -45.00 | DS | O | 55419 |

| Certificate |
|---|
| TM18248958 |
| TM18248974 |
| TM18253764 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505D18-008 | Excaon1 | CAOND113006 - CAOND113081<br>CAOND113792 - CAOND114000<br>CAOND114501 - CAOND114563<br>CAOND115001 - CAOND115085<br>CAOND115165 - CAOND115195 |
| CXE5505D18-010 | Excaon1 | CAOND113082 - CAOND113312<br>CAOND113422 - CAOND113430<br>CAOND114564 - CAOND114743<br>CAOND115196 - CAOND115291<br>KLUC18-506_001 |
| CXE5505D18WRA-002 | Excaon2-WRA | CAOND113031<br>CAOND113047<br>CAOND115010<br>CAOND115193 |
| CXE5505D19-050 | Excaon1 | CAOND113049<br>CAOND113091<br>CAOND113123<br>CAOND113154<br>CAOND113162<br>CAOND113177<br>CAOND113224<br>CAOND113243<br>CAOND113262<br>CAOND113282<br>CAOND113289<br>CAOND113308<br>CAOND113327<br>CAOND113357<br>CAOND113393<br>CAOND113410<br>CAOND113426 |

| Sample number | Standard |
|---|---|
| CAOND113015 | CDN-CM-24-AEM |
| CAOND113020 | BLANK-DB |
| CAOND113030 | CDN-GS-5U-AEM |
| CAOND113045 | CDN-CM-28-AEM |
| CAOND113060 | CDN-CM-24-AEM |
| CAOND113070 | BLANK-DB |
| CAOND113075 | CDN-GS-5U-AEM |
| CAOND113090 | CDN-CM-28-AEM |
| CAOND113115 | CDN-CM-24-AEM |
| CAOND113120 | BLANK-DB |
| CAOND113130 | CDN-GS-5U-AEM |
| CAOND113145 | CDN-CM-28-AEM |
| CAOND113160 | CDN-CM-24-AEM |
| CAOND113170 | BLANK-DB |
| CAOND113175 | CDN-GS-5U-AEM |
| CAOND113190 | CDN-CM-28-AEM |
| CAOND113215 | CDN-CM-24-AEM |
| CAOND113220 | BLANK-DB |

**Hole number:** KLUC18-506

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND113444 - CAOND113445 |
| | | CAOND113461 |
| | | CAOND113488 |
| | | CAOND113498 |
| | | CAOND113505 |
| | | CAOND113512 |
| | | CAOND113528 |
| | | CAOND113540 |
| | | CAOND113557 |
| | | CAOND113572 |
| | | CAOND113605 - CAOND113606 |
| | | CAOND113641 |
| | | CAOND113796 |
| | | CAOND113816 |
| | | CAOND113821 |
| | | CAOND113828 |
| | | CAOND113831 |
| | | CAOND113836 |
| | | CAOND113855 |
| | | CAOND113894 |
| | | CAOND113942 |
| | | CAOND113964 |
| | | CAOND113974 |
| | | CAOND113978 |
| | | CAOND114017 |
| | | CAOND114032 |
| | | CAOND114049 |
| | | CAOND114077 |
| | | CAOND114145 |
| | | CAOND114152 |
| | | CAOND114154 |
| | | CAOND114517 |
| | | CAOND114524 |
| | | CAOND114534 |
| | | CAOND114553 |
| | | CAOND114589 |
| | | CAOND114606 |
| | | CAOND114608 |
| | | CAOND114635 |
| | | CAOND114658 - CAOND114659 |
| | | CAOND114683 |
| | | CAOND114701 |
| | | CAOND114708 |

**Hole number:** KLUC18-506

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND114719 - CAOND114720 |
| | | CAOND114740 |
| | | CAOND114753 |
| | | CAOND114774 |
| | | CAOND114803 |
| | | CAOND114823 |
| | | CAOND114852 |
| | | CAOND114855 |
| | | CAOND114859 |
| | | CAOND114896 |
| | | CAOND114908 |
| | | CAOND114911 |
| | | CAOND114914 |
| | | CAOND114926 |
| | | CAOND115001 |
| | | CAOND115013 |
| | | CAOND115019 |
| | | CAOND115040 |
| | | CAOND115062 |
| | | CAOND115072 - CAOND115073 |
| | | CAOND115077 |
| | | CAOND115212 |
| | | CAOND115272 - CAOND115273 |
| | | CAOND115316 |
| | | CAOND115322 |
| | | CAOND115370 - CAOND115371 |
| | | CAOND115411 |
| | | CAOND115418 |
| | | CAOND115442 |
| | | CAOND115472 |
| | | CAOND115497 |
| | | CAOND115509 - CAOND115510 |
| | | CAOND115512 |
| | | CAOND115531 |
| | | CAOND115542 |
| | | CAOND115546 |
| | | CAOND115562 |
| | | CAOND115591 |
| | | CAOND115595 - CAOND115596 |
| | | CAOND115607 - CAOND115609 |
| | | CAOND115611 |
| | | CAOND115620 |
| | | CAOND115640 |

**Hole number:** KLUC18-506

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND115655 |
| | | CAOND115659 |
| | | CAOND115718 |
| | | CAOND115732 - CAOND115733 |
| | | CAOND115740 |
| | | CAOND115748 |
| | | CAOND115769 |
| | | CAOND115778 |
| | | CAOND115785 |
| | | CAOND115812 |
| | | CAOND115827 |
| | | CAOND115905 |
| | | CAOND115911 |

*The sample list may content samples from other holes

**Major:** **From:** 0.00 **To:** 3.00 OVB, Overburden

**Major:** **From:** 3.00 **To:** 21.70 I2Dp, Porphyritic Syenite

weakly mineralized Potassic altered porphyrtic syenite - Fine grained brick red matrix with clear quartz eyes and white laths of feldspar. rounded quartz eyes in general are <0.3cm wide and feldar laths are up to 0.5 cm wide. Unit is stronlgy magnetic and contians no calcite. Array of hairline seams of chlorite form at 30 degrees, thin Dolomite/quartz stringers from at 30 degrees in opposition direction of chlorite (xcutting structures). Sulphides from in fractures as clotts up to 1cm wide average 0.5cm wide and as disseminated sulphide. Top 30cm of core is gosson, one low angle fracture also contians gossan.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

3.00, 21.70, PYR, BBY, .30, -, FGR, Clotts/blebs up to 1cm. average is 0.5, fracture controlled and disseminated mineralizaiton also noted

10.95, 11.05, PYR, FRF, 5.00, -, -, semi-massive discontinous stringers of pyrite thoguth to form in fractures.

11.05, 21.70, PYR, DIS, .50, -, MGR, Dissemined through out unit.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

3.00, 3.35, GTH+, PEN, STRONG, RED2_BASIC, -, -, -

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

3.00, 21.70, FRA, WEAK, 30.00, -, -, -, chlorite+/-quatrz seams from which are crosscut buy quartz stringers

10.30, 11.05, FRA, WEAK, 20.00, -, -, -, low angle fracture with gossan

11.75, 12.00, FRA, MOD, 70.00, -, -, -, Crackle breccia infilled with quartz and dolomite

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113006 | 3.0 | 4.0 | 1.0 | 0.326 | | | | |
| CAOND113007 | 4.0 | 5.5 | 1.5 | 0.201 | | | | |
| CAOND113008 | 5.5 | 7.0 | 1.5 | 0.158 | | | | |
| CAOND113009 | 7.0 | 8.5 | 1.5 | 0.116 | | | | |
| CAOND113010 | 8.5 | 9.5 | 1.0 | 0.152 | | | | |
| CAOND113011 | 9.5 | 10.3 | 0.8 | 0.147 | | | | |
| CAOND113012 | 10.3 | 11.1 | 0.8 | 0.219 | | | | |
| CAOND113013 | 11.1 | 12.0 | 1.0 | 0.160 | | | | |
| CAOND113014 | 12.0 | 13.5 | 1.5 | 0.148 | | | | |
| CAOND113016 | 13.5 | 15.0 | 1.5 | 0.153 | | | | |
| CAOND113017 | 15.0 | 16.5 | 1.5 | 0.193 | | | | |
| CAOND113018 | 16.5 | 18.0 | 1.5 | 0.119 | | | | |
| CAOND113019 | 18.0 | 19.5 | 1.5 | 0.193 | | | | |
| CAOND113021 | 19.5 | 21.0 | 1.5 | 0.250 | | | | |
| CAOND113022 | 21.0 | 21.7 | 0.7 | 0.144 | | | | |

**Hole number:** KLUC18-506

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
3.00, 21.70, DOL, 1.00, 60.00, -, -, -, GRY_00025, .30, MAS, -, -, Array of Dolomite dominate + Quartz stringers which form at two angles 30 and 60 degrees. These stringer are cross cutting
6.20, 6.50, QTZ, 1.00, 20.00, -, -, -, GRY_00025, 1.00, MAS, -, -, bullish looking quartz vein, thicker then most of the other veins. Looks dry

**Major:** **From:** 21.70 **To:** 26.20 VN, Veine

Mineralized Potassic altered porphyrtic syenite with array of dolomite/quartz stringers- Fine grained brick red matrix with clear quartz eyes and white laths of feldspar. rounded quartz eyes in general are <0.3cm wide and feldar laths are up to 0.5 cm wide. Quartz eyes are dominate in this unit. Unit is stronlgy magnetic and contians no calcite. Minimal chlorite seams. Two sets of stringers which from at two steep core angle and lower core angles. 1 set of Stringers are 0.1 to 0.5 cm wide roughly parallel at 40 - 60 degees, 2nd set stringers are thin and from at 20 degrees, are often seen to be offset by wider stringers. Sulphides from in fractures as clotts up to 1cm wide average 0.5cm wide and as disseminated sulphide total sulphide is 0.5% pyrite.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
21.70, 26.20, PYR, DIS, .50, -, MGR, Dissemined through out unit.

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
21.70, 26.20, DOL, 5.00, 60.00, -, -, -, GRY_00025, .30, MAS, -, -, Array of Dolomite dominate + Quartz stringers which form at two angles 30 and 60 degrees. These stringer are cross cutting

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113023 | 21.7 | 23.2 | 1.5 | 0.106 | | | | |
| CAOND113024 | 23.2 | 24.7 | 1.5 | 0.173 | | | | |
| CAOND113026 | 24.7 | 26.2 | 1.5 | 0.220 | | | | |

**Major:** **From:** 26.20 **To:** 80.00 I2Dp, Porphyritic Syenite

Mineralized Potassic altered porphyrtic syenite - Fine grained brick red matrix with clear quartz eyes and white laths of feldspar. rounded quartz eyes in general are <0.3cm wide and feldar laths are up to 0.5 cm wide. Unit is stronlgy magnetic and contians no calcite. Minimal chlorite seams. Some quartz/dolomite stringers but less dominate then above unit. Segments of the porphyry are sericite altered (purple gray colour), these unit tends to have minimal to no stringers. Two sets of stringers which from at two steep core angle and lower core angles. 1 set of Stringers are 0.1 to 0.5 cm wide roughly parallel at 40 - 60 degees, 2nd set stringers are thin and from at 20 degrees, are often seen to be offset by wider stringers. Sulphides from in fractures as clotts up to 1cm wide average 0.5cm wide and as disseminated sulphide total sulphide is 0.5% pyrite. weakly to non magnetic from 42-57m

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
26.20, 70.00, PYR, DIS, .50, -, MGR, Dissemined through out unit.
70.00, 80.00, PYR, DIS, .10, -, FGR, Fine grained disseminated sulphide and minor sporadic ragged blebs of pyrite odd speck of chlacopyrite

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113027 | 26.2 | 27.5 | 1.3 | 0.157 | | | | |
| CAOND113028 | 27.5 | 28.8 | 1.3 | 0.146 | | | | |
| CAOND113029 | 28.8 | 30.2 | 1.5 | 0.412 | | | | |
| CAOND113031 | 30.2 | 31.7 | 1.5 | 0.246 | 0.250 | 18 | 30 | |
| CAOND113032 | 31.7 | 32.7 | 1.0 | 0.533 | | | | |
| CAOND113033 | 32.7 | 33.8 | 1.0 | 0.137 | | | | |
| CAOND113034 | 33.8 | 35.0 | 1.3 | 0.148 | | | | |
| CAOND113035 | 35.0 | 36.3 | 1.3 | 0.310 | | | | |
| CAOND113036 | 36.3 | 38.0 | 1.8 | 0.436 | | | | |
| CAOND113037 | 38.0 | 39.5 | 1.5 | 0.544 | | | | |

**Hole number:** KLUC18-506

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
26.20, 33.75, SER+, PEN, WEAK, PRP2_BASIC, FGR, -, purplish gray colour. no quartz stingers noted in this segment - still contians sulphide
66.50, 70.00, SER+, PEN, WEAK, PRP2_BASIC, FGR, -, purplish gray colour. no quartz stingers noted in this segment - still contians sulphide

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
79.00, 80.00, FRS, WEAK, 30.00, -, -, -, randomly oriented hairline fractures infilled with chlorite

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
33.75, 66.60, DOL, 1.00, 60.00, -, -, -, GRY_00025, .30, MAS, -, -, More quartz seen in these stringers then previous unit. Array of Quartz + dolomite stringers which form at 30 and 60 degrees, crosscutting relationship
60.50, 60.75, QTZ, 20.00, 20.00, -, -, -, GRY_00025, 1.00, DFM, PYR, .30, Wavy irregular vein which is dismembered in places. low angle. Possibly runs

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113038 | 39.5 | 41.0 | 1.5 | 0.302 | | | | |
| CAOND113039 | 41.0 | 42.0 | 1.0 | 0.187 | | | | |
| CAOND113040 | 42.0 | 43.5 | 1.5 | 0.291 | | | | |
| CAOND113041 | 43.5 | 45.0 | 1.5 | 0.205 | | | | |
| CAOND113042 | 45.0 | 46.5 | 1.5 | 0.963 | | | | |
| CAOND113043 | 46.5 | 48.0 | 1.5 | 0.165 | | | | |
| CAOND113044 | 48.0 | 49.5 | 1.5 | 0.210 | | | | |
| CAOND113046 | 49.5 | 51.0 | 1.5 | 0.140 | | | | |
| CAOND113047 | 51.0 | 52.5 | 1.5 | 0.161 | 0.250 | 8 | 21 | |
| CAOND113048 | 52.5 | 54.0 | 1.5 | 0.280 | | | | |
| CAOND113049 | 54.0 | 55.5 | 1.5 | 0.152 | | | | |
| CAOND113051 | 55.5 | 57.0 | 1.5 | 0.386 | | | | |
| CAOND113052 | 57.0 | 58.5 | 1.5 | 0.178 | | | | |
| CAOND113053 | 58.5 | 60.0 | 1.5 | 0.122 | | | | |
| CAOND113054 | 60.0 | 61.5 | 1.5 | 0.266 | | | | |
| CAOND113055 | 61.5 | 63.0 | 1.5 | 0.136 | | | | |
| CAOND113056 | 63.0 | 64.5 | 1.5 | 0.203 | | | | |
| CAOND113057 | 64.5 | 66.0 | 1.5 | 0.128 | | | | |
| CAOND113058 | 66.0 | 67.5 | 1.5 | 0.260 | | | | |
| CAOND113059 | 67.5 | 69.0 | 1.5 | 0.155 | | | | |
| CAOND113061 | 69.0 | 70.5 | 1.5 | 0.094 | | | | |
| CAOND113062 | 70.5 | 72.0 | 1.5 | 0.112 | | | | |
| CAOND113063 | 72.0 | 73.5 | 1.5 | 0.573 | | | | |
| CAOND113064 | 73.5 | 75.0 | 1.5 | 0.142 | | | | |
| CAOND113065 | 75.0 | 76.5 | 1.5 | 0.116 | | | | |
| CAOND113066 | 76.5 | 78.0 | 1.5 | 0.130 | | | | |
| CAOND113067 | 78.0 | 79.0 | 1.0 | 0.108 | | | | |
| CAOND113068 | 79.0 | 80.0 | 1.0 | 0.322 | | | | |

**Major:** **From:** 80.00 **To:** 87.00 I2DAltBx, Syenite Alteration Breccia

Stronlgy altered Porphyritic syenite brecciated in places Light gray beige unit, non magnetic, weak calcite, silicified, no observed original textures. Pyrite and chalcopyrite observed as disseminated, blebby and fracture controlled. Ragged stringers of pyrite. Breccia at upper contact is angular and clast supported from 80-80.7m. Sharp lower contact at 30degrees.

**MINERALIZATION**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113069 | 80.0 | 81.5 | 1.5 | 0.168 | | | | |
| CAOND113071 | 81.5 | 83.0 | 1.5 | 1.215 | | | | |
| CAOND113072 | 83.0 | 84.5 | 1.5 | 0.517 | | | | |
| CAOND113073 | 84.5 | 86.0 | 1.5 | 0.172 | | | | |

**Hole number:** KLUC18-506

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
80.00, 82.50, PYR, DIS, .10, -, FGR, Fine grained disseminated sulphide and minor sporadic ragged blebs of pyrite odd speck of chlacopyrite
82.50, 83.70, PYR, BBY, .50, -, MGR, Ragged blebs od sulhpide

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
80.00, 84.00, SIC+, PEN, STRONG, GRY2_BASIC, FGR, -, LIght gray hard, textures distroyed
84.00, 85.90, SIC+, PEN, MOD, PNK2_BASIC, FGR, -, light pink hard, can still make out some original textures.

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
80.00, 82.00, FRS, WEAK, 30.00, -, -, -, randomly oriented hairline fractures infilled with chlorite

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113074 | 86.0 | 87.0 | 1.0 | 0.140 | | | | |

**Major:** **From:** 87.00 **To:** 126.85 I2Dp, Porphyritic Syenite

weakly mineralized Potassic altered porphyrtic syenite - Fine grained brick red matrix with clear quartz eyes and white laths of feldspar. rounded quartz eyes in general are <0.3cm wide and feldar laths are up to 0.5 cm wide. quartz eyes are dominate. Unit is stronlgy magnetic and contians no calcite. Porphyrtic texture is overprinted by alteration (strong potassic alt). Random sporadic thin dolomite/quartz stringers from at 30 degrees. pyrite and chalcopyrite are seen with in unit as clostts and with in stringers. total sulphide in trace amounts up to 0.3%. Upper contact is aphantic and shows wide scale block faulting (90.80 to 91.30). Lower contact is also sharp at 30 degees, From 121 to 126.85m possible brittle fault zone consisting of breccia, rubbly core adn increased chlorite fractures.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
104.00, 104.01, CPY, BBY, .10, -, MGR, blebs in 0.3cm wide stringer

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
89.00, 91.00, SIC+, PEN, MOD, PNK2_BASIC, FGR, -, ligh pink can still make out texture
121.40, 126.85, SIC+, PEN, WEAK, PNK2_BASIC, FGR, -, light salmon pink hard, can make out phenocrysts.

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
121.10, 121.40, BRC, WEAK, 30.00, -, -, -, autobreccia

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113076 | 87.0 | 88.5 | 1.5 | 0.193 | | | | |
| CAOND113077 | 88.5 | 90.0 | 1.5 | 0.405 | | | | |
| CAOND113078 | 90.0 | 91.5 | 1.5 | 0.401 | | | | |
| CAOND113079 | 91.5 | 93.0 | 1.5 | 0.490 | | | | |
| CAOND113081 | 93.0 | 94.5 | 1.5 | 0.122 | | | | |
| CAOND113082 | 94.5 | 96.0 | 1.5 | 0.738 | | | | |
| CAOND113083 | 96.0 | 97.5 | 1.5 | 0.240 | | | | |
| CAOND113084 | 97.5 | 99.0 | 1.5 | 0.165 | | | | |
| CAOND113085 | 99.0 | 100.5 | 1.5 | 0.347 | | | | |
| CAOND113086 | 100.5 | 102.0 | 1.5 | 0.740 | | | | |
| CAOND113087 | 102.0 | 103.5 | 1.5 | 0.666 | | | | |
| CAOND113088 | 103.5 | 105.0 | 1.5 | 0.385 | | | | |
| CAOND113089 | 105.0 | 106.5 | 1.5 | 0.436 | | | | |
| CAOND113091 | 106.5 | 108.0 | 1.5 | 0.527 | | | | |
| CAOND113092 | 108.0 | 109.5 | 1.5 | 0.592 | | | | |
| CAOND113093 | 109.5 | 111.0 | 1.5 | 0.376 | | | | |
| CAOND113094 | 111.0 | 112.5 | 1.5 | 1.370 | | | | |
| CAOND113095 | 112.5 | 114.0 | 1.5 | 0.585 | | | | |
| CAOND113096 | 114.0 | 115.5 | 1.5 | 0.880 | | | | |
| CAOND113097 | 115.5 | 117.0 | 1.5 | 0.553 | | | | |
| CAOND113098 | 117.0 | 118.5 | 1.5 | 0.510 | | | | |

**Hole number:** KLUC18-506

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113099 | 118.5 | 120.0 | 1.5 | 1.075 | | | | |
| CAOND113101 | 120.0 | 121.5 | 1.5 | 1.110 | | | | |
| CAOND113102 | 121.5 | 123.0 | 1.5 | 3.420 | | | | |
| CAOND113103 | 123.0 | 124.5 | 1.5 | 4.580 | | | | |
| CAOND113104 | 124.5 | 126.0 | 1.5 | 1.750 | | | | |
| CAOND113105 | 126.0 | 126.9 | 0.9 | 0.631 | | | | |

**Major:** **From:** 126.85 **To:** 130.50 I2D, Syénite

Altered Syenite Light gray alteration, unit is hard (silicifed), massive original textures are hard to make out. Very minor sulphides odd bleb. minor autobreccia fingers in unit

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

126.85, 130.50, SIC+, PEN, MOD, PNK2_BASIC, FGR, -, co

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113106 | 126.9 | 128.0 | 1.2 | 0.390 | | | | |
| CAOND113107 | 128.0 | 129.5 | 1.5 | 0.731 | | | | |
| CAOND113108 | 129.5 | 130.5 | 1.0 | 0.205 | | | | |

**Major:** **From:** 130.50 **To:** 131.50 Q, Quartz Veining

pod or clast of quartz in altered syenite. 5% quartz and the rest wallrock. Very fine grained dusting of pyrite. UPper contact of vein is 20 degrees downhole and lower contact is 30 degrees up hole

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

130.50, 131.50, SIC+, PEN, MOD, PNK2_BASIC, FGR, -, co

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

130.80, 131.10, QTZ, 70.00, -, -, -, -, GRY_00025, -, MAS, PYR, .50, very fine dusting of pyrite in wall rock

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113109 | 130.5 | 131.5 | 1.0 | 0.141 | | | | |

**Major:** **From:** 131.50 **To:** 132.00 CNR, Core Not Recovered

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

131.50, 132.00, SIC+, PEN, MOD, PNK2_BASIC, FGR, -, co

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| KLUC18-506_001 | 131.5 | 132.0 | 0.5 | | | | | |

**Major:** **From:** 132.00 **To:** 133.40 I2Dp, Porphyritic Syenite

Moderately mineralized sercite altered porphyrtic syenite - Fine grained pink matrix with clear quartz eyes and white laths of feldspar. rounded quartz eyes in general are <0.3cm wide and feldar laths are up to 0.5 cm wide. Unit is non magnetic and contians no calcite. Phenocyrsts are dominated adn coarse grained. Grades into matrix supported porphyry.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113110 | 132.0 | 133.4 | 1.4 | 0.327 | | | | |

**Hole number:** KLUC18-506

133.00, 133.40, CHL+, FRF, MOD, RED_00001, FGR, -, fracture controlled

**Major:** **From:** 133.40 **To:** 138.35 I2D, Syénite

weakly mineralized syenite - Light salmon pink, fine grained, strongly magnetic, choritic hairline randomly oriented fractures. Trace blebs of sulphide formed in chlorite seam. Minor stringers of dolmite and quartz.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

137.45, 137.75, PYR, DIS, 5.00, -, -, -

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

133.40, 136.00, CHL+, FRF, MOD, RED_00001, FGR, -, fracture controlled

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113111 | 133.4 | 134.5 | 1.1 | 0.196 | | | | |
| CAOND113112 | 134.5 | 136.0 | 1.5 | 0.349 | | | | |
| CAOND113113 | 136.0 | 137.5 | 1.4 | 0.269 | | | | |
| CAOND113114 | 137.5 | 138.4 | 0.9 | 0.905 | | | | |

**Major:** **From:** 138.35 **To:** 139.85 QV, Quartz Vein

Weakly mineralized Silica flooding - Silica flood int porphyrtic syentite, intensity of quartz veining varies from partial quartz veins to clots to interstial quart. from 139-139.5 intense quartz floodinig, 60% of unit is quartz. Over all quartz occupies 5% of unit. The unit is weakly mineralized with ragged blebs of pyrite and isolated blebs of chalcopyrite. Unit is non magnetic and does not contian calcite. Gradational contacts

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

138.35, 139.00, QTZ, 1.00, 70.00, -, -, -, GRY_00025, .30, INT, CPY, .01, odd ramdom bleb
139.00, 139.60, QTZ, 30.00, -, -, -, -, GRY_00025, -, INT, -, -, quartz flooding
139.60, 139.85, QTZ, 10.00, -, -, -, -, GRY_00025, -, INT, -, -, quartz flooding

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113116 | 138.4 | 139.9 | 1.5 | 0.779 | | | | |

**Major:** **From:** 139.85 **To:** 147.60 I3, Roches intrusives mafiques

Weakly mineralized Amphibolite + porphyry - Fine grained, green black, massive, non-magnetic, calcite forms in thin hairline fractures. Alternating amphbolite and porphyritic syentite. 60% amphibolite and 40% syenite. Segments are 1 to 1.5m long. Entire unit is weakly mineralized with trace amounts of disseminated pyrite. 147.1-148.6m 5% disseminated pyrite in amphibolite which is contact with quartz vein.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

147.10, 147.60, PYR, DIS, 5.00, -, FGR, Disseminated and ragged blebs in amphibolite

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113117 | 139.9 | 141.2 | 1.3 | 0.421 | | | | |
| CAOND113118 | 141.2 | 142.9 | 1.7 | 0.554 | | | | |
| CAOND113119 | 142.9 | 144.2 | 1.3 | 0.200 | | | | |
| CAOND113121 | 144.2 | 145.5 | 1.4 | 0.288 | | | | |
| CAOND113122 | 145.5 | 146.6 | 1.1 | 0.176 | | | | |
| CAOND113123 | 146.6 | 147.6 | 1.0 | 0.175 | | | | |

**Major:** **From:** 147.60 **To:** 148.80 QV, Quartz Vein

Mineralized silicification - light beige gray massive, non-magnetic, no calcite, alteration destroyed texture of the unit. Patches of amphibolite in unit with good pyrite mineralization ~3%. THere are minor quartz stringers but minimal. contacts are gradational based on degree of silicification.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113124 | 147.6 | 148.8 | 1.2 | 0.114 | | | | |

## Hole number: KLUC18-506

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

147.60, 148.60, PYR, DIS, 5.00, -, FGR, Disseminated and ragged blebs in amphibolite
148.20, 148.80, PYR, DIS, 3.00, -, FGR, very fine grained dusting

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

148.60, 148.80, SIC+, PEN, STRONG, GRY_00025, FGR, -, Destroy texture of rock
148.70, 148.80, CHL+, FRF, MOD, RED_00001, FGR, -, breccia appearance

**Major: From:** 148.80 **To:** 154.50 I2DAltBx, Syenite Alteration Breccia

Mineralized brecciated altered - unit is autobrecciated, froming 3cm fragments of syenite rimmed with chlorite. Fragment supported. Fragments are weakly aligned at 40. very fine graine disseminated sulphide up to 5% (this unit may run gold).

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

148.80, 151.00, SIC+, PEN, STRONG, GRY_00025, FGR, -, Destroy texture of rock
148.80, 154.00, CHL+, FRF, MOD, RED_00001, FGR, -, breccia appearance

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113126 | 148.8 | 150.2 | 1.4 | 0.355 | | | | |
| CAOND113127 | 150.2 | 151.7 | 1.5 | 0.641 | | | | |
| CAOND113128 | 151.7 | 153.0 | 1.3 | 0.470 | | | | |
| CAOND113129 | 153.0 | 154.5 | 1.5 | 0.446 | | | | |

**Major: From:** 154.50 **To:** 158.00 I2D, Syénite

Altered Syenite - Dark brick red, fine grained, massive, non magetic to weakly magnetic, strongly hematitized. Uniform looking, Several white, wormy irregular quartz veins with sharp contact with surrounding rock, some spks of chalcopyrite and pyrite. Quartz veins are not deformed.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113131 | 154.5 | 156.0 | 1.5 | 0.105 | | | | |
| CAOND113132 | 156.0 | 157.0 | 1.0 | 0.292 | | | | |
| CAOND113133 | 157.0 | 158.0 | 1.0 | 0.300 | | | | |

**Major: From:** 158.00 **To:** 169.50 I2DmAltBx, Mafic Syenite Alt BX

Mineralized alterered autobreccia dirty syenite - Purple gray, strongly magnetic, no calcite, wispy chlorite fractures giving rock a brecciated appearance. Fragments are aligned at 40 degrees, wispy pyrite also froms along this fabric. Good pyrite contact up to 5%. Pod of quartz noted at 62-62.05m which has a halo of pyrite giving a semi-massive appearance, 20% pyrite. Very strong hematite staining from 168-168.70m. Gradational contacts

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

162.00, 162.05, PYR, SMA, 20.00, -, MGR, Strong mineralization rimming quartz pod
162.05, 163.35, PYR, BBY, 2.00, -, MGR, Ragged blebs aligned along foliation
164.70, 164.95, PYR, DIS, 5.00, -, MGR, Wisps of disseminated pyrite form along foliation
167.00, 169.50, PYR, DIS, 2.00, -, MGR, cubic

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

158.30, 167.00, CHL+, FRF, MOD, RED_00001, FGR, -, breccia apperance
167.00, 169.50, CHL+, PAT, STRONG, RED_00001, FGR, -, complete distruction of original texture with pervasive chorite and hematite alteration.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113134 | 158.0 | 159.5 | 1.5 | 0.284 | | | | |
| CAOND113135 | 159.5 | 161.0 | 1.5 | 0.263 | | | | |
| CAOND113136 | 161.0 | 162.0 | 1.0 | 0.284 | | | | |
| CAOND113137 | 162.0 | 163.0 | 1.0 | 0.781 | | | | |
| CAOND113138 | 163.0 | 164.5 | 1.5 | 0.164 | | | | |
| CAOND113139 | 164.5 | 165.5 | 1.0 | 0.305 | | | | |
| CAOND113140 | 165.5 | 167.0 | 1.5 | 0.117 | | | | |
| CAOND113141 | 167.0 | 168.0 | 1.0 | 0.081 | | | | |
| CAOND113142 | 168.0 | 169.5 | 1.5 | 0.030 | | | | |

**Hole number:** KLUC18-506

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
168.30, 168.50, QTZ, 1.00, 30.00, -, -, -, GRY_00025, 1.00, MAS, -, -, bullish looking quartz vein

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
158.00, 169.50, MAG, DIS, -, RED_00001, FGR, Majority of this unit is strongly magnetic except for a few areas

**Major:** **From:** 169.50 **To:** 179.75 V8mtl, Trachyte mafic tuff lapilli

Mafic trachyte and mafic lapilli trachyte - Dark purple black, strongly magnetic, weak calcite, pink angular fragments and massive black flows. Contacts are gradational. minor odd spk of pyrite. In general non mineralized. Weak alignment of fragments at 50 degrees. Sharp lower contact with conglomerate

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
169.50, 179.75, PYR, DIS, 2.00, -, MGR, cubic

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
169.50, 179.75, MAG, DIS, -, RED_00001, FGR, Majority of this unit is strongly magnetic except for a few areas

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113143 | 169.5 | 171.0 | 1.5 | 0.017 | | | | |
| CAOND113144 | 171.0 | 172.5 | 1.5 | 0.017 | | | | |
| CAOND113146 | 172.5 | 174.0 | 1.5 | 0.035 | | | | |
| CAOND113147 | 174.0 | 175.5 | 1.5 | 0.044 | | | | |
| CAOND113148 | 175.5 | 177.0 | 1.5 | 0.015 | | | | |
| CAOND113149 | 177.0 | 178.5 | 1.5 | 0.074 | | | | |
| CAOND113151 | 178.5 | 179.8 | 1.3 | 0.052 | | | | |

**Major:** **From:** 179.75 **To:** 181.85 S1, CONGLOMÉRAT

weakly deformed Conglomerate - Rounded homogenous clasts ~1-3cm wide. Matrix is dark green chlorite fine grained. Strongly magnetic, no sulphides present. Sharp lower contact with syenite. Some clasts are aligned at 40 degrees.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
179.75, 181.85, PYR, DIS, 2.00, -, MGR, cubic

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
179.75, 181.85, MAG, DIS, -, RED_00001, FGR, Majority of this unit is strongly magnetic except for a few areas

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113152 | 179.8 | 180.9 | 1.1 | 0.081 | | | | |
| CAOND113153 | 180.9 | 181.9 | 1.0 | 0.021 | | | | |

**Major:** **From:** 181.85 **To:** 182.75 I2D, Syénite

Brecciated syenite - Fine grained, pink, masive to fragmented unit. non magnetic, no calicte, majority of the unit is an autobreccia (possilby a lapilli tuff???). NO sulphids noted. Sharp contacts, upper contact is wavy and irregular at about 80 degreees, lower contact is sharp at 80 degrees.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113154 | 181.9 | 182.8 | 0.9 | 0.020 | | | | |

**Hole number:** KLUC18-506

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
181.85, 182.75, PYR, DIS, 2.00, -, MGR, cubic

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
181.85, 182.75, MAG, DIS, -, RED_00001, FGR, Majority of this unit is strongly magnetic except for a few areas

**Major: From:** 182.75 **To:** 183.80 V8m, Trachyte mafic

Amphibolite - Dark green gray, massive, strongly magnetic, minor calcite. Sharp contacts at 80-90 degrees

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
182.75, 183.80, PYR, DIS, 2.00, -, MGR, cubic

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
182.75, 183.80, MAG, DIS, -, RED_00001, FGR, Majority of this unit is strongly magnetic except for a few areas

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113155 | 182.8 | 183.8 | 1.1 | 0.018 | | | | |

**Major: From:** 183.80 **To:** 185.20 S1, CONGLOMÉRAT

Conglomerate - Heterolitic clasts (syenitic, quartz, amphbolite), matrix is fine grained and chlorite rich. weak fabric at 60degrees. Unit is strongly magnetic and contians no calcite. Trace fine grained pyrite.Sharp contacts at 90m adn 20

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
183.80, 185.20, PYR, DIS, 2.00, -, MGR, cubic

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
183.80, 185.20, MAG, DIS, -, RED_00001, FGR, Majority of this unit is strongly magnetic except for a few areas

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113156 | 183.8 | 185.2 | 1.4 | 0.049 | | | | |

**Major: From:** 185.20 **To:** 188.80 I2DmAltBx, Mafic Syenite Alt BX

Mineralized altered auto brecciated mafic syenite (possibly V8Lt???) - Dark purple gray unit. variable texture, strong alteration bleaching unit in places. Dirty looking rock, strongly mineralized with up to 10% very fine grained disseminated suphide. Sharp lower contact at 80

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
185.20, 188.80, PYR, DIS, 2.00, -, MGR, cubic
186.80, 188.80, PYR, DIS, 8.00, -, VFG, dusting of pyrite up to 10%

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113157 | 185.2 | 186.0 | 0.8 | 0.040 | | | | |
| CAOND113158 | 186.0 | 186.8 | 0.8 | 0.159 | | | | |
| CAOND113159 | 186.8 | 187.9 | 1.1 | 0.821 | | | | |
| CAOND113161 | 187.9 | 188.8 | 0.9 | 0.714 | | | | |

**Hole number:** KLUC18-506

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
185.20, 188.80, BRC, WEAK, 30.00, -, -, -, auto breccia, thin hairline fractur infilled with chlorite.

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
185.20, 188.80, MAG, DIS, -, RED_00001, FGR, Majority of this unit is strongly magnetic except for a few areas

**Major:** **From:** 188.80 **To:** 192.70 S1, CONGLOMÉRAT

Conglomerate - Heterolitic clasts (syenitic, quartz, amphbolite), matrix is fine grained and chlorite rich. weak fabric at 60degrees. Unit is strongly magnetic and contians no calcite. Trace fine grained pyrite. sharp lower contact at 70

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
188.80, 192.70, PYR, DIS, 2.00, -, MGR, cubic

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
188.80, 192.70, MAG, DIS, -, RED_00001, FGR, Majority of this unit is strongly magnetic except for a few areas

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113162 | 188.8 | 190.0 | 1.2 | 0.071 | | | | |
| CAOND113163 | 190.0 | 191.5 | 1.5 | 0.067 | | | | |
| CAOND113164 | 191.5 | 192.7 | 1.2 | 0.399 | | | | |

**Major:** **From:** 192.70 **To:** 195.35 V8m, Trachyte mafic

Mafic trachyte - Dark gray fine grained, massive, strongly foliated , minor calcite, uniform lookng unit, Trace disseminated sulphide. sharp lower contact at 60 degrees.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
192.70, 195.35, PYR, DIS, 2.00, -, MGR, cubic

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
192.70, 195.35, MAG, DIS, -, RED_00001, FGR, Majority of this unit is strongly magnetic except for a few areas

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113165 | 192.7 | 194.0 | 1.3 | 0.114 | | | | |
| CAOND113166 | 194.0 | 195.4 | 1.4 | 0.099 | | | | |

**Major:** **From:** 195.35 **To:** 196.00 VN, Veine

Mineralized Quartz flooding- cherty looking quartz breccia with angular fragments of strongly mineralized V8. sharp contacts at 60 and 70

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
195.35, 196.00, PYR, DIS, 2.00, -, MGR, cubic

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113167 | 195.4 | 196.0 | 0.7 | 9.340 | | | | |

**Hole number:** KLUC18-506

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
195.35, 195.90, QTZ, 60.00, 70.00, -, -, -, GRY_00025, -, BHY, PYR, 3.00, Selective pyrite in framents. Cherty looking quartz veins are matrix

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
195.35, 196.00, MAG, DIS, -, RED_00001, FGR, Majority of this unit is strongly magnetic except for a few areas

**Major:** **From:** 196.00 **To:** 204.50 V8m, Trachyte mafic

Mafic trachyte - Dark gray fine grained, massive, strongly foliated , minor calcite, uniform lookng unit, Trace disseminated sulphide. sharp lower contact at 60 degrees.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
196.00, 204.50, PYR, DIS, 2.00, -, MGR, cubic

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
196.00, 204.50, MAG, DIS, -, RED_00001, FGR, Majority of this unit is strongly magnetic except for a few areas

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113168 | 196.0 | 197.5 | 1.5 | 0.021 | | | | |
| CAOND113169 | 197.5 | 199.0 | 1.5 | 0.011 | | | | |
| CAOND113171 | 199.0 | 200.5 | 1.5 | 0.009 | | | | |
| CAOND113172 | 200.5 | 202.0 | 1.5 | 0.021 | | | | |
| CAOND113173 | 202.0 | 203.5 | 1.5 | 0.024 | | | | |
| CAOND113174 | 203.5 | 204.5 | 1.0 | 0.018 | | | | |

**Major:** **From:** 204.50 **To:** 227.90 V8mtl, Trachyte mafic tuff lapilli

Mafic lapilli weakly sheared (S10- Fine grained black matrix which is strongly magnetic, light pink to white clasts with calcite and minor hematite. Varying degree of strain defined by lengthing of clasts and size of clasts. In general unit has a stripped appearance but you can still make out the individual clasts. Unit is strongly foliated at 60. Very fine grained dusting of pyrite with mafic minerals from trace to 5%, areas of stronger mineralization are seen in mineralization tab. unit is very homogenous. Gradational contacts 211.2-219.65m - in crea2-5% very fine grained disseminated sulphide. Some of sulphides appear to form dominately in specific clastts.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
204.50, 227.90, PYR, DIS, 2.00, -, MGR, cubic
211.20, 214.90, PYR, DIS, 5.00, -, VFG, dusting of sulphides
216.40, 217.45, PYR, DIS, 3.00, -, VFG, Sulphide replacement of certian clasts but not all clasts.
218.60, 219.50, PYR, DIS, 5.00, -, VFG, very fine grained dusting of sulphides
222.00, 224.20, PYR, DIS, 3.00, -, VFG, very fine grained dusting of sulphides.

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
204.50, 213.00, MAG, DIS, -, RED_00001, FGR, Majority of this unit is strongly magnetic except for a few areas

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113176 | 204.5 | 206.0 | 1.5 | 0.016 | | | | |
| CAOND113177 | 206.0 | 207.5 | 1.5 | 0.015 | | | | |
| CAOND113178 | 207.5 | 209.0 | 1.5 | 0.005 | | | | |
| CAOND113179 | 209.0 | 210.0 | 1.0 | 0.015 | | | | |
| CAOND113181 | 210.0 | 211.2 | 1.2 | 0.008 | | | | |
| CAOND113182 | 211.2 | 212.3 | 1.1 | 0.030 | | | | |
| CAOND113183 | 212.3 | 213.5 | 1.2 | 0.027 | | | | |
| CAOND113184 | 213.5 | 214.9 | 1.4 | 0.013 | | | | |
| CAOND113185 | 214.9 | 216.2 | 1.3 | 0.016 | | | | |
| CAOND113186 | 216.2 | 217.5 | 1.3 | 0.011 | | | | |
| CAOND113187 | 217.5 | 218.6 | 1.2 | 0.006 | | | | |
| CAOND113188 | 218.6 | 219.7 | 1.1 | 0.009 | | | | |
| CAOND113189 | 219.7 | 220.8 | 1.2 | 0.003 | | | | |
| CAOND113191 | 220.8 | 222.0 | 1.2 | 0.005 | | | | |

**Hole number:** KLUC18-506

222.00, 227.90, MAG, DIS, 5.00, RED_00001, VFG, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113192 | 222.0 | 223.0 | 1.0 | 0.020 | | | | |
| CAOND113193 | 223.0 | 224.2 | 1.2 | 0.017 | | | | |
| CAOND113194 | 224.2 | 225.4 | 1.2 | 0.010 | | | | |
| CAOND113195 | 225.4 | 226.6 | 1.3 | 0.007 | | | | |
| CAOND113196 | 226.6 | 227.9 | 1.3 | 0.009 | | | | |

**Major:** **From:** 227.90 **To:** 235.10 V8m, Trachyte mafic

Mafic trachyte - weakly sheared (S1 or S0) - Black, strongly foliated at 60degree, strongly magnetic, moderate calcite, odd sporadic lapilli fclast. Unit is uniform in appearnace and contians no sulphides to trace amounts of sulphides.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

227.90, 235.10, PYR, DIS, 2.00, -, MGR, cubic

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

227.90, 235.10, MAG, DIS, 5.00, RED_00001, VFG, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113197 | 227.9 | 229.0 | 1.1 | 0.016 | | | | |
| CAOND113198 | 229.0 | 230.5 | 1.5 | 0.010 | | | | |
| CAOND113199 | 230.5 | 232.0 | 1.5 | 0.010 | | | | |
| CAOND113201 | 232.0 | 232.8 | 0.8 | 0.011 | | | | |
| CAOND113202 | 232.8 | 233.6 | 0.8 | 0.017 | | | | |
| CAOND113203 | 233.6 | 235.1 | 1.5 | 0.008 | | | | |

**Major:** **From:** 235.10 **To:** 238.00 V8mtl, Trachyte mafic tuff lapilli

Mafic Trachyte Lapilli (S0-S1) - Fine grained black matrix with lonzenge shaped white lapilli clasts elongated along foliation. Foliated at 60 degrees, Strongly magnetic, calcite forms in clasts. Trace disseminated sulphides

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

235.10, 238.00, PYR, DIS, 2.00, -, MGR, cubic

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

235.10, 238.00, MAG, DIS, 5.00, RED_00001, VFG, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113204 | 235.1 | 236.5 | 1.4 | 0.006 | | | | |
| CAOND113205 | 236.5 | 238.0 | 1.5 | 0.009 | | | | |

**Major:** **From:** 238.00 **To:** 261.00 V8m, Trachyte mafic

Trachyte mafic (undeformed) - Massive black, fine grained massive unit, stronlgy magentic calcite formed in stringers, stringers are minor adn generally form at 30 degrees. 50 % disseminated magnetite.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

238.00, 261.00, PYR, DIS, 2.00, -, MGR, cubic

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113206 | 238.0 | 239.5 | 1.5 | 0.014 | | | | |
| CAOND113207 | 239.5 | 241.0 | 1.5 | 0.008 | | | | |
| CAOND113208 | 241.0 | 242.5 | 1.5 | 0.008 | | | | |
| CAOND113209 | 242.5 | 244.0 | 1.5 | 0.005 | | | | |
| CAOND113210 | 244.0 | 245.5 | 1.5 | 0.006 | | | | |
| CAOND113211 | 245.5 | 247.0 | 1.5 | 0.005 | | | | |
| CAOND113212 | 247.0 | 248.5 | 1.5 | 0.008 | | | | |

**Hole number:** KLUC18-506

238.00, 261.00, MAG, DIS, 50.00, RED_00001, FGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113213 | 248.5 | 250.0 | 1.5 | 0.016 | | | | |
| CAOND113214 | 250.0 | 251.5 | 1.5 | 0.005 | | | | |
| CAOND113216 | 251.5 | 253.0 | 1.5 | 0.003 | | | | |
| CAOND113217 | 253.0 | 254.5 | 1.5 | 0.003 | | | | |
| CAOND113218 | 254.5 | 256.0 | 1.5 | 0.006 | | | | |
| CAOND113219 | 256.0 | 257.5 | 1.5 | 0.007 | | | | |
| CAOND113221 | 257.5 | 259.0 | 1.5 | 0.006 | | | | |
| CAOND113222 | 259.0 | 260.0 | 1.0 | 0.007 | | | | |
| CAOND113223 | 260.0 | 261.0 | 1.0 | 0.007 | | | | |

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 3.0 | 6.0 | 63.00 | 100.00 | | | N | |
| 6.0 | 9.0 | 100.00 | 100.00 | | | N | |
| 9.0 | 12.0 | 92.00 | 100.00 | | | N | |
| 12.0 | 15.0 | 97.00 | 100.00 | | | N | |
| 15.0 | 18.0 | 97.00 | 100.00 | | | N | |
| 18.0 | 21.0 | 97.00 | 100.00 | | | N | |
| 21.0 | 24.0 | 85.00 | 100.00 | | | N | |
| 24.0 | 27.0 | 77.00 | 100.00 | | | N | |
| 27.0 | 30.0 | 93.00 | 100.00 | | | N | |
| 30.0 | 33.0 | 100.00 | 100.00 | | | N | |
| 33.0 | 36.0 | 100.00 | 100.00 | | | N | |
| 36.0 | 39.0 | 100.00 | 100.00 | | | N | |
| 39.0 | 42.0 | 100.00 | 100.00 | | | N | |
| 42.0 | 45.0 | 97.00 | 100.00 | | | N | |
| 45.0 | 48.0 | 97.00 | 100.00 | | | N | |
| 48.0 | 51.0 | 100.00 | 100.00 | | | N | |
| 51.0 | 54.0 | 100.00 | 100.00 | | | N | |
| 54.0 | 57.0 | 100.00 | 100.00 | | | N | |
| 57.0 | 60.0 | 98.00 | 100.00 | | | N | |

**Hole number:** KLUC18-506

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 60.0 | 63.0 | 98.00 | 100.00 | | | N | |
| 63.0 | 66.0 | 100.00 | 100.00 | | | N | |
| 66.0 | 69.0 | 100.00 | 100.00 | | | N | |
| 69.0 | 72.0 | 92.00 | 100.00 | | | N | |
| 72.0 | 75.0 | 98.00 | 100.00 | | | N | |
| 75.0 | 78.0 | 100.00 | 100.00 | | | N | |
| 78.0 | 81.0 | 100.00 | 100.00 | | | N | |
| 81.0 | 84.0 | 83.00 | 100.00 | | | N | |
| 84.0 | 87.0 | 93.00 | 100.00 | | | N | |
| 87.0 | 90.0 | 98.00 | 100.00 | | | N | |
| 90.0 | 93.0 | 100.00 | 100.00 | | | N | |
| 93.0 | 96.0 | 100.00 | 100.00 | | | N | |
| 96.0 | 99.0 | 98.00 | 100.00 | | | N | |
| 99.0 | 102.0 | 97.00 | 100.00 | | | N | |
| 102.0 | 105.0 | 98.00 | 100.00 | | | N | |
| 105.0 | 108.0 | 93.00 | 100.00 | | | N | |
| 108.0 | 111.0 | 93.00 | 100.00 | | | N | |
| 111.0 | 114.0 | 92.00 | 100.00 | | | N | |
| 114.0 | 117.0 | 98.00 | 100.00 | | | N | |
| 117.0 | 120.0 | 92.00 | 100.00 | | | N | |
| 120.0 | 123.0 | 87.00 | 100.00 | | | N | |
| 123.0 | 126.0 | 98.00 | 100.00 | | | N | |
| 126.0 | 129.0 | 97.00 | 100.00 | | | N | |
| 129.0 | 132.0 | 60.00 | 100.00 | | | N | |
| 132.0 | 135.0 | 88.00 | 100.00 | | | N | |
| 135.0 | 138.0 | 95.00 | 100.00 | | | N | |
| 138.0 | 141.0 | 87.00 | 100.00 | | | N | |
| 141.0 | 144.0 | 97.00 | 100.00 | | | N | |

**Hole number:** KLUC18-506

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 144.0 | 147.0 | 93.00 | 100.00 | | | N | |
| 147.0 | 150.0 | 98.00 | 100.00 | | | N | |
| 150.0 | 153.0 | 100.00 | 100.00 | | | N | |
| 153.0 | 156.0 | 93.00 | 100.00 | | | N | |
| 156.0 | 159.0 | 93.00 | 100.00 | | | N | |
| 159.0 | 162.0 | 97.00 | 100.00 | | | N | |
| 162.0 | 165.0 | 100.00 | 100.00 | | | N | |
| 165.0 | 168.0 | 93.00 | 100.00 | | | N | |
| 168.0 | 171.0 | 97.00 | 100.00 | | | N | |
| 171.0 | 174.0 | 100.00 | 100.00 | | | N | |
| 174.0 | 177.0 | 100.00 | 100.00 | | | N | |
| 177.0 | 180.0 | 98.00 | 100.00 | | | N | |
| 180.0 | 183.0 | 98.00 | 100.00 | | | N | |
| 183.0 | 186.0 | 100.00 | 100.00 | | | N | |
| 186.0 | 189.0 | 97.00 | 100.00 | | | N | |
| 189.0 | 192.0 | 100.00 | 100.00 | | | N | |
| 192.0 | 195.0 | 100.00 | 100.00 | | | N | |
| 195.0 | 198.0 | 100.00 | 100.00 | | | N | |
| 198.0 | 201.0 | 97.00 | 100.00 | | | N | |
| 201.0 | 204.0 | 100.00 | 100.00 | | | N | |
| 204.0 | 207.0 | 100.00 | 100.00 | | | N | |
| 207.0 | 210.0 | 87.00 | 100.00 | | | N | |
| 210.0 | 213.0 | 100.00 | 100.00 | | | N | |
| 213.0 | 216.0 | 95.00 | 100.00 | | | N | |
| 216.0 | 219.0 | 100.00 | 100.00 | | | N | |
| 219.0 | 222.0 | 93.00 | 100.00 | | | N | |
| 222.0 | 225.0 | 98.00 | 100.00 | | | N | |
| 225.0 | 228.0 | 98.00 | 100.00 | | | N | |

**Hole number:** KLUC18-506

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 228.0 | 231.0 | 98.00 | 100.00 | | | N | |
| 231.0 | 234.0 | 98.00 | 100.00 | | | N | |
| 234.0 | 237.0 | 100.00 | 100.00 | | | N | |
| 237.0 | 240.0 | 98.00 | 100.00 | | | N | |
| 240.0 | 243.0 | 97.00 | 100.00 | | | N | |
| 243.0 | 246.0 | 93.00 | 100.00 | | | N | |
| 246.0 | 249.0 | 98.00 | 100.00 | | | N | |
| 249.0 | 252.0 | 88.00 | 100.00 | | | N | |
| 252.0 | 255.0 | 90.00 | 100.00 | | | N | |
| 255.0 | 258.0 | 73.00 | 100.00 | | | N | |
| 258.0 | 261.0 | 90.00 | 100.00 | | | N | |

AGNICO EAGLE

# DRILL HOLE REPORT

EXPLORATION CANADA
ONTARIO

**Hole number:** KLUC18-507 **Project Number:** U_Canada **Project name:** Upper Canada

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Historic hole number:** | | **Collar survey:** | Y | **From:** | 0.0 | **Coordinates:** | P |
| **System:** | METRIC | **Verified:** | N | **To:** | 552.0 | **Grid:** | UTM83-17_CSRS-2010: |
| **Target:** | UC_UPPER_L_ZONE | **Gas:** | N | **Depth:** | 552.0 | **North:** | 5,332,719.11 |
| **No. Claim:** | PAT-18800 | **Multishot survey:** | Y | **Location:** | Surface | **East:** | 586,979.52 |
| **Year:** | 2 018 | **Is making water:** | N | **Core storage:** | Exploration Camp | **Elevation:** | 330.24 |
| **Date started:** | 2018-09-08 | **Object in hole:** | N | **Contractor:** | Asinii Drilling | **Collar dip:** | -62.62 |
| **Date logged:** | 2018-09-19 | **Pulse EM survey:** | N | **Logged by:** | Melanie Bouchard | **Collar azimuth:** | 165.22 |
| **Date completed:** | 2018-09-12 | **Plugged:** | N | **Signature:** | Mélanie Bouchard | | |
| **Core size:** | NQ | **Cemented:** | N | | | | |
| **Hole type:** | EXP | **Branch:** | N | | M.Oosterman | | |
| **Casing:** | Left in Hole, capped | **Reserve:** | N | | | | |
| **Logging status:** | Signed | | | | | | |
| **Rig number:** | 0102 | | | | | | |

**Additionnal sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Propsed hole: UCP18-029 (MSO-5), Drill Rig: 102, Stabilization: 2 hex core barrel and 18" shell, Targeting: MSO blocks between L zone and H zone.

333-438m; Intersected an interval of V8t with moderate to strong Se alteration and bleaching, strongly deformed with chaotic folding and crenulations.

## Assay average

| Average type | From | To | Length | Width | Zone | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Pb_ppm | Ni_ppm | As_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WEIGHTED | 21.0 | 331.5 | 310.5 | | | 0.081 | | | | | | |
| WEIGHTED | 300.0 | 301.5 | 1.5 | | | 1.925 | | | | | | |
| WEIGHTED | 334.5 | 336.0 | 1.5 | | | 1.350 | | | | | | |
| WEIGHTED | 347.5 | 349.0 | 1.5 | | | 1.035 | | | | | | |
| WEIGHTED | 398.5 | 401.8 | 3.3 | | | 0.971 | | | | | | |

## Survey data

| Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments | Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 166.03 | -63.87 | G | | North Seaker Gyro | 0.0 | 165.49 | -62.93 | NS | | Northseeking devi aligner |
| 0.0 | 164.40 | -62.62 | S | O | Surveyed collar | 10.0 | 165.59 | -61.52 | G | O | North Seaker Gyro |
| 20.0 | 165.87 | -62.23 | G | O | North Seaker Gyro | 30.0 | 164.89 | -61.99 | DS | | Mag.54861 |
| 30.0 | 165.66 | -62.14 | G | O | North Seaker Gyro | 40.0 | 165.69 | -62.11 | G | O | North Seaker Gyro |
| 50.0 | 165.76 | -61.99 | G | O | North Seaker Gyro | 60.0 | 164.94 | -61.76 | DS | | Mag.55088 |

## Hole number: KLUC18-507

**Survey data**

| Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 60.0 | 165.69 | -61.89 | G | O | North Seaker Gyro |
| 80.0 | 165.79 | -61.78 | G | O | North Seaker Gyro |
| 90.0 | 165.70 | -61.67 | G | O | North Seaker Gyro |
| 110.0 | 165.79 | -61.47 | G | O | North Seaker Gyro |
| 120.0 | 165.79 | -61.45 | G | O | North Seaker Gyro |
| 140.0 | 165.65 | -61.26 | G | O | North Seaker Gyro |
| 150.0 | 165.81 | -61.14 | G | O | North Seaker Gyro |
| 170.0 | 165.98 | -60.97 | G | O | North Seaker Gyro |
| 180.0 | 165.88 | -60.90 | G | O | North Seaker Gyro |
| 200.0 | 165.97 | -60.66 | G | O | North Seaker Gyro |
| 210.0 | 165.86 | -60.52 | G | O | North Seaker Gyro |
| 230.0 | 165.63 | -60.14 | G | O | North Seaker Gyro |
| 240.0 | 165.44 | -59.93 | G | O | North Seaker Gyro |
| 260.0 | 165.28 | -59.50 | G | O | North Seaker Gyro |
| 270.0 | 165.15 | -60.02 | G | O | North Seaker Gyro |
| 290.0 | 165.03 | -59.84 | G | O | North Seaker Gyro |
| 300.0 | 165.06 | -59.78 | G | O | North Seaker Gyro |
| 320.0 | 164.88 | -59.73 | G | O | North Seaker Gyro |
| 330.0 | 164.78 | -59.60 | G | O | North Seaker Gyro |
| 350.0 | 164.70 | -59.36 | G | O | North Seaker Gyro |
| 360.0 | 164.77 | -59.14 | G | O | North Seaker Gyro |
| 380.0 | 164.58 | -58.64 | G | O | North Seaker Gyro |
| 390.0 | 164.10 | -58.02 | G | O | North Seaker Gyro |
| 410.0 | 164.38 | -57.47 | G | O | North Seaker Gyro |
| 450.0 | 164.90 | -55.59 | DS | O | Mag.54615 |
| 510.0 | 165.52 | -54.35 | DS | O | Mag.54022 |

| Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 70.0 | 165.75 | -61.84 | G | O | North Seaker Gyro |
| 90.0 | 168.25 | -61.49 | DS | | Mag.54391 |
| 100.0 | 165.67 | -61.58 | G | O | North Seaker Gyro |
| 120.0 | 166.20 | -61.02 | DS | | Mag.54596 |
| 130.0 | 165.78 | -61.27 | G | O | North Seaker Gyro |
| 150.0 | 166.97 | -60.75 | DS | | Mag.55218 |
| 160.0 | 165.86 | -61.08 | G | O | North Seaker Gyro |
| 180.0 | 167.89 | -60.39 | DS | | Mag.55008 |
| 190.0 | 165.96 | -60.74 | G | O | North Seaker Gyro |
| 210.0 | 168.75 | -60.01 | DS | | Mag.55216 |
| 220.0 | 165.71 | -60.38 | G | O | North Seaker Gyro |
| 240.0 | 165.69 | -59.39 | DS | | Mag.53799 |
| 250.0 | 165.43 | -59.75 | G | O | North Seaker Gyro |
| 270.0 | 165.96 | -58.80 | DS | | Mag.54858 |
| 280.0 | 165.17 | -59.91 | G | O | North Seaker Gyro |
| 300.0 | 163.90 | -58.57 | DS | | Mag.54081 |
| 310.0 | 165.07 | -59.78 | G | O | North Seaker Gyro |
| 330.0 | 164.44 | -58.33 | DS | | Mag.54335 |
| 340.0 | 164.54 | -59.48 | G | O | North Seaker Gyro |
| 360.0 | 164.36 | -57.98 | DS | | Mag.54054 |
| 370.0 | 164.89 | -58.96 | G | O | North Seaker Gyro |
| 390.0 | 163.89 | -56.83 | DS | | Mag.53643 |
| 400.0 | 163.99 | -57.72 | G | O | North Seaker Gyro |
| 420.0 | 164.90 | -56.01 | DS | O | Mag.54085 |
| 480.0 | 164.50 | -55.03 | DS | O | Mag.54807 |
| 540.0 | 164.88 | -53.43 | DS | O | Mag.55404 |

| Certificate |
|---|
| A19-812 |
| A19-813 |
| TM18240270 |
| TM18240277 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505D18-007 | Excaon1 | CAOND111372 - CAOND111500<br>CAOND112666 - CAOND112669<br>CAOND112671 - CAOND113005<br>CAOND113501 - CAOND113791 |
| CXE5505D19-050 | Excaon1 | CAOND113049 |

| Sample number | Standard |
|---|---|
| CAOND112715 | CDN-CM-24-AEM |
| CAOND112720 | BLANK-DB |
| CAOND112730 | CDN-GS-5U-AEM |
| CAOND112745 | CDN-CM-28-AEM |

**Hole number:** KLUC18-507

| Certificate |
|---|
| TM18240281 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND113091 |
| | | CAOND113123 |
| | | CAOND113154 |
| | | CAOND113162 |
| | | CAOND113177 |
| | | CAOND113224 |
| | | CAOND113243 |
| | | CAOND113262 |
| | | CAOND113282 |
| | | CAOND113289 |
| | | CAOND113308 |
| | | CAOND113327 |
| | | CAOND113357 |
| | | CAOND113393 |
| | | CAOND113410 |
| | | CAOND113426 |
| | | CAOND113444 - CAOND113445 |
| | | CAOND113461 |
| | | CAOND113488 |
| | | CAOND113498 |
| | | CAOND113505 |
| | | CAOND113512 |
| | | CAOND113528 |
| | | CAOND113540 |
| | | CAOND113557 |
| | | CAOND113572 |
| | | CAOND113605 - CAOND113606 |
| | | CAOND113641 |
| | | CAOND113796 |
| | | CAOND113816 |
| | | CAOND113821 |
| | | CAOND113828 |
| | | CAOND113831 |
| | | CAOND113836 |
| | | CAOND113855 |
| | | CAOND113894 |
| | | CAOND113942 |
| | | CAOND113964 |
| | | CAOND113974 |
| | | CAOND113978 |
| | | CAOND114017 |
| | | CAOND114032 |
| | | CAOND114049 |

| Sample number | Standard |
|---|---|
| CAOND112760 | CDN-CM-24-AEM |
| CAOND112770 | BLANK-DB |
| CAOND112775 | CDN-GS-5U-AEM |
| CAOND112790 | CDN-CM-28-AEM |
| CAOND112815 | CDN-CM-24-AEM |
| CAOND112820 | BLANK-DB |
| CAOND112830 | CDN-GS-5U-AEM |
| CAOND112845 | CDN-CM-28-AEM |
| CAOND112860 | CDN-CM-24-AEM |
| CAOND112870 | BLANK-DB |
| CAOND112875 | CDN-GS-5U-AEM |
| CAOND112890 | CDN-CM-28-AEM |
| CAOND112915 | CDN-CM-24-AEM |
| CAOND112920 | BLANK-DB |
| CAOND112930 | CDN-GS-5U-AEM |
| CAOND112945 | CDN-CM-28-AEM |
| CAOND112960 | CDN-CM-24-AEM |
| CAOND112970 | BLANK-DB |
| CAOND112975 | CDN-GS-5U-AEM |
| CAOND112990 | CDN-CM-28-AEM |
| CAOND113515 | CDN-CM-24-AEM |
| CAOND113520 | BLANK-DB |
| CAOND113530 | CDN-GS-5U-AEM |
| CAOND113545 | CDN-CM-28-AEM |
| CAOND113560 | CDN-CM-24-AEM |
| CAOND113570 | BLANK-DB |
| CAOND113575 | CDN-GS-5U-AEM |
| CAOND113590 | CDN-CM-28-AEM |
| CAOND113615 | CDN-CM-24-AEM |
| CAOND113620 | BLANK-DB |

**Hole number:** KLUC18-507

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND114077 |
| | | CAOND114145 |
| | | CAOND114152 |
| | | CAOND114154 |
| | | CAOND114517 |
| | | CAOND114524 |
| | | CAOND114534 |
| | | CAOND114553 |
| | | CAOND114589 |
| | | CAOND114606 |
| | | CAOND114608 |
| | | CAOND114635 |
| | | CAOND114658 - CAOND114659 |
| | | CAOND114683 |
| | | CAOND114701 |
| | | CAOND114708 |
| | | CAOND114719 - CAOND114720 |
| | | CAOND114740 |
| | | CAOND114753 |
| | | CAOND114774 |
| | | CAOND114803 |
| | | CAOND114823 |
| | | CAOND114852 |
| | | CAOND114855 |
| | | CAOND114859 |
| | | CAOND114896 |
| | | CAOND114908 |
| | | CAOND114911 |
| | | CAOND114914 |
| | | CAOND114926 |
| | | CAOND115001 |
| | | CAOND115013 |
| | | CAOND115019 |
| | | CAOND115040 |
| | | CAOND115062 |
| | | CAOND115072 - CAOND115073 |
| | | CAOND115077 |
| | | CAOND115212 |
| | | CAOND115272 - CAOND115273 |
| | | CAOND115316 |
| | | CAOND115322 |
| | | CAOND115370 - CAOND115371 |
| | | CAOND115411 |

**Hole number:** KLUC18-507

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND115418<br>CAOND115442<br>CAOND115472<br>CAOND115497<br>CAOND115509 - CAOND115510<br>CAOND115512<br>CAOND115531<br>CAOND115542<br>CAOND115546<br>CAOND115562<br>CAOND115591<br>CAOND115595 - CAOND115596<br>CAOND115607 - CAOND115609<br>CAOND115611<br>CAOND115620<br>CAOND115640<br>CAOND115655<br>CAOND115659<br>CAOND115718<br>CAOND115732 - CAOND115733<br>CAOND115740<br>CAOND115748<br>CAOND115769<br>CAOND115778<br>CAOND115785<br>CAOND115812<br>CAOND115827<br>CAOND115905<br>CAOND115911 |
| CXE5505R19-025 | Excaon1 | CAOND109014<br>CAOND109018<br>CAOND109034<br>CAOND109038<br>CAOND109053<br>CAOND109056<br>CAOND109067<br>CAOND109072<br>CAOND109211<br>CAOND109287<br>CAOND109291<br>CAOND109294<br>CAOND109296<br>CAOND109318 |

**Hole number:** KLUC18-507

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND109357 |
| | | CAOND109369 |
| | | CAOND109435 |
| | | CAOND109438 |
| | | CAOND109495 |
| | | CAOND109503 |
| | | CAOND109528 |
| | | CAOND109535 |
| | | CAOND109557 |
| | | CAOND109564 |
| | | CAOND109674 |
| | | CAOND109677 |
| | | CAOND109689 |
| | | CAOND109691 |
| | | CAOND109704 |
| | | CAOND109710 |
| | | CAOND109729 |
| | | CAOND109751 |
| | | CAOND109757 |
| | | CAOND109764 |
| | | CAOND109781 |
| | | CAOND109787 |
| | | CAOND109796 - CAOND109797 |
| | | CAOND109818 |
| | | CAOND109836 |
| | | CAOND109839 |
| | | CAOND109874 - CAOND109875 |
| | | CAOND109890 |
| | | CAOND109940 |
| | | CAOND109974 |
| | | CAOND109984 |
| | | CAOND110011 |
| | | CAOND110056 - CAOND110057 |
| | | CAOND110062 |
| | | CAOND110073 |
| | | CAOND110113 |
| | | CAOND110161 |
| | | CAOND110163 |
| | | CAOND110174 |
| | | CAOND110198 |
| | | CAOND110213 |
| | | CAOND110236 |
| | | CAOND110240 |

**Hole number:** KLUC18-507

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND110249 |
| | | CAOND110261 |
| | | CAOND110270 |
| | | CAOND110322 |
| | | CAOND110328 |
| | | CAOND110340 |
| | | CAOND110355 |
| | | CAOND110362 |
| | | CAOND110379 |
| | | CAOND110382 - CAOND110383 |
| | | CAOND110398 |
| | | CAOND110434 |
| | | CAOND110438 |
| | | CAOND110441 |
| | | CAOND110443 |
| | | CAOND110468 |
| | | CAOND110496 |
| | | CAOND110502 |
| | | CAOND110514 |
| | | CAOND110523 |
| | | CAOND110539 |
| | | CAOND110544 |
| | | CAOND110552 |
| | | CAOND110572 |
| | | CAOND110593 - CAOND110595 |
| | | CAOND110603 |
| | | CAOND110633 |
| | | CAOND110664 - CAOND110665 |
| | | CAOND110683 |
| | | CAOND110694 |
| | | CAOND110710 |
| | | CAOND110712 - CAOND110713 |
| | | CAOND110808 |
| | | CAOND110813 |
| | | CAOND110837 |
| | | CAOND110871 |
| | | CAOND110885 |
| | | CAOND110948 |
| | | CAOND110951 |
| | | CAOND110956 |
| | | CAOND110978 |
| | | CAOND111098 |
| | | CAOND111129 |

**Hole number:** KLUC18-507

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND111178 |
| | | CAOND111262 |
| | | CAOND111277 |
| | | CAOND111286 |
| | | CAOND111385 |
| | | CAOND111446 |
| | | CAOND111448 |
| | | CAOND111455 |
| | | CAOND111481 |
| | | CAOND111513 |
| | | CAOND111529 |
| | | CAOND111558 |
| | | CAOND111606 |
| | | CAOND111629 |
| | | CAOND111634 |
| | | CAOND111673 |
| | | CAOND111686 |
| | | CAOND111690 |
| | | CAOND111709 |
| | | CAOND111734 |
| | | CAOND111747 |
| | | CAOND111752 |
| | | CAOND111763 |
| | | CAOND111774 |
| | | CAOND111794 |
| | | CAOND111806 |
| | | CAOND111838 |
| | | CAOND111842 |
| | | CAOND111876 |
| | | CAOND111878 |
| | | CAOND111881 |
| | | CAOND111889 |
| | | CAOND111913 |
| | | CAOND111954 |
| | | CAOND111988 |
| | | CAOND112048 |
| | | CAOND112084 |
| | | CAOND112097 |
| | | CAOND112123 |
| | | CAOND112128 |
| | | CAOND112154 |
| | | CAOND112187 |
| | | CAOND112214 |

**Hole number:** KLUC18-507

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND112218 |
| | | CAOND112223 - CAOND112224 |
| | | CAOND112263 |
| | | CAOND112286 |
| | | CAOND112309 |
| | | CAOND112410 |
| | | CAOND112434 |
| | | CAOND112474 |
| | | CAOND112485 |
| | | CAOND112505 |
| | | CAOND112513 |
| | | CAOND112537 |
| | | CAOND112559 |
| | | CAOND112584 |
| | | CAOND112606 |
| | | CAOND112632 |
| | | CAOND112676 |
| | | CAOND112704 |
| | | CAOND112757 |
| | | CAOND112789 |
| | | CAOND112794 |
| | | CAOND112798 |
| | | CAOND112811 - CAOND112812 |
| | | CAOND112832 |
| | | CAOND112837 |
| | | CAOND112846 |
| | | CAOND112855 |
| | | CAOND112865 |
| | | CAOND112917 |
| | | CAOND112937 |
| | | CAOND112957 |
| | | CAOND112971 |
| | | CAOND113672 |
| | | CAOND113777 |
| | | CAOND113779 |
| | | CAOND113781 |
| | | CAOND113789 |
| | | CAOND114014 |
| | | CAOND114020 |
| | | CAOND114187 |
| | | CAOND114221 |
| | | CAOND114264 |
| | | CAOND114276 |

**Hole number:** KLUC18-507

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND115912 |
| | | CAOND115926 |
| | | CAOND115942 |
| | | CAOND115959 |
| | | CAOND115962 |
| | | CAOND115999 |
| | | CAOND116503 |
| | | CAOND116522 |
| | | CAOND116533 |
| | | CAOND116542 |
| | | CAOND116618 |
| | | CAOND116620 |
| | | CAOND116633 |
| | | CAOND116642 |
| | | CAOND116658 |
| | | CAOND116660 |
| | | CAOND116673 |

*The sample list may content samples from other holes

**Major:** **From:** 0.00 **To:** 19.60 OVB, Overburden

Overburden

**Major:** **From:** 19.60 **To:** 21.00 FPs, Spotted Feldspar Porphyry

Composition: Pale greenish beige, fine to medium grained matrix with medium to coarse grained medium reddish brown feldspar? phenocrysts; FPs - Spotted feldspar porphyry (possibly a boulder??, casing was sunk to 21m) Magnetism: Non magnetic Veinning: less than 1% qtz veinning less than 1cm thick Structure: Weakly deformed and preferentially aligned at 20-30 TCA Alteration: Moderate pervasive Se and Ep alteration? Mineralization: 1% fine and medium grained Py mineralization occuring in margins of qtz vein Lower Contact: Sharp but fractured at contact

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112696 | 19.6 | 21.0 | 1.4 | 0.003 | | | | |

**Major:** **From:** 21.00 **To:** 75.90 I2Dm, Mafic Syenite

Composition: Medium to dark grey, medium purplish pink, pink and red, fine to medium grained, chaotic, gungy and clastic apearance; I2Dm - Mafic syenite Magnetism: Non to weakly magnetic Veinning: Rare to 1% chaotic and deformed calcite veinning Structure: Moderately deformed with moderate preferential alignment at 40-50 and locally 20-30 TCA Alteration: Chaotic healed microfracures, patches and stringers of moderate chlorite alteration, rare to weak patchy calcite alteration gradually increasing to moderate, minor 10-20cm thick interval of orangish brown iron-oxide stainning Mineralization: 1-2% fine and medium grained disseminated Py mineralization throughout Lower Contact: Sharp oriented at 30 TCA, occuring over 15cm between 75.9-76m Minor units: 21.2-22.1m - Syenite intrusion 34.2-34.7m - Possible mafic intrusion, moderate to strong deformation and preferential alignment at 40-50 TCA, moderate chl and calcite alteration, shapr contacts at 40 TCA

**MINOR INTERVAL**

21.20 - 22.10: I2DComposition: Medium to dark orangish red, fine grained, massive; I2D - Syenite

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112697 | 21.0 | 22.1 | 1.1 | 0.040 | | | | |
| CAOND112698 | 22.1 | 23.5 | 1.4 | 0.013 | | | | |
| CAOND112699 | 23.5 | 25.0 | 1.5 | 0.066 | | | | |
| CAOND112701 | 25.0 | 26.5 | 1.5 | 0.022 | | | | |
| CAOND112702 | 26.5 | 28.0 | 1.5 | 0.025 | | | | |
| CAOND112703 | 28.0 | 29.5 | 1.5 | 0.019 | | | | |
| CAOND112704 | 29.5 | 31.0 | 1.5 | 0.021 | | | | |
| CAOND112705 | 31.0 | 32.5 | 1.5 | 0.071 | | | | |
| CAOND112706 | 32.5 | 33.5 | 1.0 | 0.007 | | | | |

**Hole number:** KLUC18-507

Magnetism: Non magnetic Veinning: 2% mm scale, chaotic with no preferred orientation, white qtz veinning Structure: Weakly deformed with minor chaotic healed microfractures Alteration: Moderate to strong pervasive hem and weakl calcite and chlorite Mineralization: 1-2% fine and medium grained disseminated and clustered Py mineralization Contacts: Sharp. upper contact fractured, lower contact relatively sharp and oriented at 40-50 TCA

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

22.10 - 43.00: DFZ, 40.00, MOD, Moderate deformation and moderate preferential alignment at 40-50 TCA
22.10 - 43.00: FOL, 40.00, MOD, Moderate prefential and moderate deformation at 40-50 TCA
43.00 - 50.00: DFZ, 20.00, MOD, Moderate deformation and moderate preferential alignment at 20-30 TCA
43.00 - 50.00: FOL, 20.00, MOD, Moderate preferential alignment at 20-30 TCA and moderate deformation
50.00 - 75.90: DFZ, -, MOD, Moderate deformation with no preferred orientation

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112707 | 33.5 | 34.2 | 0.7 | 0.022 | | | | |
| CAOND112708 | 34.2 | 34.7 | 0.5 | 0.023 | | | | |
| CAOND112709 | 34.7 | 36.0 | 1.3 | 0.023 | | | | |
| CAOND112710 | 36.0 | 37.5 | 1.5 | 0.018 | | | | |
| CAOND112711 | 37.5 | 39.0 | 1.5 | 0.025 | | | | |
| CAOND112712 | 39.0 | 40.5 | 1.5 | 0.027 | | | | |
| CAOND112713 | 40.5 | 42.0 | 1.5 | 0.028 | | | | |
| CAOND112714 | 42.0 | 43.5 | 1.5 | 0.016 | | | | |
| CAOND112716 | 43.5 | 45.0 | 1.5 | 0.034 | | | | |
| CAOND112717 | 45.0 | 46.5 | 1.5 | 0.020 | | | | |
| CAOND112718 | 46.5 | 48.0 | 1.5 | 0.016 | | | | |
| CAOND112719 | 48.0 | 49.5 | 1.5 | 0.010 | | | | |
| CAOND112721 | 49.5 | 51.0 | 1.5 | 0.071 | | | | |
| CAOND112722 | 51.0 | 52.5 | 1.5 | 0.011 | | | | |
| CAOND112723 | 52.5 | 54.0 | 1.5 | 0.042 | | | | |
| CAOND112724 | 54.0 | 55.5 | 1.5 | 0.032 | | | | |
| CAOND112726 | 55.5 | 57.0 | 1.5 | 0.039 | | | | |
| CAOND112727 | 57.0 | 58.5 | 1.5 | 0.019 | | | | |
| CAOND112728 | 58.5 | 60.0 | 1.5 | 0.010 | | | | |
| CAOND112729 | 60.0 | 61.5 | 1.5 | 0.026 | | | | |
| CAOND112731 | 61.5 | 63.0 | 1.5 | 0.032 | | | | |
| CAOND112732 | 63.0 | 64.5 | 1.5 | 0.132 | | | | |
| CAOND112733 | 64.5 | 66.0 | 1.5 | 0.022 | | | | |
| CAOND112734 | 66.0 | 67.5 | 1.5 | 0.025 | | | | |
| CAOND112735 | 67.5 | 69.0 | 1.5 | 0.010 | | | | |
| CAOND112736 | 69.0 | 70.5 | 1.5 | 0.042 | | | | |
| CAOND112737 | 70.5 | 72.0 | 1.5 | 0.016 | | | | |
| CAOND112738 | 72.0 | 73.5 | 1.5 | 0.022 | | | | |
| CAOND112739 | 73.5 | 75.0 | 1.5 | 0.026 | | | | |
| CAOND112740 | 75.0 | 75.9 | 0.9 | 0.078 | | | | |

**Major:** **From:** 75.90 **To:** 86.80 I2D, Syénite

Composition: Medium to dark orangish red, medium grained, relatively massive; I2D - Syenite Magnetism: Moderately magnetic over 4m at upper contact, non magnetic throughout Veinning: 15% chaotic and

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112741 | 75.9 | 77.0 | 1.1 | 0.044 | | | | |
| CAOND112742 | 77.0 | 78.5 | 1.5 | 0.036 | | | | |

**Hole number:** KLUC18-507

irregular qtz-calcite veinning, dominantly 2-3cm thick with no preferred orientation Structure: No signficanit structures Alteration: Weak spotted calcite alteration Mineralization: 2% clustered Cp mineralization and 1% disseminated and clustered Py mineralization, 1% disseminated Mt. Mineralization is dominantly occuring in qtz veinning Lower Contact: Sharp oriented at 70-80 TCA

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

75.90 - 86.80: CPY, DIS, 2.00, -, -, 2-3% clustered Cp mineralization occuring in qtz veinning

75.90 - 86.80: MAG, DIS, 1.00, -, -, 1-2% fine grained disseminated Mt mineralization occuring in qtz veinning

75.90 - 86.80: PYR, DIS, 1.00, -, -, 1-2% fine grained disseminated PY mineralization occuring in qtz veinning

**VEIN**

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS

75.90 - 86.80: QtzCal, 15.00, -, -, -, GRY_00025, CPY, 2.00, 15% chaotic and irregular qtz-cal veinning with no preferred orientation 2-3cm thick; 2-3% clustered Cp, 1-2% PY and 1-2% Mt mineralization occuring in veins

86.30 - 86.70: QtzCal, 5.00, -, -, VUG, PNK2_BASIC, -, -, 5% irregular and chaotic qtz-cal veinning

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112743 | 78.5 | 80.0 | 1.5 | 0.042 | | | | |
| CAOND112744 | 80.0 | 81.5 | 1.5 | 0.019 | | | | |
| CAOND112746 | 81.5 | 83.0 | 1.5 | 0.033 | | | | |
| CAOND112747 | 83.0 | 84.5 | 1.5 | 0.047 | | | | |
| CAOND112748 | 84.5 | 86.0 | 1.5 | 0.037 | | | | |
| CAOND112749 | 86.0 | 86.8 | 0.8 | 0.033 | | | | |

**Major:** **From:** 86.80 **To:** 232.90 I2Dm, Mafic Syenite

Composition: Medium to dark grey, medium purplish pink, and pink, fine to medium grained, chaotic, gungy, porous/vuggy and clastic apearance; I2Dm - Mafic syenite **Some intervals appear more trachytic but no defined contacts observed Magnetism: Weak to moderately magnetic Veinning: 1-5% chaotic and deformed white and pink calcite veinning, 1% qtz-cal veinning Structure: Moderately deformed with weak preferential alignment at 40-50 Alteration: Pervasive moderate chlorite alteration, spotted and patchy moderate calcite alteration. Minor pervasive intervals with medium brownish grey alteration?? Mineralization: 1-2% fine and medium grained disseminated Py mineralization throughout Lower Contact: Relatively sharp

**MINOR INTERVAL**

209.00 - 211.70: I2DComposition: Dark purplish red, fine grained, massive; I2D - Syenite Magnetism: Weakly magnetic Veinning: 2% irregular, chaotic and discontinuous qtz-cal-chl veinning Structure: No significant deformation Alteration: Weak patchy calcite alteration and weak fracture filled chlorite Mineralization: Rare to trace very fine grained Py mineralization Contact: Sharp but wavy with no prominant orientation

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

86.80 - 171.00: DFZ, -, MOD, Moderate deformation with rare to weak preferential alignment at 40-50 TCA

115.00 - 116.00: FOL, 40.00, MOD, Moderate foliation oriented at 40-50 TCA

171.00 - 232.90: DFZ, 40.00, MOD, Moderate deformation with moderate prefential alignmnet at 40-50 TCA

171.00 - 232.90: FOL, 40.00, MOD, Moderate preferential alignment at 40-50 TCAa and moderate

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112751 | 86.8 | 88.0 | 1.2 | 0.075 | | | | |
| CAOND112752 | 88.0 | 89.5 | 1.5 | 0.128 | | | | |
| CAOND112753 | 89.5 | 91.0 | 1.5 | 0.053 | | | | |
| CAOND112754 | 91.0 | 92.0 | 1.0 | 0.042 | | | | |
| CAOND112755 | 92.0 | 93.0 | 1.0 | 0.010 | | | | |
| CAOND112756 | 93.0 | 94.5 | 1.5 | 0.026 | | | | |
| CAOND112757 | 94.5 | 95.5 | 1.0 | 0.040 | | | | |
| CAOND112758 | 95.5 | 97.0 | 1.5 | 0.026 | | | | |
| CAOND112759 | 97.0 | 98.5 | 1.5 | 0.073 | | | | |
| CAOND112761 | 98.5 | 100.0 | 1.5 | 0.070 | | | | |
| CAOND112762 | 100.0 | 101.5 | 1.5 | 0.151 | | | | |
| CAOND112763 | 101.5 | 103.0 | 1.5 | 0.041 | | | | |
| CAOND112764 | 103.0 | 104.5 | 1.5 | 0.021 | | | | |
| CAOND112765 | 104.5 | 106.0 | 1.5 | 0.032 | | | | |
| CAOND112766 | 106.0 | 107.5 | 1.5 | 0.039 | | | | |
| CAOND112767 | 107.5 | 109.0 | 1.5 | 0.047 | | | | |
| CAOND112768 | 109.0 | 110.5 | 1.5 | 0.021 | | | | |
| CAOND112769 | 110.5 | 112.0 | 1.5 | 0.026 | | | | |

**Hole number:** KLUC18-507

deformation

**VEIN**

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS

94.90 - 95.00: QtzCal, 30.00, -, -, -, PNK2_BASIC, PYR, 1.00, 3cm thick pale pink and pale grey qtz-cal vein with 1% fine grained disseminated Py mineralization, contacts aare relatively sharp and oriented at 30-40 TCA

152.40 - 152.70: CAL, 10.00, -, -, VUG, PNK2_BASIC, PYR, 2.00, 1x 3cm thick pale pink and pale grey, vuggy calcite vein with 1-2% fine grained disseminated Py mineralization. Contacts relavtively sharp and at 30-40 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112771 | 112.0 | 113.5 | 1.5 | 0.016 | | | | |
| CAOND112772 | 113.5 | 115.0 | 1.5 | 0.048 | | | | |
| CAOND112773 | 115.0 | 116.5 | 1.5 | 0.324 | | | | |
| CAOND112774 | 116.5 | 118.0 | 1.5 | 0.256 | | | | |
| CAOND112776 | 118.0 | 119.5 | 1.5 | 0.130 | | | | |
| CAOND112777 | 119.5 | 121.0 | 1.5 | 0.111 | | | | |
| CAOND112778 | 121.0 | 122.5 | 1.5 | 0.046 | | | | |
| CAOND112779 | 122.5 | 124.0 | 1.5 | 0.041 | | | | |
| CAOND112781 | 124.0 | 125.5 | 1.5 | 0.654 | | | | |
| CAOND112782 | 125.5 | 127.0 | 1.5 | 0.174 | | | | |
| CAOND112783 | 127.0 | 128.5 | 1.5 | 0.036 | | | | |
| CAOND112784 | 128.5 | 130.0 | 1.5 | 0.019 | | | | |
| CAOND112785 | 130.0 | 131.5 | 1.5 | 0.030 | | | | |
| CAOND112786 | 131.5 | 133.0 | 1.5 | 0.043 | | | | |
| CAOND112787 | 133.0 | 134.5 | 1.5 | 0.025 | | | | |
| CAOND112788 | 134.5 | 136.0 | 1.5 | 0.023 | | | | |
| CAOND112789 | 136.0 | 137.5 | 1.5 | 0.094 | | | | |
| CAOND112791 | 137.5 | 138.5 | 1.0 | 0.131 | | | | |
| CAOND112792 | 138.5 | 140.0 | 1.5 | 0.046 | | | | |
| CAOND112793 | 140.0 | 141.5 | 1.5 | 0.058 | | | | |
| CAOND112794 | 141.5 | 143.0 | 1.5 | 0.047 | | | | |
| CAOND112795 | 143.0 | 144.5 | 1.5 | 0.264 | | | | |
| CAOND112796 | 144.5 | 146.0 | 1.5 | 0.072 | | | | |
| CAOND112797 | 146.0 | 147.5 | 1.5 | 0.052 | | | | |
| CAOND112798 | 147.5 | 149.0 | 1.5 | 0.034 | | | | |
| CAOND112799 | 149.0 | 150.5 | 1.5 | 0.023 | | | | |
| CAOND112801 | 150.5 | 152.0 | 1.5 | 0.019 | | | | |
| CAOND112802 | 152.0 | 153.0 | 1.0 | 0.122 | | | | |
| CAOND112803 | 153.0 | 154.5 | 1.5 | 0.116 | | | | |
| CAOND112804 | 154.5 | 156.0 | 1.5 | 0.052 | | | | |
| CAOND112805 | 156.0 | 157.5 | 1.5 | 0.036 | | | | |
| CAOND112806 | 157.5 | 159.0 | 1.5 | 0.037 | | | | |
| CAOND112807 | 159.0 | 160.5 | 1.5 | 0.008 | | | | |

**Hole number:** KLUC18-507

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112808 | 160.5 | 162.0 | 1.5 | 0.018 | | | | |
| CAOND112809 | 162.0 | 163.5 | 1.5 | 0.020 | | | | |
| CAOND112810 | 163.5 | 165.0 | 1.5 | 0.009 | | | | |
| CAOND112811 | 165.0 | 166.5 | 1.5 | 0.015 | | | | |
| CAOND112812 | 166.5 | 168.0 | 1.5 | 0.024 | | | | |
| CAOND112813 | 168.0 | 169.5 | 1.5 | 0.014 | | | | |
| CAOND112814 | 169.5 | 171.0 | 1.5 | 0.020 | | | | |
| CAOND112816 | 171.0 | 172.5 | 1.5 | 0.008 | | | | |
| CAOND112817 | 172.5 | 174.0 | 1.5 | 0.010 | | | | |
| CAOND112818 | 174.0 | 175.5 | 1.5 | 0.019 | | | | |
| CAOND112819 | 175.5 | 177.0 | 1.5 | 0.011 | | | | |
| CAOND112821 | 177.0 | 178.5 | 1.5 | 0.010 | | | | |
| CAOND112822 | 178.5 | 180.0 | 1.5 | 0.024 | | | | |
| CAOND112823 | 180.0 | 181.5 | 1.5 | 0.026 | | | | |
| CAOND112824 | 181.5 | 183.0 | 1.5 | 0.044 | | | | |
| CAOND112826 | 183.0 | 184.5 | 1.5 | 0.059 | | | | |
| CAOND112827 | 184.5 | 186.0 | 1.5 | 0.027 | | | | |
| CAOND112828 | 186.0 | 187.5 | 1.5 | 0.132 | | | | |
| CAOND112829 | 187.5 | 189.0 | 1.5 | 0.042 | | | | |
| CAOND112831 | 189.0 | 190.5 | 1.5 | 0.045 | | | | |
| CAOND112832 | 190.5 | 192.0 | 1.5 | 0.052 | | | | |
| CAOND112833 | 192.0 | 193.5 | 1.5 | 0.039 | | | | |
| CAOND112834 | 193.5 | 195.0 | 1.5 | 0.014 | | | | |
| CAOND112835 | 195.0 | 196.5 | 1.5 | 0.014 | | | | |
| CAOND112836 | 196.5 | 198.0 | 1.5 | 0.014 | | | | |
| CAOND112837 | 198.0 | 199.5 | 1.5 | 0.029 | | | | |
| CAOND112838 | 199.5 | 201.0 | 1.5 | 0.012 | | | | |
| CAOND112839 | 201.0 | 202.5 | 1.5 | 0.003 | | | | |
| CAOND112840 | 202.5 | 204.0 | 1.5 | 0.005 | | | | |
| CAOND112841 | 204.0 | 205.5 | 1.5 | 0.005 | | | | |
| CAOND112842 | 205.5 | 207.0 | 1.5 | 0.005 | | | | |
| CAOND112843 | 207.0 | 208.0 | 1.0 | 0.007 | | | | |
| CAOND112844 | 208.0 | 209.0 | 1.0 | 0.045 | | | | |

**Hole number:** KLUC18-507

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112846 | 209.0 | 210.5 | 1.5 | 0.008 | | | | |
| CAOND112847 | 210.5 | 212.0 | 1.5 | 0.009 | | | | |
| CAOND112848 | 212.0 | 213.5 | 1.5 | 0.011 | | | | |
| CAOND112849 | 213.5 | 215.0 | 1.5 | 0.008 | | | | |
| CAOND112851 | 215.0 | 216.5 | 1.5 | 0.008 | | | | |
| CAOND112852 | 216.5 | 218.0 | 1.5 | 0.014 | | | | |
| CAOND112853 | 218.0 | 219.5 | 1.5 | 0.013 | | | | |
| CAOND112854 | 219.5 | 221.0 | 1.5 | 0.055 | | | | |
| CAOND112855 | 221.0 | 222.5 | 1.5 | 0.019 | | | | |
| CAOND112856 | 222.5 | 224.0 | 1.5 | 0.102 | | | | |
| CAOND112857 | 224.0 | 225.5 | 1.5 | 0.083 | | | | |
| CAOND112858 | 225.5 | 227.0 | 1.5 | 0.003 | | | | |
| CAOND112859 | 227.0 | 228.5 | 1.5 | 0.024 | | | | |
| CAOND112861 | 228.5 | 230.0 | 1.5 | 0.008 | | | | |
| CAOND112862 | 230.0 | 231.5 | 1.5 | 0.022 | | | | |
| CAOND112863 | 231.5 | 232.9 | 1.4 | 0.006 | | | | |

**Major:** **From:** 232.90 **To:** 255.90 I2D, Syénite

Composition: Dark purplish red, fine grained, massive; I2D - Syenite Magnetism: Weak to moderately magnetic Veinning: 10-15% chaotic, whispy medium orangish pink calcite veinning Structure: No signficant structures Alteration: Moderate to strong irregular and whispy patches of calcite alteration and moderate microfracture filled chlorite Mineralization: Rare to trace fine grained Py mineralization Lower Contact: Gradational, contact placed where textures change and colours beginning to be chaotic with patchy pinks and greens 243.7-255.9m; Appears to be dominantly syenitic in composition but there is a significant change in intensity of alteration and deformation. There is an abundance of irregular and chaotic medium orangish pink patches of calcite? and k-felspar? alteration. Moderate to strong deformation with a weak preferential alignment locally between 30-50 TCA. Chaotic folding at mm to cm scale also observed locally. No significant mineralization; only trace fine grained diss. PY

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

243.70 - 255.90: CAL+, PAT, MOD, PNK2_BASIC, -, Moderate to strong irregular and chaotic patchtes of calcite alteration

243.70 - 255.90: KFS+, PAT, MOD, PNK2_BASIC, -, Moderate to strong irregular and chaotic patches of k-felspar alteration occuring with Cal alteration

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

243.70 - 255.90: DFZ, -, MOD, Moderate to strong deformation and increase in intensity of alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112864 | 232.9 | 234.4 | 1.5 | 0.007 | | | | |
| CAOND112865 | 234.4 | 235.5 | 1.1 | 0.013 | | | | |
| CAOND112866 | 235.5 | 237.0 | 1.5 | 0.025 | | | | |
| CAOND112867 | 237.0 | 238.5 | 1.5 | 0.020 | | | | |
| CAOND112868 | 238.5 | 240.0 | 1.5 | 0.022 | | | | |
| CAOND112869 | 240.0 | 241.5 | 1.5 | 0.045 | | | | |
| CAOND112871 | 241.5 | 242.5 | 1.0 | 0.010 | | | | |
| CAOND112872 | 242.5 | 243.7 | 1.2 | 0.016 | | | | |
| CAOND112873 | 243.7 | 245.0 | 1.3 | 0.064 | | | | |
| CAOND112874 | 245.0 | 246.0 | 1.0 | 0.146 | | | | |
| CAOND112876 | 246.0 | 247.0 | 1.0 | 0.006 | | | | |
| CAOND112877 | 247.0 | 248.5 | 1.5 | 0.026 | | | | |
| CAOND112878 | 248.5 | 250.0 | 1.5 | 0.067 | | | | |
| CAOND112879 | 250.0 | 251.5 | 1.5 | 0.063 | | | | |
| CAOND112881 | 251.5 | 253.0 | 1.5 | 0.017 | | | | |
| CAOND112882 | 253.0 | 254.5 | 1.5 | 0.014 | | | | |

**Hole number:** KLUC18-507

243.70 - 255.90: FOL, 30.00, MOD, Moderate to weak preferential alignment at 30-50 TCA

**VEIN**
TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS
246.00 - 246.60: QtzCal, 10.00, -, -, -, GRY2_BASIC, CPY, 1.00, 10% irregular and chaotic pale grey qtz-cal veinning running parallel to core axis with mm scale off shoots. 1% clustered CP mineralization occuring in vein

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112883 | 254.5 | 255.9 | 1.4 | 0.021 | | | | |

**Major:** **From:** 255.90 **To:** 272.60 V8mt, Trachyte mafic tuff

Composition: Medium pink and dark green, chaotic, porous and vuggy, deformed and altered; V8t - Trachyte mafic tuff Magnetism: Weak to moderately magnetic Veinning: 1-2% chaotic mm scale qtz veinning Structure: Moderate to strong deoformed with moderate preferential alignment at 40-50 and 10-20 TCA Alteration: Moderate patchy to pervasive chlorite alteration, moderate to strong patchy calcite alteration Mineralization: Trace to 1% disseminate Py mineralization and 5-10% speculerite. Local clusters of 3% dissseminated Py mineralization over 10-20cm occuring in patches of chlorite Lower Contact: Sharp; oriented at 40 TCA 255.9-259.2m; appears to be syenitic composition but moderate to strongly altered and deformed with numurous vugs and pits. contacts are unclear and gradational

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS
255.90 - 272.60: CAL+, PAT, MOD, PNK2_BASIC, -, Moderate to strong irregular patches of pink and white calcite alteration
255.90 - 272.60: CHL+, PAT, MOD, GRN2_BASIC, -, Moderate to strong whispy patches of chlorite alteration
255.90 - 272.60: SER+, PAT, WEAK, YLW2_BASIC, -, Weak mm scale whisps of sericite associated with chlorite alteration

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
255.90 - 272.60: DFZ, -, MOD, Moderate to strong deformation zone with moderate preferential alignment at 40-50 tca
259.00 - 262.00: FOL, 40.00, MOD, Moderate preferential alignment at 40-50 TCA
262.00 - 268.00: FOL, 20.00, MOD, Moderate preferential alignmnet at 20-30 TCA
268.00 - 272.60: FOL, 30.00, MOD, Moderate preferential alignment at 30-40 TCA

**VEIN**
TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS
270.90 - 271.00: QTZ_2, 20.00, -, -, -, -, -, -, 2cm thick white and pale pink qtz-cal vein

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112884 | 255.9 | 257.0 | 1.1 | 0.005 | | | | |
| CAOND112885 | 257.0 | 258.0 | 1.0 | 0.044 | | | | |
| CAOND112886 | 258.0 | 259.0 | 1.0 | 0.016 | | | | |
| CAOND112887 | 259.0 | 260.5 | 1.5 | 0.031 | | | | |
| CAOND112888 | 260.5 | 262.0 | 1.5 | 0.023 | | | | |
| CAOND112889 | 262.0 | 263.0 | 1.0 | 0.039 | | | | |
| CAOND112891 | 263.0 | 264.0 | 1.0 | 0.032 | | | | |
| CAOND112892 | 264.0 | 265.5 | 1.5 | 0.032 | | | | |
| CAOND112893 | 265.5 | 267.0 | 1.5 | 0.033 | | | | |
| CAOND112894 | 267.0 | 268.5 | 1.5 | 0.036 | | | | |
| CAOND112895 | 268.5 | 270.0 | 1.5 | 0.031 | | | | |
| CAOND112896 | 270.0 | 271.5 | 1.5 | 0.028 | | | | |
| CAOND112897 | 271.5 | 272.6 | 1.1 | 0.023 | | | | |

**Major:** **From:** 272.60 **To:** 277.50 I2D, Syénite

Composition: Medium orangish pink with patches of medium grey, altered; I2D - Syenite Magnetism: Non magnetic Veinning: 15% chaotic network of pale grey qtz veinning Structure: Moderately brittly deformed by veinning Alteration: Random patches of medium grey and greenish grey chlorite or

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112898 | 272.6 | 274.0 | 1.4 | 0.034 | | | | |
| CAOND112899 | 274.0 | 275.5 | 1.5 | 0.185 | | | | |

**Hole number:** KLUC18-507

micaceous mineral alteration, moderate patchy calcite alteration Mineralization: 1-2% disseminated Py mineralization, 5% clusters and disseminated specularite Lower Contact: Sharp; oriented at 30-40 TCA

**VEIN**

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS

272.60 - 277.50: QtzCal, 15.00, -, -, VUG, GRY2_BASIC, PYR, .50, 15% chaotic and irregular network of pale grey qtz-cal veinning with 0.5% Py mineralization in margins and 5% specularite clusters in veins

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112901 | 275.5 | 276.5 | 1.0 | 0.047 | | | | |
| CAOND112902 | 276.5 | 277.5 | 1.0 | 0.086 | | | | |

**Major:** **From:** 277.50 **To:** 333.00 V8mt, Trachyte mafic tuff

Composition: Medium purplish red, dark green and grey and patches of pale to medium orangish pink, chaotic, deformed; V8t - Trachyte mafic tuff Magnetism: Weak to moderate magnetism Veinning: 1% irregular and deformed qtz-cal veinning, 30-40% chaotic, strongly deformed whispy white and medium purplish pink calcite veinning Structure: Moderate to strong deformation throughout with only local preferential alignment at 40-50 TCA. Chaotic folding and crenulation commonly observed throughout Alteration: Moderate dolomitization gradually changing to calcite, moderate patchy chlorite alteration Mineralization: Trace to 1% very fine grained disseminated Py mineralization with minor intervals with 2-3% f.gr. diss. Py Lower Contact: Gradational, contact placed where textures, alteration type and colouring changes 280.5-284.5m; bizzard rounded patches, couliflower texture? of dolomitization?

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

277.50 - 280.50: CAL+, PAT, MOD, -, -, Moderate patches of calcite alteration
277.50 - 280.50: CHL+, PAT, MOD, -, -, Moderate patchy chlorite alteration
277.50 - 310.00: SER+, PAT, WEAK, -, -, Weak whispy patches of Se alteration occuring with chlorite
280.50 - 284.50: DOL+, PAT, MOD, -, -, Rounded patches of dolomitization
284.50 - 333.00: CAL+, PAT, MOD, -, -, Moderate patchy, chaotic whisps of calcite alteration
284.50 - 333.00: CHL+, PAT, MOD, -, -, Moderate patchy chlorite alteration

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

277.50 - 333.00: DFZ, -, MOD, Moderate to strong deformation with local chaotic folding, crenulations and minor intervals of preferential alignment at 40-50 TCA
305.00 - 305.30: FGO, 30.00, STRONG, 12cm thick interval of fault mud / gouge

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112903 | 277.5 | 279.0 | 1.5 | 0.071 | | | | |
| CAOND112904 | 279.0 | 280.5 | 1.5 | 0.137 | | | | |
| CAOND112905 | 280.5 | 282.0 | 1.5 | 0.030 | | | | |
| CAOND112906 | 282.0 | 283.5 | 1.5 | 0.118 | | | | |
| CAOND112907 | 283.5 | 285.0 | 1.5 | 0.192 | | | | |
| CAOND112908 | 285.0 | 286.5 | 1.5 | 0.039 | | | | |
| CAOND112909 | 286.5 | 288.0 | 1.5 | 0.353 | | | | |
| CAOND112910 | 288.0 | 289.5 | 1.5 | 0.075 | | | | |
| CAOND112911 | 289.5 | 291.0 | 1.5 | 0.111 | | | | |
| CAOND112912 | 291.0 | 292.5 | 1.5 | 0.332 | | | | |
| CAOND112913 | 292.5 | 294.0 | 1.5 | 0.249 | | | | |
| CAOND112914 | 294.0 | 295.5 | 1.5 | 0.090 | | | | |
| CAOND112916 | 295.5 | 297.0 | 1.5 | 0.644 | | | | |
| CAOND112917 | 297.0 | 298.5 | 1.5 | 0.345 | | | | |
| CAOND112918 | 298.5 | 300.0 | 1.5 | 0.438 | | | | |
| CAOND112919 | 300.0 | 301.5 | 1.5 | 1.925 | | | | |
| CAOND112921 | 301.5 | 303.0 | 1.5 | 0.133 | | | | |
| CAOND112922 | 303.0 | 304.5 | 1.5 | 0.018 | | | | |
| CAOND112923 | 304.5 | 306.0 | 1.5 | 0.291 | | | | |
| CAOND112924 | 306.0 | 307.5 | 1.5 | 0.056 | | | | |
| CAOND112926 | 307.5 | 309.0 | 1.5 | 0.089 | | | | |
| CAOND112927 | 309.0 | 310.5 | 1.5 | 0.361 | | | | |
| CAOND112928 | 310.5 | 312.0 | 1.5 | 0.038 | | | | |
| CAOND112929 | 312.0 | 313.5 | 1.5 | 0.009 | | | | |
| CAOND112931 | 313.5 | 315.0 | 1.5 | 0.006 | | | | |
| CAOND112932 | 315.0 | 316.5 | 1.5 | 0.003 | | | | |
| CAOND112933 | 316.5 | 318.0 | 1.5 | 0.302 | | | | |

**Hole number:** KLUC18-507

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112934 | 318.0 | 319.5 | 1.5 | 0.008 | | | | |
| CAOND112935 | 319.5 | 321.0 | 1.5 | 0.335 | | | | |
| CAOND112936 | 321.0 | 322.5 | 1.5 | 0.505 | | | | |
| CAOND112937 | 322.5 | 324.0 | 1.5 | 0.079 | | | | |
| CAOND112938 | 324.0 | 325.5 | 1.5 | 0.056 | | | | |
| CAOND112939 | 325.5 | 327.0 | 1.5 | 0.022 | | | | |
| CAOND112940 | 327.0 | 328.5 | 1.5 | 0.086 | | | | |
| CAOND112941 | 328.5 | 330.0 | 1.5 | 0.802 | | | | |
| CAOND112942 | 330.0 | 331.5 | 1.5 | 0.754 | | | | |
| CAOND112943 | 331.5 | 333.0 | 1.5 | 0.141 | | | | |

**Major:** **From:** 333.00 **To:** 364.90 V8t, Trachytic tuff

Composition: Pale and medium green pale and medium beige to white minor patches and intervals of medium reddish and purplish reddish color. Strongly deformed with two foliations planes observed locally and cm scale chaotic folding. Bleached appearance; V8t - Trachyte tuff Magnetism: Dominanly non to weakly magnetic with minor intervals of moderate magnetism Veinning: 10% 0.5cm thick, white, moderate to strongly chaotically folded over 10m at beginning of interval gradually decreasing to 2-3% Structure: Moderate to strongly deformed and dominantly aligned at 40-50 TCA. Intervals with chaotic folding, two foliation planes and obliterated textures also observed Alteration: Moderate patchy albite? alteration bleaching, moderate to strong patchy dolomite alteration, moderate pervasive chlorite and sericite alteration, minor patchy and pervasive intervals of hematite alteration, minor spotted tourmaline alteration Mineralization: Trace to 1% very fine grained disseminated Py mineralization, 2-3% clusters and veinlets of specularite Lower Contact: Sharp; oriented at 45 TCA

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

333.00 - 343.00: PYR, DIS, 1.00, -, -, Trace to 1% very fine grained Py mineralization disseminated throughout with minnor clusters containning 5% Py
340.50 - 341.50: SPT, PAT, .50, -, -, medium reddish brown clusters containing possible trace sphalerite mineralization
343.00 - 347.00: PYR, DIS, 2.00, -, -, 2-3% fine grained dissemianted Py mineralization
347.00 - 350.00: PYR, DIS, 5.00, -, -, 5-8% fine grained dissemianted Py mineralization
350.00 - 355.00: PYR, DIS, 2.00, -, -, 2-3% fine grained disseminated PY
356.50 - 357.00: CPY, DIS, .50, -, -, 0.5% local Cp mineralization

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

333.00 - 350.00: ALB+, PAT, MOD, -, -, Moderate possible patchy albite alteration
333.00 - 350.00: SER+, PEN, MOD, -, -, Moderate to strong pervasive Se alteration
333.00 - 364.90: DOL+, PAT, MOD, -, -, Moderate patchy dolomite alteration
333.00 - 364.90: TUR+, SPO, WEAK, -, -, Weak spotted tourmaline alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112944 | 333.0 | 334.5 | 1.5 | 0.418 | | | | |
| CAOND112946 | 334.5 | 336.0 | 1.5 | 1.350 | | | | |
| CAOND112947 | 336.0 | 337.5 | 1.5 | 0.092 | | | | |
| CAOND112948 | 337.5 | 339.0 | 1.5 | 0.709 | | | | |
| CAOND112949 | 339.0 | 340.5 | 1.5 | 0.165 | | | | |
| CAOND112951 | 340.5 | 341.5 | 1.0 | 0.316 | | | | |
| CAOND112952 | 341.5 | 343.0 | 1.5 | 0.273 | | | | |
| CAOND112953 | 343.0 | 344.5 | 1.5 | 0.577 | | | | |
| CAOND112954 | 344.5 | 346.0 | 1.5 | 0.394 | | | | |
| CAOND112955 | 346.0 | 347.5 | 1.5 | 0.461 | | | | |
| CAOND112956 | 347.5 | 349.0 | 1.5 | 1.035 | | | | |
| CAOND112957 | 349.0 | 350.0 | 1.0 | 0.393 | | | | |
| CAOND112958 | 350.0 | 351.0 | 1.0 | 0.054 | | | | |
| CAOND112959 | 351.0 | 352.0 | 1.0 | 0.299 | | | | |
| CAOND112961 | 352.0 | 353.0 | 1.0 | 0.100 | | | | |
| CAOND112962 | 353.0 | 354.0 | 1.0 | 0.373 | | | | |
| CAOND112963 | 354.0 | 355.5 | 1.5 | 0.528 | | | | |
| CAOND112964 | 355.5 | 357.0 | 1.5 | 0.110 | | | | |
| CAOND112965 | 357.0 | 358.5 | 1.5 | 0.147 | | | | |
| CAOND112966 | 358.5 | 360.0 | 1.5 | 0.451 | | | | |
| CAOND112967 | 360.0 | 361.5 | 1.5 | 0.019 | | | | |
| CAOND112968 | 361.5 | 363.0 | 1.5 | 0.041 | | | | |

## Hole number: KLUC18-507

349.80 - 354.00: TUR+, SPO, MOD, -, -, Moderate spotty tourmaline alteration

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

333.00 - 350.00: FLD, -, MOD, Moderate chaotic folding at a cm scale
333.00 - 364.90: DFZ, 40.00, STRONG, Moderate to strong deformation with preferential alignment dominantly at 40-50 TCA, locally 2 foliation planes observed, chaotic folding and abliterated textures are common
334.50 - 337.00: CRN, -, MOD, Moderate crenulation with two foliation orientations but have been ablitoratred and boudinaged
338.00 - 340.00: FOL, 40.00, MOD, Moderate to strong foliation oriented at 40-50 TCA, defined by the alignment and alternation of bands of alteration and colour variations
354.00 - 364.90: FOL, 40.00, MOD, Moderate to strong foliation oriented at 40-50 TCA

**VEIN**

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS

333.00 - 343.00: QtzAlb, 10.00, -, -, CAO, GRY_00025, -, -, 10% chaotically folded and deformed milk white qtz-ab? veinning 0.5cm thick, dominantly trending parallel to foliation
363.50 - 364.90: QtzAlb, 5.00, -, -, CAO, GRY_00025, PYR, .50, 5% chaotic deformed and boudinaged milky white qtz-ab? veinning

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112969 | 363.0 | 363.7 | 0.7 | 0.016 | | | | |
| CAOND112971 | 363.7 | 364.9 | 1.2 | 0.088 | | | | |

**Major: From:** 364.90 **To:** 370.30 I2D, Syénite

Composition: Medium grey and medium reddish brown, fine grained, massive, moderately altered and brittely deformed; I2D - Syenite Magnetism: Non magnetic Veinning: 5% chaotic and whispy qtz veinlets Structure: Moderately brittely deformed and intruded by veins and healed microfractures Alteration: Weak pervasive silicification moderate pervasive hem Mineralization: 1-2% very fine to fine grained Py mineralization Lower Contact: Sharp oriented at 60 TCA, but deformed

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

364.90 - 370.30: TUR+, SPO, WEAK, -, -, Weak spotted tourmaline alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112972 | 364.9 | 366.0 | 1.1 | 0.159 | | | | |
| CAOND112973 | 366.0 | 367.5 | 1.5 | 0.577 | | | | |
| CAOND112974 | 367.5 | 369.0 | 1.5 | 0.353 | | | | |
| CAOND112976 | 369.0 | 370.3 | 1.3 | 0.158 | | | | |

**Major: From:** 370.30 **To:** 438.00 V8t, Trachytic tuff

Composition: Medium purplish pink, pale beige to creamy beige, and medium bluish, greenish and yellowish grey; V8t - Trachyte tuff Magnetism: Dominantly unmagnetic with local weak to moderate magnetism Veinning: 2% chaotically folded milky white qtz veinning Structure: Moderate to strong deformed with moderate preferential alignment at 40-50 and 0-10 TCA, chaotic mm to cm scale folding and tight folding Alteration: Moderate pervasive sericite alteration with local pervasive intervals of moderate hematite alteration, local moderate clustered spotted tourmaline alteration, moderate irregular stringers and patches of chlorite alteration, minor pervasive intervals that are silicified, moderate spotted dolomite and albite? bleaching Mineralization: 1-2% fine grained disseminated PY mineralization thorughout with minor intervals containinng up to 5% fine grained disseminated PY Lower Contact: Gradational, contact is place where composition becomes more mafic and consistently magnetic

**MINOR INTERVAL**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112977 | 370.3 | 371.5 | 1.2 | 0.164 | | | | |
| CAOND112978 | 371.5 | 373.0 | 1.5 | 0.192 | | | | |
| CAOND112979 | 373.0 | 374.0 | 1.0 | 0.023 | | | | |
| CAOND112981 | 374.0 | 375.0 | 1.0 | 0.052 | | | | |
| CAOND112982 | 375.0 | 376.5 | 1.5 | 0.025 | | | | |
| CAOND112983 | 376.5 | 378.0 | 1.5 | 0.019 | | | | |
| CAOND112984 | 378.0 | 379.5 | 1.5 | 0.016 | | | | |
| CAOND112985 | 379.5 | 381.0 | 1.5 | 0.457 | | | | |

## Hole number: KLUC18-507

401.30 - 401.80: CNRCore not recovered, grinning

### MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

391.00 - 396.00: PYR, DIS, 5.00, -, -, 5% clusters of disseminated, fine grained Py mineralization
400.00 - 415.00: PYR, DIS, 5.00, -, -, 5-8% disseminated, fine grained PY mineralization

### ALTERATION

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

370.30 - 380.00: TUR+, SPO, WEAK, -, -, Weak spotted tourmaline alteration
370.30 - 374.30: TUR+, PAT, MOD, -, -, Moderate clusters of spotted tourmaline alteration
374.30 - 378.00: HEM+, PEN, WEAK, -, -, Weak pervasive hem alteration
378.00 - 387.00: ALB+, PAT, MOD, -, -, Moderate patchy creamy white Ab? alteration
378.00 - 387.00: CHL+, PAT, MOD, -, -, Moderate to strong patchy Chl alt.
378.00 - 387.00: DOL+, SPO, MOD, -, -, Moderate spotted to patchy DO alt.
378.00 - 387.00: SER+, PEN, MOD, -, -, Moderate to strong SE alteration
387.00 - 396.00: HEM+, PEN, MOD, -, -, Moderate pervasive to patchy hem alteration
396.00 - 415.00: CHL+, PAT, MOD, -, -, Moderate to strong patchy chl alteration
396.00 - 415.00: SER+, PEN, MOD, -, -, Moderate to strong pervasive Se alteration
408.00 - 412.00: FUC+, SPO, WEAK, -, -, Weak to moderate mm scale elongated spots of Fu alteration

### STRUCTURE

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

370.30 - 374.30: FOL, 40.00, MOD, Moderate foliation at 40-50 TCA
370.30 - 417.00: DFZ, 40.00, MOD, Moderate deformation with foliation at 40-50 and 0-10 TCA, chaotic mm to cm scale folding
374.30 - 379.00: FOL, 0.00, MOD, Moderate foliation at 0-10 TCA
374.30 - 384.00: FLD, -, MOD, Moderate folding defined by the change in foliation orienation
379.00 - 384.00: FOL, 50.00, MOD, Moderate to strong foliation at 50-60 TCA
384.00 - 388.00: FOL, 30.00, MOD, Moderate to strong foliation at 30-40 TCA
388.00 - 417.00: FOL, 40.00, MOD, Moderate to strong foliation at 40-50 TCA
417.00 - 438.00: DFZ, -, MOD, Moderate to strongly defromed with no preferential orientation, chaotic with destroyed primary textures

### VEIN

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS

379.00 - 396.00: QTZ, 2.00, -, -, CAO, GRY_00025, PYR, 1.00, 2% chaotically folded and deformed creamy white 0.5cm thick or less, qtz veinning
420.00 - 433.00: QTZ, 2.00, -, -, CAO, GRY_00025, PYR, 2.00, 2% chaotically folded and deformed creamy white 0.5cm thick or less, locally up to 3cm thick qtz veinning. 2-3% f.gr. diss. Py mineralization in margins

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND112986 | 381.0 | 382.5 | 1.5 | 0.555 | | | | |
| CAOND112987 | 382.5 | 384.0 | 1.5 | 0.021 | | | | |
| CAOND112988 | 384.0 | 385.4 | 1.4 | 0.081 | | | | |
| CAOND112989 | 385.4 | 386.5 | 1.1 | 0.040 | | | | |
| CAOND112991 | 386.5 | 388.0 | 1.5 | 0.077 | | | | |
| CAOND112992 | 388.0 | 389.5 | 1.5 | 0.040 | | | | |
| CAOND112993 | 389.5 | 390.5 | 1.0 | 0.132 | | | | |
| CAOND112994 | 390.5 | 392.0 | 1.5 | 0.084 | | | | |
| CAOND112995 | 392.0 | 393.0 | 1.0 | 0.279 | | | | |
| CAOND112996 | 393.0 | 394.0 | 1.0 | 0.284 | | | | |
| CAOND112997 | 394.0 | 395.5 | 1.5 | 0.162 | | | | |
| CAOND112998 | 395.5 | 397.0 | 1.5 | 0.531 | | | | |
| CAOND112999 | 397.0 | 398.5 | 1.5 | 0.305 | | | | |
| CAOND113501 | 398.5 | 400.0 | 1.5 | 1.005 | | | | |
| CAOND113502 | 400.0 | 401.3 | 1.3 | 1.305 | | | | |
| KLUC18-507-LC1 | 401.3 | 401.8 | 0.5 | | | | | |
| CAOND113503 | 401.8 | 403.0 | 1.2 | 0.198 | | | | |
| CAOND113504 | 403.0 | 404.5 | 1.5 | 0.113 | | | | |
| CAOND113505 | 404.5 | 406.0 | 1.5 | 0.188 | | | | |
| CAOND113506 | 406.0 | 407.5 | 1.5 | 0.291 | | | | |
| CAOND113507 | 407.5 | 409.0 | 1.5 | 0.486 | | | | |
| CAOND113508 | 409.0 | 410.5 | 1.5 | 0.351 | | | | |
| CAOND113509 | 410.5 | 412.0 | 1.5 | 0.172 | | | | |
| CAOND113510 | 412.0 | 413.5 | 1.5 | 0.190 | | | | |
| CAOND113511 | 413.5 | 415.0 | 1.5 | 0.345 | | | | |
| CAOND113512 | 415.0 | 416.5 | 1.5 | 0.092 | | | | |
| CAOND113513 | 416.5 | 418.0 | 1.5 | 0.069 | | | | |
| CAOND113514 | 418.0 | 419.5 | 1.5 | 0.046 | | | | |
| CAOND113516 | 419.5 | 421.0 | 1.5 | 0.044 | | | | |
| CAOND113517 | 421.0 | 422.5 | 1.5 | 0.042 | | | | |
| CAOND113518 | 422.5 | 424.0 | 1.5 | 0.047 | | | | |
| CAOND113519 | 424.0 | 425.5 | 1.5 | 0.032 | | | | |
| CAOND113521 | 425.5 | 427.0 | 1.5 | 0.071 | | | | |

**Hole number:** KLUC18-507

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113522 | 427.0 | 428.5 | 1.5 | 0.051 | | | | |
| CAOND113523 | 428.5 | 430.0 | 1.5 | 0.095 | | | | |
| CAOND113524 | 430.0 | 431.5 | 1.5 | 0.160 | | | | |
| CAOND113526 | 431.5 | 433.0 | 1.5 | 0.160 | | | | |
| CAOND113527 | 433.0 | 434.5 | 1.5 | 0.091 | | | | |
| CAOND113528 | 434.5 | 436.0 | 1.5 | 0.009 | | | | |
| CAOND113529 | 436.0 | 437.0 | 1.0 | 0.068 | | | | |
| CAOND113531 | 437.0 | 438.0 | 1.0 | 0.205 | | | | |

**Major:** **From:** 438.00 **To:** 489.00 V8mt, Trachyte mafic tuff

Composition: Dark bluish and greenish grey, with creamy beige and pink patches, moderate to strongly deformed; V8mt - Trachyte mafic tuff Magnetism: Moderately magnetic Veinning: 5% creamy white qtz veinning, deformed and slightly wavy but dominantly parallel to deformation. Gradual introduction of 10-15% irregular, chaotic, whispy pink calcite veinning Structure: Moderate to strongly deformed with moderate foliation at 40-50 TCA Alteration: Moderate patchy chlorite, moderate spotted dolomite and albite? and weak spotty sericite alteration. Gradual intruduction of moderate chaotic patches of calcite alteration Mineralization: 1-2% very fine grained Py mineralization Lower Contact: Gradational, contact placed where textures are less foliated and more massive

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

479.00 - 481.00: PYR, DIS, 5.00, -, -, 5% fine grained disseminated PY mineralization

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

455.00 - 489.00: CAL+, PAT, MOD, -, -, Moderate pink calcite alteration occuring as irregular and chaotic patches

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

438.00 - 489.00: DFZ, 40.00, MOD, Moderate to strong deformation with moderate preferential alignment at 40-50 TCA

438.00 - 489.00: FOL, 40.00, MOD, Moderate foliation at 40-50 TCA

**VEIN**

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS

438.00 - 445.00: QTZ, 5.00, -, -, CAO, GRY_00025, PYR, 1.00, 5% deformed and slightly folded creamy white qtz veinning, dominantly mm scale to 0.5 cm thick with minor veins up to 5cm thick, dominantly parallel to deformation at 40-50 TCA 1% Py mineralization diss. in margins

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113532 | 438.0 | 439.5 | 1.5 | 0.034 | | | | |
| CAOND113533 | 439.5 | 441.0 | 1.5 | 0.014 | | | | |
| CAOND113534 | 441.0 | 442.5 | 1.5 | 0.028 | | | | |
| CAOND113535 | 442.5 | 443.9 | 1.4 | 0.054 | | | | |
| CAOND113536 | 443.9 | 445.0 | 1.1 | 0.026 | | | | |
| CAOND113537 | 445.0 | 446.5 | 1.5 | 0.021 | | | | |
| CAOND113538 | 446.5 | 448.0 | 1.5 | 0.014 | | | | |
| CAOND113539 | 448.0 | 449.5 | 1.5 | 0.008 | | | | |
| CAOND113540 | 449.5 | 451.0 | 1.5 | 0.003 | | | | |
| CAOND113541 | 451.0 | 452.5 | 1.5 | 0.003 | | | | |
| CAOND113542 | 452.5 | 454.0 | 1.5 | 0.003 | | | | |
| CAOND113543 | 454.0 | 455.5 | 1.5 | 0.003 | | | | |
| CAOND113544 | 455.5 | 457.0 | 1.5 | 0.003 | | | | |
| CAOND113546 | 457.0 | 458.5 | 1.5 | 0.006 | | | | |
| CAOND113547 | 458.5 | 460.0 | 1.5 | 0.008 | | | | |
| CAOND113548 | 460.0 | 461.5 | 1.5 | 0.007 | | | | |
| CAOND113549 | 461.5 | 463.0 | 1.5 | 0.003 | | | | |
| CAOND113551 | 463.0 | 464.5 | 1.5 | 0.003 | | | | |
| CAOND113552 | 464.5 | 466.0 | 1.5 | 0.006 | | | | |
| CAOND113553 | 466.0 | 467.5 | 1.5 | 0.009 | | | | |
| CAOND113554 | 467.5 | 469.0 | 1.5 | 0.009 | | | | |
| CAOND113555 | 469.0 | 470.5 | 1.5 | 0.003 | | | | |
| CAOND113556 | 470.5 | 472.0 | 1.5 | 0.003 | | | | |
| CAOND113557 | 472.0 | 473.5 | 1.5 | 0.006 | | | | |

**Hole number:** KLUC18-507

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113558 | 473.5 | 475.0 | 1.5 | 0.006 | | | | |
| CAOND113559 | 475.0 | 476.5 | 1.5 | 0.003 | | | | |
| CAOND113561 | 476.5 | 478.0 | 1.5 | 0.006 | | | | |
| CAOND113562 | 478.0 | 479.5 | 1.5 | 0.003 | | | | |
| CAOND113563 | 479.5 | 481.0 | 1.5 | 0.096 | | | | |
| CAOND113564 | 481.0 | 482.5 | 1.5 | 0.003 | | | | |
| CAOND113565 | 482.5 | 484.0 | 1.5 | 0.007 | | | | |
| CAOND113566 | 484.0 | 485.5 | 1.5 | 0.011 | | | | |
| CAOND113567 | 485.5 | 487.0 | 1.5 | 0.010 | | | | |
| CAOND113568 | 487.0 | 488.0 | 1.0 | 0.018 | | | | |
| CAOND113569 | 488.0 | 489.0 | 1.0 | 0.323 | | | | |

**Major:** **From:** 489.00 **To:** 552.00 V8m, Trachyte mafic

Composition: Various shades of greeen with patches of medium reddish brown, medium grained, relavatively massive and undeformed; V8m - Mafic trachyte Magnetism: Moderate to strongly magnetic Veinning: 2% chaotic milky white qtz-cal veinning less than 1cm thick. 2-3 and 5-10% chaotic, whispy pink and white calcite veinning Structure: Alternating intervals of massive undeformed to weakly deformed with weak foliation at 40-50 TCA and moderate to strongly deformed with moderate foliation at 40-50 TCA Alteration: Microfracture controlled moderate Ep, Hem and Cal alteration at beginning of unit. Weak pervasive chl and moderate patchy calcite alteration commonly observed throughout Mineralization: Rare clusters of trace to 1% fine grained disseminateded Py mineralization, 1-2% fine grained disseminated Py occuring in deformed interval Lower Contact: Not reached

**MINOR INTERVAL**

522.10 - 524.80: I2DComposition: Dark pinkish brown, fine grained and massive; I2D - Syenite Magnetism: Non magnetic Veinning: 1% mm scale qtz-cal veinning with no preferred orientation Structure: Undeformed with minor heald microfractures Alteration: Weak spotted calcite alteration Mineralization: 2-3% very fine grained disseminated Py mineralization Contacts: Sharp and straight oriented at 45 TCA

**MINOR INTERVAL**

526.80 - 527.30: I2DComposition: Dark reddish brown, fine grained and massive; I2D - Syenite Magnetism: Non magnetic Veinning: 1% mm scale qtz-cal veinning with no preferred orientation Structure: Undeformed with minor heald microfractures Alteration: Weak spotted calcite alteration Mineralization: 5% very fine grained disseminated Py mineralization Contacts: Sharp and straight oriented at 45 TCA

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

522.10 - 543.00: PYR, DIS, 2.00, -, -, 1-2% very fine to fine grained Py mineralization disseminated throughout a mafic trachyte. Locally increasing to 3-5% within moderately deformed intervals and minor syenite

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113571 | 489.0 | 490.5 | 1.5 | 0.111 | | | | |
| CAOND113572 | 490.5 | 492.0 | 1.5 | 0.012 | | | | |
| CAOND113573 | 492.0 | 493.5 | 1.5 | 0.003 | | | | |
| CAOND113574 | 493.5 | 495.0 | 1.5 | 0.013 | | | | |
| CAOND113576 | 495.0 | 496.5 | 1.5 | 0.003 | | | | |
| CAOND113577 | 496.5 | 497.5 | 1.0 | 0.003 | | | | |
| CAOND113578 | 497.5 | 499.0 | 1.5 | 0.003 | | | | |
| CAOND113579 | 499.0 | 500.5 | 1.5 | 0.003 | | | | |
| CAOND113581 | 500.5 | 502.0 | 1.5 | 0.003 | | | | |
| CAOND113582 | 502.0 | 503.5 | 1.5 | 0.003 | | | | |
| CAOND113583 | 503.5 | 505.0 | 1.5 | 0.003 | | | | |
| CAOND113584 | 505.0 | 506.0 | 1.0 | 0.003 | | | | |
| CAOND113585 | 506.0 | 507.0 | 1.0 | 0.007 | | | | |
| CAOND113586 | 507.0 | 508.5 | 1.5 | 0.015 | | | | |
| CAOND113587 | 508.5 | 510.0 | 1.5 | 0.019 | | | | |
| CAOND113588 | 510.0 | 511.5 | 1.5 | 0.017 | | | | |
| CAOND113589 | 511.5 | 513.0 | 1.5 | 0.013 | | | | |
| CAOND113591 | 513.0 | 514.5 | 1.5 | 0.009 | | | | |
| CAOND113592 | 514.5 | 516.0 | 1.5 | 0.012 | | | | |
| CAOND113593 | 516.0 | 517.5 | 1.5 | 0.017 | | | | |
| CAOND113594 | 517.5 | 519.0 | 1.5 | 0.018 | | | | |

**Hole number:** KLUC18-507

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

507.00 - 514.00: FOL, 40.00, WEAK, Weak foliation at 40-50 TCA
514.00 - 522.10: FOL, 40.00, MOD, Moderate foliation at 40-50 TCA
522.10 - 528.00: FOL, 40.00, WEAK, Weak foliation oriented at 40-50 TCA
528.00 - 543.00: FOL, 40.00, MOD, Moderate deformation and foliation oriented at 40-50 TCA

**VEIN**

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS

534.00 - 537.00: QTZ, 3.00, -, -, -, -, PYR, 2.00, 3% pale grey with reddish patches qtz-cal-hem veinning, 1-2cm thick and dominantly trending parallel to deformation, 1-2% f.gr. diss. PY in margins
538.00 - 539.00: QTZ, 2.00, -, -, -, GRY_00025, PYR, 3.00, 2% pale grey with reddish patches qtz-cal-hem veinning, 2cm thick and parallel to deformation, 2-3% f.gr. diss. Py in margins

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113595 | 519.0 | 520.0 | 1.0 | 0.014 | | | | |
| CAOND113596 | 520.0 | 521.0 | 1.0 | 0.025 | | | | |
| CAOND113597 | 521.0 | 522.1 | 1.1 | 0.031 | | | | |
| CAOND113598 | 522.1 | 523.5 | 1.4 | 0.135 | | | | |
| CAOND113599 | 523.5 | 524.8 | 1.3 | 0.239 | | | | |
| CAOND113601 | 524.8 | 525.8 | 1.0 | 0.006 | | | | |
| CAOND113602 | 525.8 | 526.8 | 1.0 | 0.025 | | | | |
| CAOND113603 | 526.8 | 527.8 | 1.0 | 0.009 | | | | |
| CAOND113604 | 527.8 | 528.5 | 0.7 | 0.017 | | | | |
| CAOND113605 | 528.5 | 530.0 | 1.5 | 0.638 | | | | |
| CAOND113606 | 530.0 | 531.5 | 1.5 | 0.228 | | | | |
| CAOND113607 | 531.5 | 533.0 | 1.5 | 0.078 | | | | |
| CAOND113608 | 533.0 | 534.0 | 1.0 | 0.026 | | | | |
| CAOND113609 | 534.0 | 535.0 | 1.0 | 0.027 | | | | |
| CAOND113610 | 535.0 | 536.0 | 1.0 | 0.062 | | | | |
| CAOND113611 | 536.0 | 537.5 | 1.5 | 0.055 | | | | |
| CAOND113612 | 537.5 | 539.0 | 1.5 | 0.088 | | | | |
| CAOND113613 | 539.0 | 540.5 | 1.5 | 0.013 | | | | |
| CAOND113614 | 540.5 | 542.0 | 1.5 | 0.031 | | | | |
| CAOND113616 | 542.0 | 543.0 | 1.0 | 0.091 | | | | |
| CAOND113617 | 543.0 | 544.5 | 1.5 | 0.121 | | | | |
| CAOND113618 | 544.5 | 546.0 | 1.5 | 0.362 | | | | |
| CAOND113619 | 546.0 | 547.5 | 1.5 | 0.039 | | | | |
| CAOND113621 | 547.5 | 549.0 | 1.5 | 0.017 | | | | |
| CAOND113622 | 549.0 | 550.5 | 1.5 | 0.006 | | | | |
| CAOND113623 | 550.5 | 552.0 | 1.5 | 0.114 | | | | |

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 19.6 | 21.0 | 86.00 | 100.00 | | | N | |
| 21.0 | 24.0 | 83.00 | 100.00 | | | N | |
| 24.0 | 27.0 | 87.00 | 100.00 | | | N | |
| 27.0 | 30.0 | 70.00 | 100.00 | | | N | |

**Hole number:** KLUC18-507

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 30.0 | 33.0 | 77.00 | 100.00 | | | N | |
| 33.0 | 36.0 | 77.00 | 100.00 | | | N | |
| 36.0 | 39.0 | 93.00 | 100.00 | | | N | |
| 39.0 | 42.0 | 90.00 | 100.00 | | | N | |
| 42.0 | 45.0 | 67.00 | 100.00 | | | N | |
| 45.0 | 48.0 | 83.00 | 100.00 | | | N | |
| 48.0 | 51.0 | 83.00 | 100.00 | | | N | |
| 51.0 | 54.0 | 63.00 | 100.00 | | | N | |
| 54.0 | 57.0 | 93.00 | 100.00 | | | N | |
| 57.0 | 60.0 | 93.00 | 100.00 | | | N | |
| 60.0 | 63.0 | 93.00 | 100.00 | | | N | |
| 63.0 | 66.0 | 92.00 | 100.00 | | | N | |
| 66.0 | 69.0 | 93.00 | 100.00 | | | N | |
| 69.0 | 72.0 | 83.00 | 100.00 | | | N | |
| 72.0 | 75.0 | 72.00 | 100.00 | | | N | |
| 75.0 | 78.0 | 100.00 | 100.00 | | | N | |
| 78.0 | 81.0 | 90.00 | 100.00 | | | N | |
| 81.0 | 84.0 | 90.00 | 100.00 | | | N | |
| 84.0 | 87.0 | 90.00 | 100.00 | | | N | |
| 87.0 | 90.0 | 95.00 | 100.00 | | | N | |
| 90.0 | 93.0 | 98.00 | 100.00 | | | N | |
| 93.0 | 96.0 | 95.00 | 100.00 | | | N | |
| 96.0 | 99.0 | 93.00 | 100.00 | | | N | |
| 99.0 | 102.0 | 77.00 | 100.00 | | | N | |
| 102.0 | 105.0 | 98.00 | 100.00 | | | N | |
| 105.0 | 108.0 | 90.00 | 100.00 | | | N | |
| 108.0 | 111.0 | 97.00 | 100.00 | | | N | |
| 111.0 | 114.0 | 70.00 | 100.00 | | | N | |

**Hole number:** KLUC18-507

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 114.0 | 117.0 | 65.00 | 100.00 | | | N | |
| 117.0 | 120.0 | 90.00 | 100.00 | | | N | |
| 120.0 | 123.0 | 80.00 | 100.00 | | | N | |
| 123.0 | 126.0 | 52.00 | 100.00 | | | N | |
| 126.0 | 129.0 | 93.00 | 100.00 | | | N | |
| 129.0 | 132.0 | 93.00 | 100.00 | | | N | |
| 132.0 | 135.0 | 88.00 | 100.00 | | | N | |
| 135.0 | 138.0 | 88.00 | 100.00 | | | N | |
| 138.0 | 141.0 | 88.00 | 100.00 | | | N | |
| 141.0 | 144.0 | 100.00 | 100.00 | | | N | |
| 144.0 | 147.0 | 100.00 | 100.00 | | | N | |
| 147.0 | 150.0 | 93.00 | 100.00 | | | N | |
| 150.0 | 153.0 | 83.00 | 100.00 | | | N | |
| 153.0 | 156.0 | 83.00 | 100.00 | | | N | |
| 156.0 | 159.0 | 75.00 | 100.00 | | | N | |
| 159.0 | 162.0 | 98.00 | 100.00 | | | N | |
| 162.0 | 165.0 | 83.00 | 100.00 | | | N | |
| 165.0 | 168.0 | 78.00 | 100.00 | | | N | |
| 168.0 | 171.0 | 77.00 | 100.00 | | | N | |
| 171.0 | 174.0 | 100.00 | 100.00 | | | N | |
| 174.0 | 177.0 | 85.00 | 100.00 | | | N | |
| 177.0 | 180.0 | 97.00 | 100.00 | | | N | |
| 180.0 | 183.0 | 88.00 | 100.00 | | | N | |
| 183.0 | 186.0 | 83.00 | 100.00 | | | N | |
| 186.0 | 189.0 | 100.00 | 100.00 | | | N | |
| 189.0 | 192.0 | 98.00 | 100.00 | | | N | |
| 192.0 | 195.0 | 98.00 | 100.00 | | | N | |
| 195.0 | 198.0 | 98.00 | 100.00 | | | N | |

**Hole number:** KLUC18-507

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 198.0 | 201.0 | 100.00 | 100.00 | | | N | |
| 201.0 | 204.0 | 87.00 | 100.00 | | | N | |
| 204.0 | 207.0 | 93.00 | 100.00 | | | N | |
| 207.0 | 210.0 | 90.00 | 100.00 | | | N | |
| 210.0 | 213.0 | 97.00 | 100.00 | | | N | |
| 213.0 | 216.0 | 90.00 | 100.00 | | | N | |
| 216.0 | 219.0 | 90.00 | 100.00 | | | N | |
| 219.0 | 222.0 | 100.00 | 100.00 | | | N | |
| 222.0 | 225.0 | 100.00 | 100.00 | | | N | |
| 225.0 | 228.0 | 97.00 | 100.00 | | | N | |
| 228.0 | 231.0 | 97.00 | 100.00 | | | N | |
| 231.0 | 234.0 | 88.00 | 100.00 | | | N | |
| 234.0 | 237.0 | 97.00 | 100.00 | | | N | |
| 237.0 | 240.0 | 97.00 | 100.00 | | | N | |
| 240.0 | 243.0 | 95.00 | 100.00 | | | N | |
| 243.0 | 246.0 | 80.00 | 100.00 | | | N | |
| 246.0 | 249.0 | 93.00 | 100.00 | | | N | |
| 249.0 | 252.0 | 93.00 | 100.00 | | | N | |
| 252.0 | 255.0 | 97.00 | 100.00 | | | N | |
| 255.0 | 258.0 | 100.00 | 100.00 | | | N | |
| 258.0 | 261.0 | 73.00 | 100.00 | | | N | |
| 261.0 | 264.0 | 97.00 | 100.00 | | | N | |
| 264.0 | 267.0 | 90.00 | 100.00 | | | N | |
| 267.0 | 270.0 | 92.00 | 100.00 | | | N | |
| 270.0 | 273.0 | 73.00 | 100.00 | | | N | |
| 273.0 | 276.0 | 95.00 | 100.00 | | | N | |
| 276.0 | 279.0 | 83.00 | 100.00 | | | N | |
| 279.0 | 282.0 | 97.00 | 100.00 | | | N | |

**Hole number:** KLUC18-507

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 282.0 | 285.0 | 95.00 | 100.00 | | | N | |
| 285.0 | 288.0 | 83.00 | 100.00 | | | N | |
| 288.0 | 291.0 | 97.00 | 100.00 | | | N | |
| 291.0 | 294.0 | 73.00 | 100.00 | | | N | |
| 294.0 | 297.0 | 70.00 | 100.00 | | | N | |
| 297.0 | 300.0 | 77.00 | 100.00 | | | N | |
| 300.0 | 303.0 | 93.00 | 100.00 | | | N | |
| 303.0 | 306.0 | 77.00 | 100.00 | | | N | |
| 306.0 | 309.0 | 97.00 | 100.00 | | | N | |
| 309.0 | 312.0 | 93.00 | 100.00 | | | N | |
| 312.0 | 315.0 | 93.00 | 100.00 | | | N | |
| 315.0 | 318.0 | 78.00 | 100.00 | | | N | |
| 318.0 | 321.0 | 93.00 | 100.00 | | | N | |
| 321.0 | 324.0 | 100.00 | 100.00 | | | N | |
| 324.0 | 327.0 | 90.00 | 100.00 | | | N | |
| 327.0 | 330.0 | 83.00 | 100.00 | | | N | |
| 330.0 | 333.0 | 93.00 | 100.00 | | | N | |
| 333.0 | 336.0 | 97.00 | 100.00 | | | N | |
| 336.0 | 339.0 | 100.00 | 100.00 | | | N | |
| 339.0 | 342.0 | 88.00 | 100.00 | | | N | |
| 342.0 | 345.0 | 95.00 | 100.00 | | | N | |
| 345.0 | 348.0 | 90.00 | 100.00 | | | N | |
| 348.0 | 351.0 | 97.00 | 100.00 | | | N | |
| 351.0 | 354.0 | 92.00 | 100.00 | | | N | |
| 354.0 | 357.0 | 65.00 | 100.00 | | | N | |
| 357.0 | 360.0 | 98.00 | 100.00 | | | N | |
| 360.0 | 363.0 | 100.00 | 100.00 | | | N | |
| 363.0 | 366.0 | 98.00 | 100.00 | | | N | |

**Hole number: KLUC18-507**

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 366.0 | 369.0 | 98.00 | 100.00 | | | N | |
| 369.0 | 372.0 | 98.00 | 100.00 | | | N | |
| 372.0 | 375.0 | 100.00 | 100.00 | | | N | |
| 375.0 | 378.0 | 100.00 | 100.00 | | | N | |
| 378.0 | 381.0 | 98.00 | 100.00 | | | N | |
| 381.0 | 384.0 | 98.00 | 100.00 | | | N | |
| 384.0 | 387.0 | 95.00 | 100.00 | | | N | |
| 387.0 | 390.0 | 98.00 | 100.00 | | | N | |
| 390.0 | 393.0 | 100.00 | 100.00 | | | N | |
| 393.0 | 396.0 | 97.00 | 100.00 | | | N | |
| 396.0 | 399.0 | 98.00 | 100.00 | | | N | |
| 399.0 | 402.0 | 57.00 | 83.00 | | | N | |
| 402.0 | 405.0 | 95.00 | 100.00 | | | N | |
| 405.0 | 408.0 | 100.00 | 100.00 | | | N | |
| 408.0 | 411.0 | 100.00 | 100.00 | | | N | |
| 411.0 | 414.0 | 95.00 | 100.00 | | | N | |
| 414.0 | 417.0 | 98.00 | 100.00 | | | N | |
| 417.0 | 420.0 | 100.00 | 100.00 | | | N | |
| 420.0 | 423.0 | 100.00 | 100.00 | | | N | |
| 423.0 | 426.0 | 100.00 | 100.00 | | | N | |
| 426.0 | 429.0 | 100.00 | 100.00 | | | N | |
| 429.0 | 432.0 | 98.00 | 100.00 | | | N | |
| 432.0 | 435.0 | 98.00 | 100.00 | | | N | |
| 435.0 | 438.0 | 100.00 | 100.00 | | | N | |
| 438.0 | 441.0 | 98.00 | 100.00 | | | N | |
| 441.0 | 444.0 | 97.00 | 100.00 | | | N | |
| 444.0 | 447.0 | 95.00 | 100.00 | | | N | |
| 447.0 | 450.0 | 95.00 | 100.00 | | | N | |

**Hole number:** KLUC18-507

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 450.0 | 453.0 | 100.00 | 100.00 | | | N | |
| 453.0 | 456.0 | 85.00 | 100.00 | | | N | |
| 456.0 | 459.0 | 63.00 | 100.00 | | | N | |
| 459.0 | 462.0 | 100.00 | 100.00 | | | N | |
| 462.0 | 465.0 | 97.00 | 100.00 | | | N | |
| 465.0 | 468.0 | 95.00 | 100.00 | | | N | |
| 468.0 | 471.0 | 93.00 | 100.00 | | | N | |
| 471.0 | 474.0 | 98.00 | 100.00 | | | N | |
| 474.0 | 477.0 | 97.00 | 100.00 | | | N | |
| 477.0 | 480.0 | 93.00 | 100.00 | | | N | |
| 480.0 | 483.0 | 97.00 | 100.00 | | | N | |
| 483.0 | 486.0 | 90.00 | 100.00 | | | N | |
| 486.0 | 489.0 | 92.00 | 100.00 | | | N | |
| 489.0 | 492.0 | 98.00 | 100.00 | | | N | |
| 492.0 | 495.0 | 93.00 | 100.00 | | | N | |
| 495.0 | 498.0 | 72.00 | 100.00 | | | N | |
| 498.0 | 501.0 | 90.00 | 100.00 | | | N | |
| 501.0 | 504.0 | 100.00 | 100.00 | | | N | |
| 504.0 | 507.0 | 90.00 | 100.00 | | | N | |
| 507.0 | 510.0 | 97.00 | 100.00 | | | N | |
| 510.0 | 513.0 | 92.00 | 100.00 | | | N | |
| 513.0 | 516.0 | 100.00 | 100.00 | | | N | |
| 516.0 | 519.0 | 100.00 | 100.00 | | | N | |

AGNICO EAGLE

# DRILL HOLE REPORT

## EXPLORATION CANADA ONTARIO

**Hole number:** KLUC18-508 **Project Number:** U_Canada **Project name:** Upper Canada

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Historic hole number:** | | **Collar survey:** | Y | **From:** | 0.0 | **Coordinates:** | P |
| **System:** | METRIC | **Verified:** | Y | **To:** | 252.0 | **Grid:** | UTM83-17_CSRS-2010: |
| **Target:** | | **Gas:** | N | **Depth:** | 252.0 | **North:** | 5,333,202.28 |
| **No. Claim:** | PAT-18825 | **Multishot survey:** | N | **Location:** | Surface | **East:** | 585,899.58 |
| **Year:** | 2 018 | **Is making water:** | N | **Core storage:** | All sent for assay | **Elevation:** | 347.14 |
| **Date started:** | 9/10/2018 | **Object in hole:** | N | **Contractor:** | Asinii Drilling | **Collar dip:** | -58.66 |
| **Date logged:** | 2018-09-10 | **Pulse EM survey:** | N | **Logged by:** | Monica Oosterman | **Collar azimuth:** | 165.93 |
| **Date completed:** | 9/19/2018 | **Plugged:** | N | | | | |
| **Core size:** | NQ | **Cemented:** | N | **Signature:** | | | |
| **Hole type:** | DDH | **Branch:** | | | | | |
| **Casing:** | Left in Hole, capped | **Reserve:** | | | | | |
| **Logging status:** | Signed | | | | | | |
| **Rig number:** | 0105 | | | | | | |

**Additional sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** no significant assays

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 165.93 | -58.66 | S | O | |
| 39.0 | 169.08 | -59.70 | DS | O | 54909 |
| 120.0 | 165.67 | -59.19 | DS | O | 54704 |
| 210.0 | 169.42 | -58.55 | DS | O | 55446 |
| 9.0 | 167.60 | -59.97 | DS | O | 55411 |
| 69.0 | 166.76 | -59.49 | DS | O | 54822 |
| 150.0 | 166.97 | -59.10 | DS | O | 55296 |

| Certificate |
|---|
| TM18253764 |
| TM18254065 |
| TM18259592 |
| TM18259607 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505D18-010 | Excaon1 | CAOND113082 - CAOND113312<br>CAOND113422 - CAOND113430<br>CAOND114564 - CAOND114743<br>CAOND115196 - CAOND115291<br>KLUC18-506_001 |
| CXE5505D18-011 | Excaon1 | CAOND113313 - CAOND113421<br>CAOND113431 - CAOND113500<br>CAOND114001 - CAOND114088<br>CAOND114744 - CAOND114943 |
| CXE5505D18WRA-003 | Excaon2-WRA | CAOND113297 |

| Sample number | Standard |
|---|---|
| CAOND113230 | CDN-GS-5U-AEM |
| CAOND113245 | CDN-CM-28-AEM |
| CAOND113260 | CDN-CM-24-AEM |
| CAOND113270 | BLANK-DB |
| CAOND113275 | CDN-GS-5U-AEM |
| CAOND113290 | CDN-CM-28-AEM |
| CAOND113315 | CDN-CM-24-AEM |
| CAOND113320 | BLANK-DB |

**Hole number:** KLUC18-508

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND115227 |
| CXE5505D18WRA-004 | Excaon2-WRA | CAOND113396 |
| CXE5505D19-050 | Excaon1 | CAOND113049 |
| | | CAOND113091 |
| | | CAOND113123 |
| | | CAOND113154 |
| | | CAOND113162 |
| | | CAOND113177 |
| | | CAOND113224 |
| | | CAOND113243 |
| | | CAOND113262 |
| | | CAOND113282 |
| | | CAOND113289 |
| | | CAOND113308 |
| | | CAOND113327 |
| | | CAOND113357 |
| | | CAOND113393 |
| | | CAOND113410 |
| | | CAOND113426 |
| | | CAOND113444 - CAOND113445 |
| | | CAOND113461 |
| | | CAOND113488 |
| | | CAOND113498 |
| | | CAOND113505 |
| | | CAOND113512 |
| | | CAOND113528 |
| | | CAOND113540 |
| | | CAOND113557 |
| | | CAOND113572 |
| | | CAOND113605 - CAOND113606 |
| | | CAOND113641 |
| | | CAOND113796 |
| | | CAOND113816 |
| | | CAOND113821 |
| | | CAOND113828 |
| | | CAOND113831 |
| | | CAOND113836 |
| | | CAOND113855 |
| | | CAOND113894 |
| | | CAOND113942 |
| | | CAOND113964 |
| | | CAOND113974 |

| Sample number | Standard |
|---|---|
| CAOND113330 | CDN-GS-5U-AEM |
| CAOND113345 | CDN-CM-28-AEM |
| CAOND113360 | CDN-CM-24-AEM |
| CAOND113370 | BLANK-DB |
| CAOND113375 | CDN-GS-5U-AEM |
| CAOND113390 | CDN-CM-28-AEM |
| CAOND113415 | CDN-CM-24-AEM |
| CAOND113420 | BLANK-DB |

**Hole number:** KLUC18-508

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND113978 |
| | | CAOND114017 |
| | | CAOND114032 |
| | | CAOND114049 |
| | | CAOND114077 |
| | | CAOND114145 |
| | | CAOND114152 |
| | | CAOND114154 |
| | | CAOND114517 |
| | | CAOND114524 |
| | | CAOND114534 |
| | | CAOND114553 |
| | | CAOND114589 |
| | | CAOND114606 |
| | | CAOND114608 |
| | | CAOND114635 |
| | | CAOND114658 - CAOND114659 |
| | | CAOND114683 |
| | | CAOND114701 |
| | | CAOND114708 |
| | | CAOND114719 - CAOND114720 |
| | | CAOND114740 |
| | | CAOND114753 |
| | | CAOND114774 |
| | | CAOND114803 |
| | | CAOND114823 |
| | | CAOND114852 |
| | | CAOND114855 |
| | | CAOND114859 |
| | | CAOND114896 |
| | | CAOND114908 |
| | | CAOND114911 |
| | | CAOND114914 |
| | | CAOND114926 |
| | | CAOND115001 |
| | | CAOND115013 |
| | | CAOND115019 |
| | | CAOND115040 |
| | | CAOND115062 |
| | | CAOND115072 - CAOND115073 |
| | | CAOND115077 |
| | | CAOND115212 |
| | | CAOND115272 - CAOND115273 |

**Hole number:** KLUC18-508

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND115316 |
| | | CAOND115322 |
| | | CAOND115370 - CAOND115371 |
| | | CAOND115411 |
| | | CAOND115418 |
| | | CAOND115442 |
| | | CAOND115472 |
| | | CAOND115497 |
| | | CAOND115509 - CAOND115510 |
| | | CAOND115512 |
| | | CAOND115531 |
| | | CAOND115542 |
| | | CAOND115546 |
| | | CAOND115562 |
| | | CAOND115591 |
| | | CAOND115595 - CAOND115596 |
| | | CAOND115607 - CAOND115609 |
| | | CAOND115611 |
| | | CAOND115620 |
| | | CAOND115640 |
| | | CAOND115655 |
| | | CAOND115659 |
| | | CAOND115718 |
| | | CAOND115732 - CAOND115733 |
| | | CAOND115740 |
| | | CAOND115748 |
| | | CAOND115769 |
| | | CAOND115778 |
| | | CAOND115785 |
| | | CAOND115812 |
| | | CAOND115827 |
| | | CAOND115905 |
| | | CAOND115911 |

*The sample list may content samples from other holes

**Major:** **From:** 0.00 **To:** 0.50 OVB, Overburden

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

.39, .50, MAG, DIS, 5.00, RED_00001, FGR, -

**Major:** **From:** 0.50 **To:** 192.40 I2D, Syénite

Syenite -Light pink salmon coloured, fine grained, massive to porphyrtic, Strongly magnetic to

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113224 | 0.5 | 2.0 | 1.5 | 0.003 | | | | |

**Hole number:** KLUC18-508

non-magnetic, dark black angular xenoliths from sporadically throughout. Unit contains laths of feldspar and round grains (quartrz???). Chorite infilled fractures seen froming at ~30 degrees, in places the fracturing is more intense giving the unit a autobrecciation appearance. Very minimal calcite seem as mm wisps. Disseminated pyrite forms from 187.5-192.4m, 0.3% very fine grained disseminated
51-192.4m weakly to non magentic syenite, slightly more bleached in appearance. Possible ankerite and sercitite alteration but does not turn blue with KFC.

**TEXTURE**

TYPE/COLOR/GRAIN_SIZE/COMMENTS

18.00, 25.00, POR, -, FGR, 0.3cm wide phenocrysts
74.80, 78.20, MAS, -, FGR, Grain size reduction
80.50, 80.70, MAS, -, MGR, Massive medium grained with fine grained blotches up to 3cm wide

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

189.00, 192.40, PYR, DIS, .30, -, VFG, Fine grained disseminated sulphlide in altered syentite.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

51.00, 69.00, SER+, PEN, MOD, GRY2_BASIC, VFG, -, Light gray discolouration rock is blotchy in some places. Can make out phenocrysts still in places and some places.
117.40, 119.00, HEM+, PEN, STRONG, RED2_BASIC, FGR, -, -
119.00, 143.00, SER+, PEN, WEAK, GRY2_BASIC, VFG, -, Light gray and salmon pink colour
143.00, 162.70, SER+, PEN, MOD, GRY2_BASIC, VFG, -, light gray
185.00, 192.40, SER+, PEN, MOD, GRN2_BASIC, VFG, -, light green sercite, might run, increase in sulphides to 0.3%

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

.50, 5.00, BRC, MOD, -, -, -, -, clast supported breccia angular clasts of syentite with patchy dark gray alteration.
6.50, 7.00, BRC, WEAK, 55.00, -, -, -, autobreccia
9.30, 9.60, BRC, WEAK, 50.00, -, -, -, Autobreccia
15.70, 16.00, BRC, WEAK, 50.00, -, -, -, autobreccia
20.70, 20.90, BRC, WEAK, 50.00, -, -, -, autobreccia
86.70, 87.00, BRF, WEAK, 50.00, -, -, -, autobreccia
89.50, 90.05, FOL, WEAK, 30.00, -, -, -, foliation above stringers
99.70, 100.25, BRC, WEAK, -, -, -, -, autobreccia
103.80, 108.00, BRC, WEAK, 20.00, -, -, -, autobreccia
118.60, 118.90, BRR, WEAK, -, -, -, -, -
147.75, 149.00, BRC, WEAK, -, -, -, -, autobreccia
151.90, 152.30, SHR, WEAK, 50.00, -, -, -, Foliation forms, minor irregular quartz stringers which are discontinous. no visible sulphide.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113251 | 2.0 | 3.5 | 1.5 | 0.003 | | | | |
| CAOND113252 | 3.5 | 5.0 | 1.5 | 0.003 | | | | |
| CAOND113253 | 5.0 | 6.5 | 1.5 | 0.003 | | | | |
| CAOND113254 | 6.5 | 8.0 | 1.5 | 0.003 | | | | |
| CAOND113255 | 8.0 | 9.5 | 1.5 | 0.003 | | | | |
| CAOND113256 | 9.5 | 11.0 | 1.5 | 0.003 | | | | |
| CAOND113257 | 11.0 | 12.5 | 1.5 | 0.003 | | | | |
| CAOND113258 | 12.5 | 14.0 | 1.5 | 0.003 | | | | |
| CAOND113259 | 14.0 | 15.5 | 1.5 | 0.003 | | | | |
| CAOND113261 | 15.5 | 17.0 | 1.5 | 0.003 | | | | |
| CAOND113262 | 17.0 | 18.5 | 1.5 | 0.003 | | | | |
| CAOND113263 | 18.5 | 20.0 | 1.5 | 0.003 | | | | |
| CAOND113264 | 20.0 | 21.5 | 1.5 | 0.003 | | | | |
| CAOND113265 | 21.5 | 23.0 | 1.5 | 0.003 | | | | |
| CAOND113266 | 23.0 | 24.5 | 1.5 | 0.003 | | | | |
| CAOND113267 | 24.5 | 26.0 | 1.5 | 0.003 | | | | |
| CAOND113268 | 26.0 | 27.5 | 1.5 | 0.003 | | | | |
| CAOND113269 | 27.5 | 29.0 | 1.5 | 0.003 | | | | |
| CAOND113271 | 29.0 | 30.5 | 1.5 | 0.003 | | | | |
| CAOND113272 | 30.5 | 32.0 | 1.5 | 0.003 | | | | |
| CAOND113273 | 32.0 | 33.5 | 1.5 | 0.003 | | | | |
| CAOND113274 | 33.5 | 35.0 | 1.5 | 0.003 | | | | |
| CAOND113226 | 35.0 | 36.5 | 1.5 | 0.003 | | | | |
| CAOND113227 | 36.5 | 38.0 | 1.5 | 0.003 | | | | |
| CAOND113228 | 38.0 | 39.5 | 1.5 | 0.003 | | | | |
| CAOND113229 | 39.5 | 41.0 | 1.5 | 0.003 | | | | |
| CAOND113231 | 41.0 | 42.5 | 1.5 | 0.003 | | | | |
| CAOND113232 | 42.5 | 44.0 | 1.5 | 0.003 | | | | |
| CAOND113233 | 44.0 | 45.5 | 1.5 | 0.003 | | | | |
| CAOND113234 | 45.5 | 47.0 | 1.5 | 0.003 | | | | |
| CAOND113235 | 47.0 | 48.5 | 1.5 | 0.003 | | | | |
| CAOND113236 | 48.5 | 50.0 | 1.5 | 0.003 | | | | |
| CAOND113237 | 50.0 | 51.5 | 1.5 | 0.003 | | | | |

**Hole number:** KLUC18-508

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

90.00, 90.05, QTZ, 5.00, 30.00, -, -, -, GRY2_BASIC, 1.00, MAS, -, -, silicous band in foliated unit.
125.50, 125.60, QTZ, .40, 50.00, -, -, -, GRY_00025, .30, ANA, -, -, Discontinous lozonges of quartz aligned at 50 degrees, strong potassic alt rim 0.5cm wide
151.90, 152.30, QtzAlb, -, -, -, -, -, GRY_00025, .20, DFM, -, -, one wavy irregular quartz vein noted in foliated (sheared syentite)

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

.50, 51.00, MAG, DIS, 5.00, RED_00001, FGR, -
69.00, 153.00, MAG, DIS, 1.00, RED_00001, FGR, -
162.70, 185.00, MAG, DIS, 1.00, RED_00001, VFG, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113238 | 51.5 | 53.0 | 1.5 | 0.003 | | | | |
| CAOND113239 | 53.0 | 54.5 | 1.5 | 0.003 | | | | |
| CAOND113240 | 54.5 | 56.0 | 1.5 | 0.003 | | | | |
| CAOND113241 | 56.0 | 57.5 | 1.5 | 0.003 | | | | |
| CAOND113242 | 57.5 | 59.0 | 1.5 | 0.003 | | | | |
| CAOND113243 | 59.0 | 60.5 | 1.5 | 0.003 | | | | |
| CAOND113244 | 60.5 | 62.0 | 1.5 | 0.003 | | | | |
| CAOND113246 | 62.0 | 63.5 | 1.5 | 0.003 | | | | |
| CAOND113247 | 63.5 | 65.0 | 1.5 | 0.003 | | | | |
| CAOND113248 | 65.0 | 66.5 | 1.5 | 0.003 | | | | |
| CAOND113249 | 66.5 | 68.0 | 1.5 | 0.003 | | | | |
| CAOND113276 | 68.0 | 69.5 | 1.5 | 0.003 | | | | |
| CAOND113277 | 69.5 | 71.0 | 1.5 | 0.003 | | | | |
| CAOND113278 | 71.0 | 72.5 | 1.5 | 0.003 | | | | |
| CAOND113279 | 72.5 | 74.0 | 1.5 | 0.003 | | | | |
| CAOND113281 | 74.0 | 75.5 | 1.5 | 0.003 | | | | |
| CAOND113282 | 75.5 | 77.0 | 1.5 | 0.003 | | | | |
| CAOND113283 | 77.0 | 78.5 | 1.5 | 0.003 | | | | |
| CAOND113284 | 78.5 | 80.0 | 1.5 | 0.003 | | | | |
| CAOND113285 | 80.0 | 81.5 | 1.5 | 0.003 | | | | |
| CAOND113286 | 81.5 | 83.0 | 1.5 | 0.003 | | | | |
| CAOND113287 | 83.0 | 84.5 | 1.5 | 0.003 | | | | |
| CAOND113288 | 84.5 | 86.0 | 1.5 | 0.007 | | | | |
| CAOND113289 | 86.0 | 87.5 | 1.5 | 0.003 | | | | |
| CAOND113291 | 87.5 | 89.0 | 1.5 | 0.003 | | | | |
| CAOND113292 | 89.0 | 90.5 | 1.5 | 0.003 | | | | |
| CAOND113293 | 90.5 | 92.0 | 1.5 | 0.003 | | | | |
| CAOND113294 | 92.0 | 93.5 | 1.5 | 0.003 | | | | |
| CAOND113295 | 93.5 | 95.0 | 1.5 | 0.003 | | | | |
| CAOND113296 | 95.0 | 96.5 | 1.5 | 0.003 | | | | |
| CAOND113297 | 96.5 | 98.0 | 1.5 | 0.003 | 0.250 | 18 | 60 | |
| CAOND113298 | 98.0 | 99.5 | 1.5 | 0.003 | | | | |
| CAOND113299 | 99.5 | 101.0 | 1.5 | 0.003 | | | | |

**Hole number:** KLUC18-508

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113301 | 101.0 | 102.5 | 1.5 | 0.003 | | | | |
| CAOND113302 | 102.5 | 104.0 | 1.5 | 0.003 | | | | |
| CAOND113303 | 104.0 | 105.5 | 1.5 | 0.003 | | | | |
| CAOND113304 | 105.5 | 107.0 | 1.5 | 0.003 | | | | |
| CAOND113305 | 107.0 | 108.5 | 1.5 | 0.003 | | | | |
| CAOND113306 | 108.5 | 110.0 | 1.5 | 0.003 | | | | |
| CAOND113307 | 110.0 | 111.5 | 1.5 | 0.003 | | | | |
| CAOND113308 | 111.5 | 113.0 | 1.5 | 0.003 | | | | |
| CAOND113309 | 113.0 | 114.5 | 1.5 | 0.003 | | | | |
| CAOND113310 | 114.5 | 116.0 | 1.5 | 0.003 | | | | |
| CAOND113311 | 116.0 | 117.5 | 1.5 | 0.003 | | | | |
| CAOND113312 | 117.5 | 119.0 | 1.5 | 0.003 | | | | |
| CAOND113313 | 119.0 | 120.5 | 1.5 | 0.003 | | | | |
| CAOND113314 | 120.5 | 122.0 | 1.5 | 0.003 | | | | |
| CAOND113316 | 122.0 | 123.5 | 1.5 | 0.003 | | | | |
| CAOND113317 | 123.5 | 125.0 | 1.5 | 0.003 | | | | |
| CAOND113318 | 125.0 | 126.5 | 1.5 | 0.003 | | | | |
| CAOND113319 | 126.5 | 128.0 | 1.5 | 0.003 | | | | |
| CAOND113321 | 128.0 | 129.5 | 1.5 | 0.003 | | | | |
| CAOND113322 | 129.5 | 131.0 | 1.5 | 0.003 | | | | |
| CAOND113323 | 131.0 | 132.5 | 1.5 | 0.003 | | | | |
| CAOND113324 | 132.5 | 134.0 | 1.5 | 0.003 | | | | |
| CAOND113326 | 134.0 | 135.5 | 1.5 | 0.003 | | | | |
| CAOND113327 | 135.5 | 137.0 | 1.5 | 0.003 | | | | |
| CAOND113328 | 137.0 | 138.5 | 1.5 | 0.003 | | | | |
| CAOND113329 | 138.5 | 140.0 | 1.5 | 0.003 | | | | |
| CAOND113331 | 140.0 | 141.5 | 1.5 | 0.003 | | | | |
| CAOND113332 | 141.5 | 143.0 | 1.5 | 0.003 | | | | |
| CAOND113333 | 143.0 | 144.5 | 1.5 | 0.003 | | | | |
| CAOND113334 | 144.5 | 146.0 | 1.5 | 0.003 | | | | |
| CAOND113335 | 146.0 | 147.5 | 1.5 | 0.003 | | | | |
| CAOND113336 | 147.5 | 149.0 | 1.5 | 0.003 | | | | |
| CAOND113337 | 149.0 | 150.5 | 1.5 | 0.003 | | | | |

**Hole number:** KLUC18-508

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113338 | 150.5 | 152.0 | 1.5 | 0.003 | | | | |
| CAOND113339 | 152.0 | 153.0 | 1.0 | 0.003 | | | | |
| CAOND113340 | 153.0 | 154.5 | 1.5 | 0.003 | | | | |
| CAOND113341 | 154.5 | 156.0 | 1.5 | 0.003 | | | | |
| CAOND113342 | 156.0 | 157.5 | 1.5 | 0.003 | | | | |
| CAOND113343 | 157.5 | 159.0 | 1.5 | 0.003 | | | | |
| CAOND113344 | 159.0 | 160.5 | 1.5 | 0.003 | | | | |
| CAOND113346 | 160.5 | 162.0 | 1.5 | 0.009 | | | | |
| CAOND113347 | 162.0 | 163.5 | 1.5 | 0.003 | | | | |
| CAOND113348 | 163.5 | 165.0 | 1.5 | 0.003 | | | | |
| CAOND113349 | 165.0 | 166.5 | 1.5 | 0.003 | | | | |
| CAOND113351 | 166.5 | 168.0 | 1.5 | 0.003 | | | | |
| CAOND113352 | 168.0 | 169.5 | 1.5 | 0.003 | | | | |
| CAOND113353 | 169.5 | 171.0 | 1.5 | 0.003 | | | | |
| CAOND113354 | 171.0 | 172.5 | 1.5 | 0.003 | | | | |
| CAOND113355 | 172.5 | 174.0 | 1.5 | 0.003 | | | | |
| CAOND113356 | 174.0 | 175.5 | 1.5 | 0.003 | | | | |
| CAOND113357 | 175.5 | 177.0 | 1.5 | 0.003 | | | | |
| CAOND113358 | 177.0 | 178.5 | 1.5 | 0.003 | | | | |
| CAOND113359 | 178.5 | 180.0 | 1.5 | 0.003 | | | | |
| CAOND113361 | 180.0 | 181.5 | 1.5 | 0.003 | | | | |
| CAOND113362 | 181.5 | 183.0 | 1.5 | 0.003 | | | | |
| CAOND113363 | 183.0 | 184.5 | 1.5 | 0.003 | | | | |
| CAOND113364 | 184.5 | 186.0 | 1.5 | 0.014 | | | | |
| CAOND113365 | 186.0 | 187.5 | 1.5 | 0.049 | | | | |
| CAOND113366 | 187.5 | 189.0 | 1.5 | 0.038 | | | | |
| CAOND113367 | 189.0 | 190.0 | 1.0 | 0.024 | | | | |
| CAOND113368 | 190.0 | 191.0 | 1.1 | 0.017 | | | | |
| CAOND113369 | 191.0 | 192.4 | 1.4 | 0.012 | | | | |

**Major:** **From:** 192.40 **To:** 201.20 I2DmAltBx, Mafic Syenite Alt BX

Mineralized chloritic altered deformed strongly magnetic mafic syenite. Possibly just and altered syenite (called a mafic syentite because of it's dark colour) Dark gray/black and pink, fine grained strongly magnetic, strongly foliated to massive. thin low angle fractures form at 20 degrees contian strong chlorite. patches of pink syenite remain in places, unit varies in texture and has a dirty appearance.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113371 | 192.4 | 193.6 | 1.2 | 0.040 | | | | |
| CAOND113372 | 193.6 | 195.0 | 1.4 | 0.020 | | | | |
| CAOND113373 | 195.0 | 196.5 | 1.5 | 0.017 | | | | |

**Hole number:** KLUC18-508

Textures range from foliated to massive, brecciated, and fractured. Rubbly core noted from 193.6-194m. Very fine grained dissemianted sulphide noted through out unit. Best mineralization from 199.2-201.2m (3-10%) 192.4-193.6m: Strongly foliated at upper contact giving stripped appearance of the rock (foliation at 25)

**TEXTURE**

TYPE/COLOR/GRAIN_SIZE/COMMENTS

193.60, 201.20, ANA, -, FGR, low angle hairline thin fractures infilled with calcite.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

192.40, 199.20, PYR, DIS, .30, -, VFG, Fine grained disseminated sulphlide in altered syentite.
199.20, 199.70, PYR, DIS, 10.00, -, VFG, Fine grained disseminated pyrite in strongly altered unit. Can see original texture.
200.05, 201.20, PYR, DIS, 5.00, -, VFG, Dusting of sulphides in altered unrecognizable unit

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

192.40, 193.40, SER+, PEN, MOD, GRN2_BASIC, VFG, -, light green sercite, might run, increase in sulphides to 0.3%
193.40, 201.20, CHL+, SEL, MOD, RED_00001, FGR, -, Seen along thin low angle fracures as well as flexs of black alteration.

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

192.40, 194.00, FOL, STRONG, 35.00, -, -, -, stripped unit, alternating black and white.
194.00, 201.20, FRS, WEAK, 20.00, -, -, -, Chlorite infilled fractures from at low angles
199.70, 200.00, BRC, -, -, -, -, -, -

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

193.60, 201.20, MAG, DIS, 5.00, RED_00001, VFG, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113374 | 196.5 | 198.0 | 1.5 | 0.009 | | | | |
| CAOND113376 | 198.0 | 199.2 | 1.2 | 0.012 | | | | |
| CAOND113377 | 199.2 | 200.3 | 1.1 | 0.057 | | | | |
| CAOND113378 | 200.3 | 201.2 | 0.9 | 0.035 | | | | |

**Major:** **From:** 201.20 **To:** 218.05 I2D, Syénite

Weakly deformed syenite Dark brick red, fine grained, massive, strongly magetic, strongly hematitized. medium grained, Trace disseminated sulphides (rare), irregular hairline fractures through out which contin chlorite. Contacts are gradational. Rounded grains giving the unit a granular appearance. Possible round quartz grains or deformed feldpars Dirty looking mixed unit from 204.5 to 205m which contians a 8cm quartz + minor calcite flooded section. no increase in sulphide noted here.

**TEXTURE**

TYPE/COLOR/GRAIN_SIZE/COMMENTS

201.20, 201.50, ANA, -, FGR, low angle hairline thin fractures infilled with calcite.

**ALTERATION**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113379 | 201.2 | 202.0 | 0.8 | 0.020 | | | | |
| CAOND113381 | 202.0 | 203.5 | 1.5 | 0.003 | | | | |
| CAOND113382 | 203.5 | 204.5 | 1.0 | 0.003 | | | | |
| CAOND113383 | 204.5 | 204.8 | 0.3 | 0.003 | | | | |
| CAOND113384 | 204.8 | 206.0 | 1.2 | 0.003 | | | | |
| CAOND113385 | 206.0 | 207.5 | 1.5 | 0.003 | | | | |
| CAOND113386 | 207.5 | 208.8 | 1.3 | 0.003 | | | | |
| CAOND113387 | 208.8 | 210.0 | 1.2 | 0.003 | | | | |

## Hole number: KLUC18-508

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
201.20, 201.50, CHL+, SEL, MOD, RED_00001, FGR, -, Seen along thin low angle fracures as well as flexs of black alteration.

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
201.20, 201.50, FRS, WEAK, 20.00, -, -, -, Chlorite infilled fractures from at low angles

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
204.50, 204.60, QTZ, 50.00, 70.00, -, -, -, GRY_00025, 8.00, -, -, -, quartz flooding, irregular

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
201.20, 218.05, MAG, DIS, 5.00, RED_00001, VFG, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113388 | 210.0 | 211.5 | 1.5 | 0.003 | | | | |
| CAOND113389 | 211.5 | 213.0 | 1.5 | 0.003 | | | | |
| CAOND113391 | 213.0 | 214.5 | 1.5 | 0.003 | | | | |
| CAOND113392 | 214.5 | 216.0 | 1.5 | 0.003 | | | | |
| CAOND113393 | 216.0 | 217.0 | 1.0 | 0.003 | | | | |
| CAOND113394 | 217.0 | 218.1 | 1.1 | 0.003 | | | | |

**Major: From:** 218.05 **To:** 226.00 I2Dm, Mafic Syenite

Undeformed non-magnetic mafic syentite (possible mafic dyke) Dark gray, fine grained, non magnetic, massive, equalgranular, uniform in appearance. no visble sulphides. Unit appears to contian round crystals of feldar or quartz with interstial mafic minerals. Fault gauge from 224.30 to 224.90 Sharp contacts at 25 degrees.

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
224.30, 224.90, GGE, STRONG, 20.00, -, -, -, 20 to 90 degree upper contact is low angle center of gauge is high angle

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
218.05, 218.45, MAG, DIS, 5.00, RED_00001, VFG, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113395 | 218.1 | 219.5 | 1.5 | 0.003 | | | | |
| CAOND113396 | 219.5 | 221.0 | 1.5 | 0.003 | 0.250 | 1 | 63 | |
| CAOND113397 | 221.0 | 222.5 | 1.5 | 0.003 | | | | |
| CAOND113398 | 222.5 | 223.5 | 1.0 | 0.003 | | | | |
| CAOND113399 | 223.5 | 225.0 | 1.5 | 0.003 | | | | |
| CAOND113401 | 225.0 | 226.0 | 1.0 | 0.003 | | | | |

**Major: From:** 226.00 **To:** 252.00 I2D, Syénite

Altered strongly magnetic syentite Syenite -Light pink salmon coloured, fine grained, massive, Strongly magnetic, strong calcite, dark black angular xenoliths from sporadically throughout. minor low angle fractures which contian chlorite. Trace to no sulphides

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
226.00, 252.00, MAG, DIS, 5.00, RED_00001, VFG, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113402 | 226.0 | 227.5 | 1.5 | 0.003 | | | | |
| CAOND113403 | 227.5 | 229.0 | 1.5 | 0.003 | | | | |
| CAOND113404 | 229.0 | 230.5 | 1.5 | 0.003 | | | | |
| CAOND113405 | 230.5 | 232.0 | 1.5 | 0.003 | | | | |
| CAOND113406 | 232.0 | 233.5 | 1.5 | 0.003 | | | | |
| CAOND113407 | 233.5 | 235.0 | 1.5 | 0.003 | | | | |
| CAOND113408 | 235.0 | 236.5 | 1.5 | 0.003 | | | | |
| CAOND113409 | 236.5 | 238.0 | 1.5 | 0.003 | | | | |

**Hole number:** KLUC18-508

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113410 | 238.0 | 239.5 | 1.5 | 0.003 | | | | |
| CAOND113411 | 239.5 | 241.0 | 1.5 | 0.003 | | | | |
| CAOND113412 | 241.0 | 242.5 | 1.5 | 0.003 | | | | |
| CAOND113413 | 242.5 | 243.5 | 1.0 | 0.003 | | | | |
| CAOND113414 | 243.5 | 244.5 | 1.0 | 0.003 | | | | |
| CAOND113416 | 244.5 | 246.0 | 1.5 | 0.003 | | | | |
| CAOND113417 | 246.0 | 247.5 | 1.5 | 0.003 | | | | |
| CAOND113418 | 247.5 | 249.0 | 1.5 | 0.003 | | | | |
| CAOND113419 | 249.0 | 250.5 | 1.5 | 0.003 | | | | |
| CAOND113421 | 250.5 | 252.0 | 1.5 | 0.003 | | | | |

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 0.4 | 3.0 | 70.00 | 100.00 | | | N | |
| 3.0 | 6.0 | 40.00 | 100.00 | | | N | |
| 6.0 | 9.0 | 98.00 | 100.00 | | | N | |
| 9.0 | 12.0 | 77.00 | 100.00 | | | N | |
| 12.0 | 15.0 | 77.00 | 100.00 | | | N | |
| 15.0 | 18.0 | 87.00 | 100.00 | | | N | |
| 18.0 | 21.0 | 87.00 | 100.00 | | | N | |
| 21.0 | 24.0 | 82.00 | 100.00 | | | N | |
| 24.0 | 27.0 | 97.00 | 100.00 | | | N | |
| 27.0 | 30.0 | 97.00 | 100.00 | | | N | |
| 30.0 | 33.0 | 92.00 | 100.00 | | | N | |
| 33.0 | 36.0 | 92.00 | 100.00 | | | N | |
| 36.0 | 39.0 | 98.00 | 100.00 | | | N | |
| 39.0 | 42.0 | 100.00 | 100.00 | | | N | |
| 42.0 | 45.0 | 100.00 | 100.00 | | | N | |
| 45.0 | 48.0 | 98.00 | 100.00 | | | N | |
| 48.0 | 51.0 | 100.00 | 100.00 | | | N | |
| 51.0 | 54.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC18-508

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 54.0 | 57.0 | 100.00 | 100.00 | | | N | |
| 57.0 | 60.0 | 98.00 | 100.00 | | | N | |
| 60.0 | 63.0 | 95.00 | 100.00 | | | N | |
| 63.0 | 66.0 | 100.00 | 100.00 | | | N | |
| 66.0 | 69.0 | 98.00 | 100.00 | | | N | |
| 120.0 | 123.0 | 100.00 | 100.00 | | | N | |
| 123.0 | 126.0 | 92.00 | 100.00 | | | N | |
| 126.0 | 129.0 | 100.00 | 100.00 | | | N | |
| 129.0 | 132.0 | 100.00 | 100.00 | | | N | |
| 132.0 | 135.0 | 97.00 | 100.00 | | | N | |
| 135.0 | 138.0 | 93.00 | 100.00 | | | N | |
| 138.0 | 141.0 | 67.00 | 100.00 | | | N | |
| 141.0 | 144.0 | 100.00 | 100.00 | | | N | |
| 144.0 | 147.0 | 77.00 | 100.00 | | | N | |
| 147.0 | 150.0 | 90.00 | 100.00 | | | N | |
| 150.0 | 153.0 | 98.00 | 100.00 | | | N | |
| 153.0 | 156.0 | 95.00 | 100.00 | | | N | |
| 156.0 | 159.0 | 100.00 | 100.00 | | | N | |
| 159.0 | 162.0 | 98.00 | 100.00 | | | N | |
| 162.0 | 165.0 | 83.00 | 100.00 | | | N | |
| 165.0 | 168.0 | 95.00 | 100.00 | | | N | |
| 168.0 | 171.0 | 87.00 | 100.00 | | | N | |
| 171.0 | 174.0 | 98.00 | 100.00 | | | N | |
| 174.0 | 177.0 | 98.00 | 100.00 | | | N | |
| 177.0 | 180.0 | 98.00 | 100.00 | | | N | |
| 180.0 | 183.0 | 100.00 | 100.00 | | | N | |
| 183.0 | 186.0 | 100.00 | 100.00 | | | N | |
| 186.0 | 189.0 | 95.00 | 100.00 | | | N | |

**Hole number:** KLUC18-508

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 189.0 | 192.0 | 92.00 | 100.00 | | | N | |
| 192.0 | 195.0 | 53.00 | 100.00 | | | N | |
| 195.0 | 198.0 | 100.00 | 100.00 | | | N | |
| 198.0 | 201.0 | 97.00 | 100.00 | | | N | |
| 201.0 | 204.0 | 100.00 | 100.00 | | | N | |
| 204.0 | 207.0 | 98.00 | 100.00 | | | N | |
| 207.0 | 210.0 | 83.00 | 100.00 | | | N | |
| 210.0 | 213.0 | 98.00 | 100.00 | | | N | |
| 213.0 | 216.0 | 90.00 | 100.00 | | | N | |
| 216.0 | 219.0 | 100.00 | 100.00 | | | N | |
| 219.0 | 222.0 | 93.00 | 100.00 | | | N | |
| 222.0 | 225.0 | 80.00 | 100.00 | | | N | |
| 225.0 | 228.0 | 98.00 | 100.00 | | | N | |
| 228.0 | 231.0 | 63.00 | 100.00 | | | N | |
| 231.0 | 234.0 | 100.00 | 100.00 | | | N | |
| 234.0 | 237.0 | 97.00 | 100.00 | | | N | |
| 237.0 | 240.0 | 93.00 | 100.00 | | | N | |
| 240.0 | 243.0 | 90.00 | 100.00 | | | N | |
| 243.0 | 246.0 | 97.00 | 100.00 | | | N | |
| 246.0 | 249.0 | 97.00 | 100.00 | | | N | |
| 249.0 | 252.0 | 93.00 | 100.00 | | | N | |

AGNICO EAGLE

# DRILL HOLE REPORT

## EXPLORATION CANADA ONTARIO

**Hole number:** KLUC18-509 **Project Number:** U_Canada **Project name:** Upper Canada

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Historic hole number:** | | **Collar survey:** | Y | **From:** | 0.0 | **Coordinates:** | P |
| **System:** | METRIC | **Verified:** | N | **To:** | 552.0 | **Grid:** | UTM83-17_CSRS-2010: |
| **Target:** | UC_UPPER_L_ZONE | **Gas:** | N | **Depth:** | 552.0 | **North:** | 5,332,752.12 |
| **No. Claim:** | PAT-18800 | **Multishot survey:** | Y | **Location:** | Surface | **East:** | 587,079.33 |
| **Year:** | 2 018 | **Is making water:** | N | **Core storage:** | Exploration Camp | **Elevation:** | 328.27 |
| **Date started:** | 2018-09-12 | **Object in hole:** | N | **Contractor:** | Asinii Drilling | **Collar dip:** | -60.66 |
| **Date logged:** | 2018-09-24 | **Pulse EM survey:** | N | **Logged by:** | Melanie Bouchard | **Collar azimuth:** | 163.90 |
| **Date completed:** | 2018-09-20 | **Plugged:** | N | **Signature:** | Mélanie Bouchard | | |
| **Core size:** | NQ | **Cemented:** | N | | M.Oosterman | | |
| **Hole type:** | EXP | **Branch:** | N | | | | |
| **Casing:** | Left in Hole, capped | **Reserve:** | N | | | | |
| **Logging status:** | Signed | | | | | | |
| **Rig number:** | 0102 | | | | | | |

**Additionnal sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Propsed hole: UCP18-030 (MSO-6), Drill Rig: 102, Stabilization: 2 hex core barrel and 18" shell, Targeting: MSO blocks between L zone and H zone.

**Assay average**

| Average type | From | To | Length | Width | Zone | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Pb_ppm | Ni_ppm | As_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WEIGHTED | 226.5 | 227.5 | 1.0 | | | 1.650 | | | | | | |
| WEIGHTED | 248.0 | 249.5 | 1.5 | | | 5.690 | | | | | | |
| WEIGHTED | 298.0 | 307.5 | 9.5 | | | 1.555 | | | | | | |
| WEIGHTED | 415.4 | 416.5 | 1.1 | | | 1.230 | | | | | | |

**Survey data**

| Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments | Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 164.45 | -60.37 | NS | | North seeking aligner | 0.0 | 163.90 | -60.66 | S | O | Surveyed Collar |
| 10.0 | 164.33 | -59.99 | G | | North Seaker Gyro | 20.0 | 164.37 | -59.98 | G | O | North Seaker Gyro |
| 30.0 | 169.87 | -59.86 | DS | | Mag.50009 | 30.0 | 164.39 | -59.86 | G | O | North Seaker Gyro |
| 40.0 | 164.30 | -59.73 | G | O | North Seaker Gyro | 50.0 | 164.43 | -59.79 | G | O | North Seaker Gyro |
| 60.0 | 163.97 | -59.64 | DS | | Mag.52649 | 60.0 | 164.48 | -59.71 | G | O | North Seaker Gyro |
| 70.0 | 164.65 | -59.74 | G | O | North Seaker Gyro | 80.0 | 164.72 | -59.64 | G | O | North Seaker Gyro |
| 90.0 | 166.66 | -59.38 | DS | | Mag.54210 | 90.0 | 164.83 | -59.54 | G | O | North Seaker Gyro |

## Hole number: KLUC18-509

**Survey data**

| Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 100.0 | 164.75 | -59.39 | G | O | North Seaker Gyro |
| 120.0 | 167.07 | -59.05 | DS | | Mag.54194 |
| 130.0 | 164.92 | -59.08 | G | O | North Seaker Gyro |
| 150.0 | 168.05 | -58.90 | DS | | Mag.54778 |
| 160.0 | 164.92 | -58.84 | G | O | North Seaker Gyro |
| 180.0 | 166.55 | -58.54 | DS | | Mag.54291 |
| 190.0 | 165.16 | -58.53 | G | O | North Seaker Gyro |
| 210.0 | 164.25 | -58.17 | DS | | Mag.54725 |
| 220.0 | 165.22 | -58.18 | G | O | North Seaker Gyro |
| 240.0 | 167.97 | -57.78 | DS | | Mag.55274 |
| 250.0 | 165.46 | -57.86 | G | O | North Seaker Gyro |
| 270.0 | 168.29 | -57.61 | DS | | Mag.54748 |
| 280.0 | 165.36 | -57.49 | G | O | North Seaker Gyro |
| 300.0 | 168.24 | -56.86 | DS | | Mag.54609 |
| 310.0 | 165.12 | -56.77 | G | O | North Seaker Gyro |
| 330.0 | 167.60 | -56.30 | DS | | Mag.54463 |
| 340.0 | 164.85 | -56.40 | G | O | North Seaker Gyro |
| 360.0 | 168.10 | -55.80 | DS | | Mag.54592 |
| 370.0 | 164.56 | -56.00 | G | O | North Seaker Gyro |
| 390.0 | 167.20 | -55.60 | DS | | Mag.54126 |
| 400.0 | 164.52 | -55.67 | G | O | North Seaker Gyro |
| 450.0 | 166.70 | -54.80 | DS | O | Mag.55775 |
| 510.0 | 165.30 | -54.20 | DS | O | Mag.53691 |

| Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 110.0 | 164.82 | -59.31 | G | O | North Seaker Gyro |
| 120.0 | 164.87 | -59.21 | G | O | North Seaker Gyro |
| 140.0 | 164.94 | -59.06 | G | O | North Seaker Gyro |
| 150.0 | 164.91 | -58.98 | G | O | North Seaker Gyro |
| 170.0 | 165.00 | -58.70 | G | O | North Seaker Gyro |
| 180.0 | 165.16 | -58.64 | G | O | North Seaker Gyro |
| 200.0 | 165.22 | -58.42 | G | O | North Seaker Gyro |
| 210.0 | 165.29 | -58.31 | G | O | North Seaker Gyro |
| 230.0 | 165.33 | -58.02 | G | O | North Seaker Gyro |
| 240.0 | 165.44 | -57.94 | G | O | North Seaker Gyro |
| 260.0 | 165.43 | -57.78 | G | O | North Seaker Gyro |
| 270.0 | 165.40 | -57.71 | G | O | North Seaker Gyro |
| 290.0 | 165.19 | -57.29 | G | O | North Seaker Gyro |
| 300.0 | 165.21 | -57.07 | G | O | North Seaker Gyro |
| 320.0 | 164.99 | -56.60 | G | O | North Seaker Gyro |
| 330.0 | 164.99 | -56.47 | G | O | North Seaker Gyro |
| 350.0 | 164.72 | -56.25 | G | O | North Seaker Gyro |
| 360.0 | 164.61 | -56.08 | G | O | North Seaker Gyro |
| 380.0 | 164.50 | -55.92 | G | O | North Seaker Gyro |
| 390.0 | 164.54 | -55.82 | G | O | North Seaker Gyro |
| 420.0 | 165.90 | -55.10 | DS | O | Mag.54746 |
| 480.0 | 167.50 | -54.50 | DS | O | Mag.54271 |
| 540.0 | 165.70 | -53.80 | DS | O | Mag.55187 |

| Certificate |
|---|
| A19-813 |
| TM18240281 |
| TM18240285 |
| TM18248959 |
| TM18248963 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505D18-007 | Excaon1 | CAOND111372 - CAOND111500<br>CAOND112666 - CAOND112669<br>CAOND112671 - CAOND113005<br>CAOND113501 - CAOND113791 |
| CXE5505D18-008 | Excaon1 | CAOND113006 - CAOND113081<br>CAOND113792 - CAOND114000<br>CAOND114501 - CAOND114563<br>CAOND115001 - CAOND115085 |

| Sample number | Standard |
|---|---|
| CAOND113630 | CDN-GS-5U-AEM |
| CAOND113645 | CDN-CM-28-AEM |
| CAOND113660 | CDN-CM-24-AEM |
| CAOND113670 | BLANK-DB |
| CAOND113675 | CDN-GS-5U-AEM |
| CAOND113690 | CDN-CM-28-AEM |
| CAOND113715 | CDN-CM-24-AEM |

**Hole number:** KLUC18-509

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND115165 - CAOND115195 |
| CXE5505D19-050 | Excaon1 | CAOND113049 |
| | | CAOND113091 |
| | | CAOND113123 |
| | | CAOND113154 |
| | | CAOND113162 |
| | | CAOND113177 |
| | | CAOND113224 |
| | | CAOND113243 |
| | | CAOND113262 |
| | | CAOND113282 |
| | | CAOND113289 |
| | | CAOND113308 |
| | | CAOND113327 |
| | | CAOND113357 |
| | | CAOND113393 |
| | | CAOND113410 |
| | | CAOND113426 |
| | | CAOND113444 - CAOND113445 |
| | | CAOND113461 |
| | | CAOND113488 |
| | | CAOND113498 |
| | | CAOND113505 |
| | | CAOND113512 |
| | | CAOND113528 |
| | | CAOND113540 |
| | | CAOND113557 |
| | | CAOND113572 |
| | | CAOND113605 - CAOND113606 |
| | | CAOND113641 |
| | | CAOND113796 |
| | | CAOND113816 |
| | | CAOND113821 |
| | | CAOND113828 |
| | | CAOND113831 |
| | | CAOND113836 |
| | | CAOND113855 |
| | | CAOND113894 |
| | | CAOND113942 |
| | | CAOND113964 |
| | | CAOND113974 |
| | | CAOND113978 |
| | | CAOND114017 |

| Sample number | Standard |
|---|---|
| CAOND113720 | BLANK-DB |
| CAOND113730 | CDN-GS-5U-AEM |
| CAOND113745 | CDN-CM-28-AEM |
| CAOND113760 | CDN-CM-24-AEM |
| CAOND113770 | BLANK-DB |
| CAOND113775 | CDN-GS-5U-AEM |
| CAOND113790 | CDN-CM-28-AEM |
| CAOND113815 | CDN-CM-24-AEM |
| CAOND113820 | BLANK-DB |
| CAOND113830 | CDN-GS-5U-AEM |
| CAOND113845 | CDN-CM-28-AEM |
| CAOND113860 | CDN-CM-24-AEM |
| CAOND113870 | BLANK-DB |
| CAOND113875 | CDN-GS-5U-AEM |
| CAOND113890 | CDN-CM-28-AEM |
| CAOND113915 | CDN-CM-24-AEM |
| CAOND113920 | BLANK-DB |
| CAOND113930 | CDN-GS-5U-AEM |
| CAOND113945 | CDN-CM-28-AEM |
| CAOND113960 | CDN-CM-24-AEM |
| CAOND113970 | BLANK-DB |
| CAOND113975 | CDN-GS-5U-AEM |
| CAOND113990 | CDN-CM-28-AEM |
| CAOND114515 | CDN-CM-24-AEM |
| CAOND114520 | BLANK-DB |
| CAOND114530 | CDN-GS-5U-AEM |
| CAOND114545 | CDN-CM-28-AEM |
| CAOND114560 | CDN-CM-24-AEM |

**Hole number:** KLUC18-509

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND114032 |
| | | CAOND114049 |
| | | CAOND114077 |
| | | CAOND114145 |
| | | CAOND114152 |
| | | CAOND114154 |
| | | CAOND114517 |
| | | CAOND114524 |
| | | CAOND114534 |
| | | CAOND114553 |
| | | CAOND114589 |
| | | CAOND114606 |
| | | CAOND114608 |
| | | CAOND114635 |
| | | CAOND114658 - CAOND114659 |
| | | CAOND114683 |
| | | CAOND114701 |
| | | CAOND114708 |
| | | CAOND114719 - CAOND114720 |
| | | CAOND114740 |
| | | CAOND114753 |
| | | CAOND114774 |
| | | CAOND114803 |
| | | CAOND114823 |
| | | CAOND114852 |
| | | CAOND114855 |
| | | CAOND114859 |
| | | CAOND114896 |
| | | CAOND114908 |
| | | CAOND114911 |
| | | CAOND114914 |
| | | CAOND114926 |
| | | CAOND115001 |
| | | CAOND115013 |
| | | CAOND115019 |
| | | CAOND115040 |
| | | CAOND115062 |
| | | CAOND115072 - CAOND115073 |
| | | CAOND115077 |
| | | CAOND115212 |
| | | CAOND115272 - CAOND115273 |
| | | CAOND115316 |
| | | CAOND115322 |

**Hole number:** KLUC18-509

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND115370 - CAOND115371<br>CAOND115411<br>CAOND115418<br>CAOND115442<br>CAOND115472<br>CAOND115497<br>CAOND115509 - CAOND115510<br>CAOND115512<br>CAOND115531<br>CAOND115542<br>CAOND115546<br>CAOND115562<br>CAOND115591<br>CAOND115595 - CAOND115596<br>CAOND115607 - CAOND115609<br>CAOND115611<br>CAOND115620<br>CAOND115640<br>CAOND115655<br>CAOND115659<br>CAOND115718<br>CAOND115732 - CAOND115733<br>CAOND115740<br>CAOND115748<br>CAOND115769<br>CAOND115778<br>CAOND115785<br>CAOND115812<br>CAOND115827<br>CAOND115905<br>CAOND115911 |
| CXE5505R19-025 | Excaon1 | CAOND109014<br>CAOND109018<br>CAOND109034<br>CAOND109038<br>CAOND109053<br>CAOND109056<br>CAOND109067<br>CAOND109072<br>CAOND109211<br>CAOND109287<br>CAOND109291<br>CAOND109294 |

**Hole number:** KLUC18-509

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND109296 |
| | | CAOND109318 |
| | | CAOND109357 |
| | | CAOND109369 |
| | | CAOND109435 |
| | | CAOND109438 |
| | | CAOND109495 |
| | | CAOND109503 |
| | | CAOND109528 |
| | | CAOND109535 |
| | | CAOND109557 |
| | | CAOND109564 |
| | | CAOND109674 |
| | | CAOND109677 |
| | | CAOND109689 |
| | | CAOND109691 |
| | | CAOND109704 |
| | | CAOND109710 |
| | | CAOND109729 |
| | | CAOND109751 |
| | | CAOND109757 |
| | | CAOND109764 |
| | | CAOND109781 |
| | | CAOND109787 |
| | | CAOND109796 - CAOND109797 |
| | | CAOND109818 |
| | | CAOND109836 |
| | | CAOND109839 |
| | | CAOND109874 - CAOND109875 |
| | | CAOND109890 |
| | | CAOND109940 |
| | | CAOND109974 |
| | | CAOND109984 |
| | | CAOND110011 |
| | | CAOND110056 - CAOND110057 |
| | | CAOND110062 |
| | | CAOND110073 |
| | | CAOND110113 |
| | | CAOND110161 |
| | | CAOND110163 |
| | | CAOND110174 |
| | | CAOND110198 |
| | | CAOND110213 |

**Hole number:** KLUC18-509

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND110236 |
| | | CAOND110240 |
| | | CAOND110249 |
| | | CAOND110261 |
| | | CAOND110270 |
| | | CAOND110322 |
| | | CAOND110328 |
| | | CAOND110340 |
| | | CAOND110355 |
| | | CAOND110362 |
| | | CAOND110379 |
| | | CAOND110382 - CAOND110383 |
| | | CAOND110398 |
| | | CAOND110434 |
| | | CAOND110438 |
| | | CAOND110441 |
| | | CAOND110443 |
| | | CAOND110468 |
| | | CAOND110496 |
| | | CAOND110502 |
| | | CAOND110514 |
| | | CAOND110523 |
| | | CAOND110539 |
| | | CAOND110544 |
| | | CAOND110552 |
| | | CAOND110572 |
| | | CAOND110593 - CAOND110595 |
| | | CAOND110603 |
| | | CAOND110633 |
| | | CAOND110664 - CAOND110665 |
| | | CAOND110683 |
| | | CAOND110694 |
| | | CAOND110710 |
| | | CAOND110712 - CAOND110713 |
| | | CAOND110808 |
| | | CAOND110813 |
| | | CAOND110837 |
| | | CAOND110871 |
| | | CAOND110885 |
| | | CAOND110948 |
| | | CAOND110951 |
| | | CAOND110956 |
| | | CAOND110978 |

**Hole number:** KLUC18-509

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND111098 |
| | | CAOND111129 |
| | | CAOND111178 |
| | | CAOND111262 |
| | | CAOND111277 |
| | | CAOND111286 |
| | | CAOND111385 |
| | | CAOND111446 |
| | | CAOND111448 |
| | | CAOND111455 |
| | | CAOND111481 |
| | | CAOND111513 |
| | | CAOND111529 |
| | | CAOND111558 |
| | | CAOND111606 |
| | | CAOND111629 |
| | | CAOND111634 |
| | | CAOND111673 |
| | | CAOND111686 |
| | | CAOND111690 |
| | | CAOND111709 |
| | | CAOND111734 |
| | | CAOND111747 |
| | | CAOND111752 |
| | | CAOND111763 |
| | | CAOND111774 |
| | | CAOND111794 |
| | | CAOND111806 |
| | | CAOND111838 |
| | | CAOND111842 |
| | | CAOND111876 |
| | | CAOND111878 |
| | | CAOND111881 |
| | | CAOND111889 |
| | | CAOND111913 |
| | | CAOND111954 |
| | | CAOND111988 |
| | | CAOND112048 |
| | | CAOND112084 |
| | | CAOND112097 |
| | | CAOND112123 |
| | | CAOND112128 |
| | | CAOND112154 |

**Hole number:** KLUC18-509

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND112187 |
| | | CAOND112214 |
| | | CAOND112218 |
| | | CAOND112223 - CAOND112224 |
| | | CAOND112263 |
| | | CAOND112286 |
| | | CAOND112309 |
| | | CAOND112410 |
| | | CAOND112434 |
| | | CAOND112474 |
| | | CAOND112485 |
| | | CAOND112505 |
| | | CAOND112513 |
| | | CAOND112537 |
| | | CAOND112559 |
| | | CAOND112584 |
| | | CAOND112606 |
| | | CAOND112632 |
| | | CAOND112676 |
| | | CAOND112704 |
| | | CAOND112757 |
| | | CAOND112789 |
| | | CAOND112794 |
| | | CAOND112798 |
| | | CAOND112811 - CAOND112812 |
| | | CAOND112832 |
| | | CAOND112837 |
| | | CAOND112846 |
| | | CAOND112855 |
| | | CAOND112865 |
| | | CAOND112917 |
| | | CAOND112937 |
| | | CAOND112957 |
| | | CAOND112971 |
| | | CAOND113672 |
| | | CAOND113777 |
| | | CAOND113779 |
| | | CAOND113781 |
| | | CAOND113789 |
| | | CAOND114014 |
| | | CAOND114020 |
| | | CAOND114187 |
| | | CAOND114221 |

**Hole number:** KLUC18-509

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND114264 |
| | | CAOND114276 |
| | | CAOND115912 |
| | | CAOND115926 |
| | | CAOND115942 |
| | | CAOND115959 |
| | | CAOND115962 |
| | | CAOND115999 |
| | | CAOND116503 |
| | | CAOND116522 |
| | | CAOND116533 |
| | | CAOND116542 |
| | | CAOND116618 |
| | | CAOND116620 |
| | | CAOND116633 |
| | | CAOND116642 |
| | | CAOND116658 |
| | | CAOND116660 |
| | | CAOND116673 |

*The sample list may content samples from other holes

**Major:** **From:** 0.00 **To:** 20.00 OVB, Overburden

Overburden with 20cm thick interval with broken and grinded pieces of mafic boulder

**Major:** **From:** 20.00 **To:** 32.50 I2D, Syénite

Composition: Various shades of orange, red and brown colouring, fine to medium grained and locally porphyrytic, grundgy appearance; I2D - Syenite Magnetism: Dominantly non magnetic but contains minor intervals that are weakly magnetic Veinning: 2% vuggy white to pale grey qtz veinning Structure: Weak to moderately brittely deformed defined by adundant healed microfracutres with no prominant orientation Alteration: Moderate patchy calcite and fracture controlled moderate chlorite alteration Mineralization: Trace to 1% Py mineralization occuring in qtz veinning, 25.3-25.5m = 10% clustered Cp mineralization occuring in a fracture Lower Contact: Sharp; oriented at 40 TCA

**TEXTURE**

TYPE/GRAIN_SIZE/COMMENTS

20.00 - 32.50: POR, MGR, Minor intervals with porphyritic texture, up to 3% feldspar phenocrysts

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

25.30 - 25.50: CPY, PAT, 10.00, -, -, 10% CP mineralization clustered in a fracture, occuring over a 2cm thick irregular interval

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113624 | 20.0 | 21.5 | 1.5 | 0.026 | | | | |
| CAOND113625 | 21.5 | 23.0 | 1.5 | 0.013 | | | | |
| CAOND113626 | 23.0 | 24.5 | 1.5 | 0.030 | | | | |
| CAOND113628 | 24.5 | 26.0 | 1.5 | 0.042 | | | | |
| CAOND113629 | 26.0 | 27.5 | 1.5 | 0.072 | | | | |
| CAOND113631 | 27.5 | 29.0 | 1.5 | 0.128 | | | | |
| CAOND113632 | 29.0 | 30.5 | 1.5 | 0.016 | | | | |
| CAOND113633 | 30.5 | 32.0 | 1.5 | 0.003 | | | | |
| CAOND113634 | 32.0 | 32.5 | 0.5 | 0.003 | | | | |

**Hole number:** KLUC18-509

32.40 - 32.50: CCT, 40.00, -, Sharp lower contact at 40 TCA

**VEIN**
TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS
32.00 - 32.50: QTZ, 20.00, -, -, -, GRY_00025, CPY, 2.00, 20% irregular and patchy white qtz-cal veinning with 2% Cp mineralization occuring in the mm scale veinnlets inmargins of thicker 1-2cm thick qtz veins

**Major:** **From:** 32.50 **To:** 37.40 I2Dm, Mafic Syenite

Composition: Dark green with dark purplish red patches, fine grained and massive; I2Dm - Syenite mafic Magnetism: Weak to moderately magnetic Veinning: 3% irregular, mm scale, whispy calcite veinlets Structure: No structures observed, minor 10cm thick fractured intervals Alteration: Weak pervasive chl and moderate spotted Cal Mineralization: Trace fine grained disseminated Py mineralization Lower Contact: Sharp oriented at 40 TCA

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
37.30 - 37.40: CCT, 40.00, -, Sharp lower contact at 40 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113635 | 32.5 | 34.0 | 1.5 | 0.014 | | | | |
| CAOND113636 | 34.0 | 35.5 | 1.5 | 0.074 | | | | |
| CAOND113637 | 35.5 | 36.5 | 1.0 | 0.063 | | | | |
| CAOND113638 | 36.5 | 37.4 | 0.9 | 0.035 | | | | |

**Major:** **From:** 37.40 **To:** 47.80 I2D, Syénite

Composition: Medium orangish brown, pinkish brown and dark purplish grey colouring, fine to medium grained, grundgy appearance, dominantly massive; I2D - Syenite Magnetism: Non to weakly magnetic Veinning: 1% white qtz-cal veinning Structure: Weak to moderately deformed with minor local foliation at 40-50 TCA near upper contact, dominant structures are healed microfractures Alteration: Moderate patchy calcite and fracture controlled moderate chlorite alteration Mineralization: Rare to trace very fine to fine grained Py mineralization throughout Lower Contact: Sharp but jagged 38.15-38.6m; 35cm thick interval dominantly composed of strong chloirte alteration with minor mm scale whisps of moderate Se alteration, strongly sheared interval with syenite intrusion of either side. Possibly xenolith?

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113639 | 37.4 | 38.2 | 0.8 | 0.078 | | | | |
| CAOND113640 | 38.2 | 38.7 | 0.5 | 0.178 | | | | |
| CAOND113641 | 38.7 | 40.0 | 1.3 | 0.059 | | | | |
| CAOND113642 | 40.0 | 41.5 | 1.5 | 0.009 | | | | |
| CAOND113643 | 41.5 | 43.0 | 1.5 | 0.006 | | | | |
| CAOND113644 | 43.0 | 44.5 | 1.5 | 0.009 | | | | |
| CAOND113646 | 44.5 | 46.0 | 1.5 | 0.034 | | | | |
| CAOND113647 | 46.0 | 47.0 | 1.0 | 0.029 | | | | |
| CAOND113648 | 47.0 | 47.8 | 0.8 | 0.032 | | | | |

**Major:** **From:** 47.80 **To:** 109.00 I2Dm, Mafic Syenite

Composition: Dark purplish grey and dark green with medium pinkish patches, fine grained and massive; I2Dm - Mafic syenite Magnetism: Moderately magnetic Veinning: 5% irregular, mm scale, whispy and discontinuous calcite veinlets Structure: Moderately deformed with no preferred orientation. Local weak to moderate foliation oriented at 40-50 TCA Alteration: Weak pervasive chl and moderate to strong spotted Cal Mineralization: Trace fine grained disseminated Py mineralization Lower Contact: Sharp; oriented at 40 TCA

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
47.80 - 109.00: DFZ, -, MOD, Moderate deformation
78.00 - 109.00: FOL, 40.00, MOD, Moderate to strong deformation and moderate foliation oriented at

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113649 | 47.8 | 49.0 | 1.2 | 0.054 | | | | |
| CAOND113651 | 49.0 | 50.5 | 1.5 | 0.041 | | | | |
| CAOND113652 | 50.5 | 52.0 | 1.5 | 0.029 | | | | |
| CAOND113653 | 52.0 | 53.5 | 1.5 | 0.023 | | | | |
| CAOND113654 | 53.5 | 55.0 | 1.5 | 0.044 | | | | |
| CAOND113655 | 55.0 | 56.5 | 1.5 | 0.154 | | | | |
| CAOND113656 | 56.5 | 58.0 | 1.5 | 0.060 | | | | |
| CAOND113657 | 58.0 | 59.5 | 1.5 | 0.036 | | | | |

**Hole number: KLUC18-509**

40-50 TCA
108.90 - 109.00: CCT, 40.00, -, Sharp lower contact at 40 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113658 | 59.5 | 61.0 | 1.5 | 0.017 | | | | |
| CAOND113659 | 61.0 | 62.5 | 1.5 | 0.015 | | | | |
| CAOND113661 | 62.5 | 64.0 | 1.5 | 0.047 | | | | |
| CAOND113662 | 64.0 | 65.5 | 1.5 | 0.015 | | | | |
| CAOND113663 | 65.5 | 67.0 | 1.5 | 0.009 | | | | |
| CAOND113664 | 67.0 | 68.5 | 1.5 | 0.039 | | | | |
| CAOND113665 | 68.5 | 70.0 | 1.5 | 0.011 | | | | |
| CAOND113666 | 70.0 | 71.5 | 1.5 | 0.020 | | | | |
| CAOND113667 | 71.5 | 73.0 | 1.5 | 0.024 | | | | |
| CAOND113668 | 73.0 | 74.5 | 1.5 | 0.014 | | | | |
| CAOND113669 | 74.5 | 76.0 | 1.5 | 0.020 | | | | |
| CAOND113671 | 76.0 | 77.5 | 1.5 | 0.012 | | | | |
| CAOND113672 | 77.5 | 79.0 | 1.5 | 0.026 | | | | |
| CAOND113673 | 79.0 | 80.5 | 1.5 | 0.025 | | | | |
| CAOND113674 | 80.5 | 82.0 | 1.5 | 0.017 | | | | |
| CAOND113676 | 82.0 | 83.5 | 1.5 | 0.034 | | | | |
| CAOND113677 | 83.5 | 85.0 | 1.5 | 0.023 | | | | |
| CAOND113678 | 85.0 | 86.5 | 1.5 | 0.055 | | | | |
| CAOND113679 | 86.5 | 88.0 | 1.5 | 0.046 | | | | |
| CAOND113681 | 88.0 | 89.5 | 1.5 | 0.223 | | | | |
| CAOND113682 | 89.5 | 91.0 | 1.5 | 0.058 | | | | |
| CAOND113683 | 91.0 | 92.5 | 1.5 | 0.055 | | | | |
| CAOND113684 | 92.5 | 94.0 | 1.5 | 0.022 | | | | |
| CAOND113685 | 94.0 | 95.5 | 1.5 | 0.059 | | | | |
| CAOND113686 | 95.5 | 97.0 | 1.5 | 0.081 | | | | |
| CAOND113687 | 97.0 | 98.5 | 1.5 | 0.088 | | | | |
| CAOND113688 | 98.5 | 100.0 | 1.5 | 0.037 | | | | |
| CAOND113689 | 100.0 | 101.5 | 1.5 | 0.024 | | | | |
| CAOND113691 | 101.5 | 103.0 | 1.5 | 0.019 | | | | |
| CAOND113692 | 103.0 | 104.5 | 1.5 | 0.023 | | | | |
| CAOND113693 | 104.5 | 106.0 | 1.5 | 0.176 | | | | |
| CAOND113694 | 106.0 | 107.5 | 1.5 | 0.025 | | | | |
| CAOND113695 | 107.5 | 109.0 | 1.5 | 0.055 | | | | |

## Hole number: KLUC18-509

**Major:** **From:** 109.00 **To:** 119.90 I2D, Syénite

Composition: Medium to dark pink and purplish pink, fine to medium grained, massive; I2D - Syenite Magnetism: Weak to moderately magnetic Veinning: 3-5% chaotic and whispy pink calcite veinlets Structure: Moderately deformed dominantly defined by abundance of healed micorfracutring, Weak and locally moderate preferential alignment at 30-40 TCA Alteration: Moderate spotted calcite and microfracture controlled moderate chlorite alteration Mineralization: Rare to trace very fine grained Py mineralization Lower Contact: Sharp; oriented at 40 TCA

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

109.00 - 117.00: FOL, 30.00, WEAK, Moderately deformed interval with weak to moderate foliation oriented at 30-40 TCA
109.00 - 119.90: DFZ, -, MOD, Moderate deformation
117.00 - 118.00: FOL, 30.00, STRONG, Moderate to strongly deformed with strong foliation at 30 TCA
118.00 - 119.90: FOL, 30.00, WEAK, Moderately deformed interval with weak to moderate foliation oriented at 30-40 TCA
119.80 - 119.90: CCT, 40.00, -, Sharp lower contact at 40 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113696 | 109.0 | 110.5 | 1.5 | 0.065 | | | | |
| CAOND113697 | 110.5 | 112.0 | 1.5 | 0.187 | | | | |
| CAOND113698 | 112.0 | 113.5 | 1.5 | 0.042 | | | | |
| CAOND113699 | 113.5 | 115.0 | 1.5 | 0.031 | | | | |
| CAOND113701 | 115.0 | 116.5 | 1.5 | 0.012 | | | | |
| CAOND113702 | 116.5 | 117.5 | 1.0 | 0.029 | | | | |
| CAOND113703 | 117.5 | 118.5 | 1.0 | 0.126 | | | | |
| CAOND113704 | 118.5 | 119.9 | 1.4 | 0.042 | | | | |

**Major:** **From:** 119.90 **To:** 142.60 I2Dm, Mafic Syenite

Composition: Patchy pale and medium pink, dark green, dark purplish grey and dark grey, choatic, vuggy, grundgy, moderately deformed; I2Dm - Mafic Syenite Magnetism: Weak to moderately magnetic Veinning: Less than 1% qtz-cal veinning 2-3cm thick Structure: Moderately to strongly deformed, dominantly chaotic with minor intervals of moderate foliation Alteration: Moderate patchy and stringers of chlorite alteration, moderate to strong patchy and spotted calcite alteration Mineralization: Rare to trace very fine grained Py mineralization Lower Contact: Sharp; oriented at 40 TCA

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

123.00 - 133.00: CAL+, PAT, STRONG, PNK2_BASIC, -, Strong to moderate patchy calcite alteration

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

119.90 - 142.60: DFZ, -, MOD, Moderate deformation
133.00 - 137.00: FOL, 40.00, MOD, Moderate to strongly defomred with moderate foliation at 40 TCA
142.50 - 142.60: CCT, 40.00, -, Sharp lower contact at 40 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113705 | 119.9 | 120.8 | 0.9 | 0.022 | | | | |
| CAOND113706 | 120.8 | 121.5 | 0.7 | 0.023 | | | | |
| CAOND113707 | 121.5 | 123.0 | 1.5 | 0.024 | | | | |
| CAOND113708 | 123.0 | 124.5 | 1.5 | 0.044 | | | | |
| CAOND113709 | 124.5 | 126.0 | 1.5 | 0.053 | | | | |
| CAOND113710 | 126.0 | 127.5 | 1.5 | 0.049 | | | | |
| CAOND113711 | 127.5 | 129.0 | 1.5 | 0.017 | | | | |
| CAOND113712 | 129.0 | 130.5 | 1.5 | 0.024 | | | | |
| CAOND113713 | 130.5 | 132.0 | 1.5 | 0.029 | | | | |
| CAOND113714 | 132.0 | 133.5 | 1.5 | 0.140 | | | | |
| CAOND113716 | 133.5 | 135.0 | 1.5 | 0.031 | | | | |
| CAOND113717 | 135.0 | 136.5 | 1.5 | 0.155 | | | | |
| CAOND113718 | 136.5 | 138.0 | 1.5 | 0.117 | | | | |
| CAOND113719 | 138.0 | 139.5 | 1.5 | 0.017 | | | | |
| CAOND113721 | 139.5 | 141.0 | 1.5 | 0.032 | | | | |
| CAOND113722 | 141.0 | 142.0 | 1.0 | 0.011 | | | | |
| CAOND113723 | 142.0 | 142.6 | 0.6 | 0.140 | | | | |

**Major:** **From:** 142.60 **To:** 150.70 I2D, Syénite

Composition: Dark purple to purplish grey, fine grained, massive, locally 1-2% 1-2mm sized grey-waxy

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113724 | 142.6 | 144.0 | 1.4 | 0.032 | | | | |

**Hole number:** KLUC18-509

phenocrysts; I2D - Syenite Magnetism: Weak to moderately magnetic Veinning: 2% pink qtz-cal-chl veinning 2-3cm thick and irregular Structure: Undeformed to weakly deformed Alteration: Weak calcite and chlorite alteration Mineralization: Rare to trace very fine grained Py mineralization Lower Contact: Sharp; oriented at 40 TCA

**MINOR INTERVAL**

149.60 - 150.70: I2DpDark pulpish coloured, fine grained matrix with up to 5%, 2mm sized, greenish grey, waxy phenocrysts; I2Dp - Syenite porphyry. WEak chlorite and calcite alteration. 5% irregular and chaotic qtz-cal-chl veinning. Sharp contacts.

**TEXTURE**

TYPE/GRAIN_SIZE/COMMENTS

149.60 - 150.70: POR, MGR, Minor interval of syenite porphyry with 5% 2mm sized waxy phenocrysts

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

150.60 - 150.70: CCT, 40.00, -, Sharp lower contact at 40 TCA

**VEIN**

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS

149.60 - 150.70: QtzCalChl, 5.00, -, -, -, -, -, -, 5% chaotic qtz-cal-chl veinlets, vuggy with no preferred orientation

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113726 | 144.0 | 145.5 | 1.5 | 0.012 | | | | |
| CAOND113727 | 145.5 | 147.0 | 1.5 | 0.005 | | | | |
| CAOND113728 | 147.0 | 148.5 | 1.5 | 0.007 | | | | |
| CAOND113729 | 148.5 | 149.6 | 1.1 | 0.009 | | | | |
| CAOND113731 | 149.6 | 150.7 | 1.1 | 0.008 | | | | |

**Major:** **From:** 150.70 **To:** 220.60 I2Dm, Mafic Syenite

Composition: Patchy pale and medium pink,medium pinkish brown, dark green, dark purplish grey and dark grey, chaotic, vuggy, grundgy, moderately deformed; I2Dm - Mafic Syenite Magnetism: Moderately magnetic Veinning: 1% chaotic pink calcite veinning Structure: Moderately to strongly deformed, dominantly chaotic with minor intervals of moderate foliation oriented at 40-50 TCA Alteration: Moderate patchy and stringers of chlorite alteration, moderate to strong patchy and spotted calcite alteration Mineralization: Rare to trace very fine grained Py mineralization Lower Contact: Sharp; oriented at 40 TCA

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

150.70 - 187.00: DFZ, -, MOD, Moderate to strong deformation

150.70 - 187.00: FOL, 40.00, WEAK, Weak to moderate foliation at 40-50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113732 | 150.7 | 152.0 | 1.3 | 0.018 | | | | |
| CAOND113733 | 152.0 | 153.5 | 1.5 | 0.033 | | | | |
| CAOND113734 | 153.5 | 155.0 | 1.5 | 0.024 | | | | |
| CAOND113735 | 155.0 | 156.5 | 1.5 | 0.032 | | | | |
| CAOND113736 | 156.5 | 158.0 | 1.5 | 0.018 | | | | |
| CAOND113737 | 158.0 | 159.5 | 1.5 | 0.027 | | | | |
| CAOND113738 | 159.5 | 161.0 | 1.5 | 0.110 | | | | |
| CAOND113739 | 161.0 | 162.5 | 1.5 | 0.012 | | | | |
| CAOND113740 | 162.5 | 164.0 | 1.5 | 0.027 | | | | |
| CAOND113741 | 164.0 | 165.5 | 1.5 | 0.242 | | | | |
| CAOND113742 | 165.5 | 167.0 | 1.5 | 0.025 | | | | |
| CAOND113743 | 167.0 | 168.5 | 1.5 | 0.013 | | | | |
| CAOND113744 | 168.5 | 170.0 | 1.5 | 0.018 | | | | |
| CAOND113746 | 170.0 | 171.5 | 1.5 | 0.032 | | | | |
| CAOND113747 | 171.5 | 173.0 | 1.5 | 0.012 | | | | |
| CAOND113748 | 173.0 | 174.5 | 1.5 | 0.028 | | | | |

**Hole number:** KLUC18-509

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113749 | 174.5 | 176.0 | 1.5 | 0.024 | | | | |
| CAOND113751 | 176.0 | 177.5 | 1.5 | 0.051 | | | | |
| CAOND113752 | 177.5 | 179.0 | 1.5 | 0.057 | | | | |
| CAOND113753 | 179.0 | 180.5 | 1.5 | 0.036 | | | | |
| CAOND113754 | 180.5 | 182.0 | 1.5 | 0.053 | | | | |
| CAOND113755 | 182.0 | 183.5 | 1.5 | 0.033 | | | | |
| CAOND113756 | 183.5 | 185.0 | 1.5 | 0.029 | | | | |
| CAOND113757 | 185.0 | 186.5 | 1.5 | 0.020 | | | | |
| CAOND113758 | 186.5 | 188.0 | 1.5 | 0.026 | | | | |
| CAOND113759 | 188.0 | 189.5 | 1.5 | 0.009 | | | | |
| CAOND113761 | 189.5 | 191.0 | 1.5 | 0.036 | | | | |
| CAOND113762 | 191.0 | 192.5 | 1.5 | 0.014 | | | | |
| CAOND113763 | 192.5 | 194.0 | 1.5 | 0.105 | | | | |
| CAOND113764 | 194.0 | 195.5 | 1.5 | 0.039 | | | | |
| CAOND113765 | 195.5 | 197.0 | 1.5 | 0.018 | | | | |
| CAOND113766 | 197.0 | 198.5 | 1.5 | 0.022 | | | | |
| CAOND113767 | 198.5 | 200.0 | 1.5 | 0.669 | | | | |
| CAOND113768 | 200.0 | 201.5 | 1.5 | 0.061 | | | | |
| CAOND113769 | 201.5 | 203.0 | 1.5 | 0.115 | | | | |
| CAOND113771 | 203.0 | 204.5 | 1.5 | 0.119 | | | | |
| CAOND113772 | 204.5 | 206.0 | 1.5 | 0.037 | | | | |
| CAOND113773 | 206.0 | 207.5 | 1.5 | 0.023 | | | | |
| CAOND113774 | 207.5 | 209.0 | 1.5 | 0.028 | | | | |
| CAOND113776 | 209.0 | 210.5 | 1.5 | 0.011 | | | | |
| CAOND113777 | 210.5 | 212.0 | 1.5 | 0.064 | | | | |
| CAOND113778 | 212.0 | 213.5 | 1.5 | 0.016 | | | | |
| CAOND113779 | 213.5 | 215.0 | 1.5 | 0.012 | | | | |
| CAOND113781 | 215.0 | 216.5 | 1.5 | 0.017 | | | | |
| CAOND113782 | 216.5 | 218.0 | 1.5 | 0.015 | | | | |
| CAOND113783 | 218.0 | 219.5 | 1.5 | 0.028 | | | | |
| CAOND113784 | 219.5 | 220.6 | 1.1 | 0.066 | | | | |

**Major:** **From:** 220.60 **To:** 225.20 I2Dp, Porphyritic Syenite

Composition: Dark purplish grey, fine grained and massive matrix with 5% 1-2mm sized phenocrysts;

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113785 | 220.6 | 222.0 | 1.4 | 0.003 | | | | |

## Hole number: KLUC18-509

I2D - Syenite Magnetism: Weakly magnetic Veinning: 3% irregular and chaotic qtz-cal-chl veinning occuring in 2x 30cm thick intervals Structure: No prominant structures observed Alteration: Weak chlorite and calcite alteration Mineralization: Rare very fine grained PY mineralization Lower Contact: Sharp oriented at 40 TCA

**VEIN**

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS

222.50 - 225.00: QtzCalChl, 5.00, -, -, -, PNK2_BASIC, -, -, 5% irregular, 1-2cm thick, pale orangish pink qtz-cal-chl veinning occuring in 2x interval 30cm thick where veinning occurs

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113786 | 222.0 | 222.8 | 0.8 | 0.003 | | | | |
| CAOND113787 | 222.8 | 224.0 | 1.2 | 0.055 | | | | |
| CAOND113788 | 224.0 | 225.2 | 1.2 | 0.048 | | | | |

**Major: From:** 225.20 **To:** 240.10 I2Dm, Mafic Syenite

Composition: Patchy pale and medium pink, medium pinkish brown, dark green, dark purplish grey and dark grey, chaotic, vuggy, grundgy, moderately deformed, could be classified as a tuff?; I2Dm - Mafic Syenite Magnetism: Moderately magnetic Veinning: 1-2% chaotic pink calcite veinning Structure: Moderately to strongly deformed, dominantly chaotic with minor intervals of moderate foliation oriented at 40-50 TCA Alteration: Moderate patchy and stringers of chlorite alteration, moderate to strong patchy and spotted calcite alteration Mineralization: Rare to trace very fine grained Py mineralization Lower Contact: Sharp; oriented at 40 TCA Minor units: 228.5-229.3m = dark purple syenite

**MINOR INTERVAL**

228.50 - 229.30: I2DDark purple, fine grained, massive; I2D - Syenite Moderate calcite and weak chlorite alteration Moderate deformation and foliation at 40-50 TCA Contacts are sharp; oriented at 70 (upper) and 30 (lower)

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

225.20 - 240.10: DFZ, -, MOD, Moderate to strong deformation

225.20 - 240.10: FOL, 40.00, MOD, Moderate foliation at 40-50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113789 | 225.2 | 226.5 | 1.3 | 0.003 | | | | |
| CAOND113791 | 226.5 | 227.5 | 1.0 | 1.650 | | | | |
| CAOND113792 | 227.5 | 228.5 | 1.0 | 0.003 | | | | |
| CAOND113793 | 228.5 | 229.3 | 0.8 | 0.026 | | | | |
| CAOND113794 | 229.3 | 230.5 | 1.2 | 0.008 | | | | |
| CAOND113795 | 230.5 | 232.0 | 1.5 | 0.051 | | | | |
| CAOND113796 | 232.0 | 233.5 | 1.5 | 0.024 | | | | |
| CAOND113797 | 233.5 | 235.0 | 1.5 | 0.061 | | | | |
| CAOND113798 | 235.0 | 236.5 | 1.5 | 0.042 | | | | |
| CAOND113799 | 236.5 | 238.0 | 1.5 | 0.318 | | | | |
| CAOND113801 | 238.0 | 239.0 | 1.0 | 0.016 | | | | |
| CAOND113802 | 239.0 | 240.1 | 1.1 | 0.023 | | | | |

**Major: From:** 240.10 **To:** 244.60 I2D, Syénite

Composition: Dark purplish grey, fine grained and massive matrix with 5% 1-2mm sized phenocrysts; I2D - Syenite Magnetism: Weakly magnetic Veinning: 3% irregular, chaotic and vuggy, oragnish pink qtz-cal-chl veinning Structure: No prominant structures observed Alteration: Weak chlorite and calcite alteration Mineralization: Rare very fine grained PY mineralization Lower Contact: Gradual, sheared. Contact occuring over 3m within a strongly sheared interval between two syenite intrusions?

**VEIN**

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS

240.10 - 244.60: QtzCalChl, 3.00, -, -, -, PNK2_BASIC, -, -, 3% irregular and choatic, 1-2cm thick, orangish pink, vuggy qtz-cal-chl veinning

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113803 | 240.1 | 241.5 | 1.4 | 0.041 | | | | |
| CAOND113804 | 241.5 | 243.0 | 1.5 | 0.016 | | | | |
| CAOND113805 | 243.0 | 244.0 | 1.0 | 0.016 | | | | |
| CAOND113806 | 244.0 | 244.6 | 0.6 | 0.039 | | | | |

**Major: From:** 244.60 **To:** 248.00 CTZ, Contact Zone

Contact zone between two syenite intrusions. Upper = umineralized, fine grained and dark purple and lower = orangish pink, deformed and mineralized. Progessive and gradual increase in intensity of deformation and shearing towards lower contact with orangish colour and mineralized syenite

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113807 | 244.6 | 246.0 | 1.4 | 0.673 | | | | |
| CAOND113808 | 246.0 | 247.0 | 1.0 | 0.059 | | | | |

**Hole number:** KLUC18-509

intrusion. Could be a minor unit between the two intrusions that has been sheared?

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

244.60 - 248.00: DFZ, -, STRONG, Weak deformation and sheared gradually increasing to strong. Occuring in a contact zone between 2 syenite intrusions

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113809 | 247.0 | 248.0 | 1.0 | 0.091 | | | | |

**Major:** **From:** 248.00 **To:** 254.80 I2D, Syénite

Composition: Medium to dark orangish-red, fine grained, massive, deformed and altered; I2D - Syenite Magnetism: Non magnetic Veinning: 2% pale grey irregular qtz veinning Structure: Moderately deformed, dominantly brittle deformation with abundant microfractures, local foliation at 40-50 TCA Alteration: Moderate microfracture controlled chlorite Mineralization: 2-3% locally up to 5% very fine to fine grained disseminated Py mineralization dominantly associated with calcite altered patches. 2-3% clusters of disseminated specularite. Lower Contact: Sharp; oriented at 35 TCA

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

248.00 - 254.80: PYR, DIS, 2.00, -, -, 2-3% locally up to 5% very fine grained, disseminated Py minerlaization

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

248.00 - 250.00: FOL, 40.00, MOD, Moderate foliation at 40-50 TCA

248.00 - 254.80: DFZ, -, MOD, Moderate to strongly deformed, dominantly brittle associated with microfracturing and alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113810 | 248.0 | 249.5 | 1.5 | 5.690 | | | | |
| CAOND113811 | 249.5 | 251.0 | 1.5 | 0.123 | | | | |
| CAOND113812 | 251.0 | 252.5 | 1.5 | 0.224 | | | | |
| CAOND113813 | 252.5 | 254.0 | 1.5 | 0.052 | | | | |
| CAOND113814 | 254.0 | 254.8 | 0.8 | 0.093 | | | | |

**Major:** **From:** 254.80 **To:** 264.10 V9, Tuf

Composition: Dark green and dark grey matrix with intense spots and patches of pale beige and grey colouring, chaotic, deformed and altered, vuggy; V9 - Tuff Magnetism: Non magnetic Veinning: Inensely intruded by mm scale carbonate veinlets Structure: Moderate chaotic deformation Alteration: Moderate to strong dolomite alteration Mineralization: Rare very fine grained Py mineralization Lower Contact: Sharp

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

254.80 - 255.00: PYR, DIS, 2.00, -, -, 2-3% locally up to 5% very fine grained, disseminated Py minerlaization

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113816 | 254.8 | 256.0 | 1.2 | 0.050 | | | | |
| CAOND113817 | 256.0 | 257.5 | 1.5 | 0.020 | | | | |
| CAOND113818 | 257.5 | 259.0 | 1.5 | 0.045 | | | | |
| CAOND113819 | 259.0 | 260.5 | 1.5 | 0.065 | | | | |
| CAOND113821 | 260.5 | 262.0 | 1.5 | 0.212 | | | | |
| CAOND113822 | 262.0 | 263.0 | 1.0 | 0.237 | | | | |
| CAOND113823 | 263.0 | 264.1 | 1.1 | 0.045 | | | | |

**Major:** **From:** 264.10 **To:** 275.90 I2D, Syénite

Composition: Medium to dark orangish-red, fine grained, massive, deformed and altered; I2D - Syenite Magnetism: Non magnetic Veinning: 5-10% pale orangish-pink, preferentially alignment qtz veinning oriented at 60-70 TCA Structure: Moderate to strongly brittely deformed with intense microfractures, moderate preferential alignment at 50-70 TCA Alteration: Moderate microfracture controlled chlorite, moderate to strong pervasive hematite alteration Mineralization: 2-3% fine grained disseminated Py mineralization with local 3-4cm thick clusters with up to 10% Py, trace clustered Galena and 5%

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113824 | 264.1 | 265.5 | 1.4 | 0.311 | | | | |
| CAOND113826 | 265.5 | 267.0 | 1.5 | 0.183 | | | | |
| CAOND113827 | 267.0 | 268.0 | 1.0 | 0.183 | | | | |
| CAOND113828 | 268.0 | 268.8 | 0.8 | 0.244 | | | | |

**Hole number:** KLUC18-509

clustered Chalcopyrite mineralization @ 267m Lower Contact: Sharp; oriented at 70 TCA Minor units: 268-268.8m = Strongly sheared trachyte tuff 272.2-272.7m = Strongly sheared trahyte tuff

**MINOR INTERVAL**

268.00 - 268.80: V8tMedium purple-pink, medium to dark green, pale to medium beige, strongly sheared; V8t - TRachytic tuff. Strongly deformed and sheared, foliation oriented at 40-50 TCA. 1% very fine grained Py mineralization. Contacts are sharp; oriented at 40-50 TCA

**MINOR INTERVAL**

272.20 - 272.70: V8tMedium purple-pink, medium to dark green, pale to medium beige, strongly sheared; V8t - TRachytic tuff. Strongly deformed and sheared, foliation oriented at 40-50 TCA. 1% very fine grained Py mineralization. Contacts are sharp; oriented at 40-50 TCA

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

264.10 - 275.90: PYR, DIS, 2.00, -, -, 2-3% local clusters with up to 10% fine grained disseminated Py mineralization

266.80 - 267.00: CPY, PAT, 5.00, -, -, 5% clustered Cp

266.80 - 267.00: GAL, PAT, 1.00, -, -, 1% clustered Galena

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

264.10 - 275.90: HEM+, PEN, STRONG, RED2_BASIC, -, Strong pervasive hematite alteration

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

264.10 - 275.90: DFZ, -, MOD, Moderate to strongly deformed, dominantly brittle associated with microfracturing, alteration and quartz veinning

**VEIN**

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS

264.10 - 275.90: QTZ, 5.00, -, -, CAO, PNK2_BASIC, PYR, 2.00, 5-10% pale orangish-pink, preferentially alignment qtz veinning oriented at 60-70 TCA, 2-3% fine grained disseminated Py mineralization in veins and margins

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113829 | 268.8 | 270.0 | 1.2 | 0.213 | | | | |
| CAOND113831 | 270.0 | 271.0 | 1.0 | 0.160 | | | | |
| CAOND113832 | 271.0 | 272.2 | 1.2 | 0.062 | | | | |
| CAOND113833 | 272.2 | 272.7 | 0.5 | 0.014 | | | | |
| CAOND113834 | 272.7 | 274.0 | 1.3 | 0.037 | | | | |
| CAOND113835 | 274.0 | 275.0 | 1.0 | 0.154 | | | | |
| CAOND113836 | 275.0 | 275.9 | 0.9 | 0.140 | | | | |

**Major:** **From:** 275.90 **To:** 323.00 V8t, Trachytic tuff

Composition: Medium beige, medium green, medium grey, medium yellowish green with minor patches of purple-pink and orangish-red, mylonitic; V8t - Trachyte tuff Magnetism: Dominantly non magnetic with minor moderately magnatic intervals associated with disseminated magnetic Veinning: 5% sheared milky white coloured qtz veinning 1-3cm thick Structure: Strong deformation and shearing, local crenulations and chaotic folding. Moderate to strong foliation at 40-50 TCA Alteration: Moderate pervasive sericite alteration, moderate pervasive chlorite alteration. Possible albite bleaching? and silicification? Mineralization: 1-2% locally 2-3% very fine and fine grained, disseminated Py mineralization. 1-2% fine grained disseminated magnetite Lower Contact: Gradational, lower contact is placed where rock becomes magnetic and matrix becomes more consistently mafic in composition

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113837 | 275.9 | 277.0 | 1.1 | 0.836 | | | | |
| CAOND113838 | 277.0 | 278.5 | 1.5 | 0.499 | | | | |
| CAOND113839 | 278.5 | 280.0 | 1.5 | 0.157 | | | | |
| CAOND113840 | 280.0 | 281.5 | 1.5 | 0.038 | | | | |
| CAOND113841 | 281.5 | 283.0 | 1.5 | 0.030 | | | | |
| CAOND113842 | 283.0 | 284.5 | 1.5 | 0.048 | | | | |
| CAOND113843 | 284.5 | 286.0 | 1.5 | 0.047 | | | | |

## Hole number: KLUC18-509

### MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

275.90 - 276.00: PYR, DIS, 2.00, -, -, 2-3% local clusters with up to 10% fine grained disseminated Py mineralization
276.00 - 299.00: PYR, DIS, 1.00, -, -, 1-2% locally 2-3% fine grained disseminated Py mineralization
279.00 - 282.00: MAG, DIS, 1.00, -, -, 1-2% fine grained disseminated Mt mineralization
299.00 - 323.00: PYR, DIS, 2.00, -, -, 3-5% fine graiend dissemianted Py mineralization
301.50 - 302.00: GAL, DIS, 5.00, -, -, 5% medium grained galena disseminated in a milky white qtz vein

### ALTERATION

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

275.90 - 276.00: HEM+, PEN, STRONG, RED2_BASIC, -, Strong pervasive hematite alteration
276.00 - 323.00: CHL+, PEN, MOD, -, -, Moderate to strong Chl alteration
276.00 - 323.00: SER+, PEN, MOD, -, -, Moderate to strong Se alteration

### STRUCTURE

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

275.90 - 276.00: DFZ, -, MOD, Moderate to strongly deformed, dominantly brittle associated with microfracturing, alteration and quartz veinning
276.00 - 278.00: FOL, 40.00, MOD, Moderate to strong FO at 40 TCA
276.00 - 323.00: DFZ, -, STRONG, Strong deformation and shearing with minor intervals with 2 planes of foliation, chaotic folding, and crenuations
278.00 - 280.00: FOL, 30.00, MOD, Moderate to strong FO at 30 TCA
280.00 - 323.00: FOL, 40.00, MOD, Moderate to strong FO at 40-50 TCA
317.50 - 321.00: BRC, -, MOD, Weak to moderate local scale brecciation
317.50 - 321.00: FAL, -, -, Possible brittle fault zone defined by the strong fracutring and brecciation
317.70 - 318.30: FRA, -, STRONG, Strong fracturring into less than 1cm to 3cm thick angular pieces

### VEIN

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS

275.90 - 276.00: QTZ, 5.00, -, -, CAO, PNK2_BASIC, PYR, 2.00, 5-10% pale orangish-pink, preferentially alignment qtz veinning oriented at 60-70 TCA, 2-3% fine grained disseminated Py mineralization in veins and margins
276.00 - 289.00: QTZ, 5.00, -, -, CHI, GRY_00025, -, -, 5% chaotic and slightly folded but preferentially alignment at 40-50 TCA, milky white qtz veinning 1-3cm thick
301.50 - 302.00: QTZ, 30.00, -, -, -, GRY_00025, GAL, -, 15cm thick milky white qtz-ab? vein with 3% medium grained dissemianted Gn? and 3% very fine grained Py mineralizaiton in margins. Contacts are sharp but irregular and wavy

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113844 | 286.0 | 287.5 | 1.5 | 0.026 | | | | |
| CAOND113846 | 287.5 | 289.0 | 1.5 | 0.056 | | | | |
| CAOND113847 | 289.0 | 290.5 | 1.5 | 0.006 | | | | |
| CAOND113848 | 290.5 | 292.0 | 1.5 | 0.200 | | | | |
| CAOND113849 | 292.0 | 293.5 | 1.5 | 0.141 | | | | |
| CAOND113851 | 293.5 | 295.0 | 1.5 | 0.044 | | | | |
| CAOND113852 | 295.0 | 296.5 | 1.5 | 0.567 | | | | |
| CAOND113853 | 296.5 | 298.0 | 1.5 | 0.054 | | | | |
| CAOND113854 | 298.0 | 299.5 | 1.5 | 1.285 | | | | |
| CAOND113855 | 299.5 | 300.5 | 1.0 | 1.020 | | | | |
| CAOND113856 | 300.5 | 301.5 | 1.0 | 1.100 | | | | |
| CAOND113857 | 301.5 | 302.0 | 0.5 | 2.460 | | | | |
| CAOND113858 | 302.0 | 303.0 | 1.0 | 5.690 | | | | |
| CAOND113859 | 303.0 | 304.5 | 1.5 | 1.045 | | | | |
| CAOND113861 | 304.5 | 306.0 | 1.5 | 0.529 | | | | |
| CAOND113862 | 306.0 | 307.5 | 1.5 | 0.960 | | | | |
| CAOND113863 | 307.5 | 309.0 | 1.5 | 0.046 | | | | |
| CAOND113864 | 309.0 | 310.0 | 1.0 | 0.075 | | | | |
| CAOND113865 | 310.0 | 311.0 | 1.0 | 2.980 | | | | |
| CAOND113866 | 311.0 | 312.5 | 1.5 | 0.200 | | | | |
| CAOND113867 | 312.5 | 314.0 | 1.5 | 0.381 | | | | |
| CAOND113868 | 314.0 | 315.5 | 1.5 | 0.078 | | | | |
| CAOND113869 | 315.5 | 317.0 | 1.5 | 0.194 | | | | |
| CAOND113871 | 317.0 | 318.3 | 1.3 | 0.144 | | | | |
| CAOND113872 | 318.3 | 319.5 | 1.2 | 0.058 | | | | |
| CAOND113873 | 319.5 | 321.0 | 1.5 | 0.051 | | | | |
| CAOND113874 | 321.0 | 322.0 | 1.0 | 0.175 | | | | |
| CAOND113876 | 322.0 | 323.0 | 1.0 | 0.060 | | | | |

**Major:** **From:** 323.00 **To:** 328.70 V8mtl, Trachyte mafic tuff lapilli

Composition: Dark green fine grained matrix with patches of dark purplish red, medium red and beige, strongly deformed; V8mtl - Mafic trachyte lapilli tuff (red-spotted?). Clasts are flattened and elongated, subrounded egde and ranging from 1-5mm in size. Magnetism: Weak to moderately magnetic Veinning:

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113877 | 323.0 | 324.5 | 1.5 | 0.007 | | | | |
| CAOND113878 | 324.5 | 326.0 | 1.5 | 0.010 | | | | |

**Hole number:** KLUC18-509

1-2% 1cm thick, white qtz veininning parallel to deformation Structure: Strongly deformed with moderate preferential alignment at 40-50 TCA; defined by the flattening and alignment of clasts and f.gr. matrix Alteration: Moderate stringers of chlorite alteration, moderate spotted dolomite? and patchy moderate hem alteration Mineralization: 1% very fine grained Py mineralization Lower Contact: Sharp oriented at 50 TCA

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

323.00 - 328.70: PYR, DIS, 1.00, -, VFG, 1% v.f.gr. Py mineralization

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

323.00 - 324.00: CHL+, PEN, MOD, -, -, Moderate to strong Chl alteration

323.00 - 324.00: SER+, PEN, MOD, -, -, Moderate to strong Se alteration

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

323.00 - 324.00: DFZ, -, STRONG, Strong deformation and shearing with minor intervals with 2 planes of foliation, chaotic folding, and crenuations

323.00 - 324.00: FOL, 40.00, MOD, Moderate to strong FO at 40-50 TCA

323.00 - 328.70: DFZ, 40.00, STRONG, Strong deformation oriented at 40-50 TCA

323.00 - 328.70: FOL, 40.00, MOD, Moderate foliation at 40-50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113879 | 326.0 | 327.5 | 1.5 | 0.016 | | | | |
| CAOND113881 | 327.5 | 328.7 | 1.2 | 0.018 | | | | |

**Major:** **From:** 328.70 **To:** 349.40 V8t, Trachytic tuff

Composition: Medium beige, medium green, medium grey, medium yellowish green, strongly deformed and sheared, mylonitic; V8t - Trachyte tuff Magnetism: Dominantly non magnetic with minor moderately magnatic intervals associated with disseminated magnetite Veinning: 2-3% chaotic milky white coloured qtz veinning 1-3cm thick Structure: Strong deformation and shearing, local crenulations and chaotic folding. Moderate to strong foliation at 40-50 TCA Alteration: Moderate to strong pervasive sericite alteration, moderate pervasive chlorite alteration. Possible albite bleaching? and silicification? Mineralization: 2-3% very fine and fine grained, disseminated Py mineralization. 1-2% fine grained disseminated magnetite Lower Contact: Gradational, lower contact is placed where rock becomes magnetic and matrix becomes more consistently mafic in composition and appearance of red spots

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

328.70 - 349.40: PYR, DIS, 2.00, -, FGR, 2-3% v.fgr. and f.gr. dissemianted Py

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

328.70 - 349.40: CHL+, PAT, MOD, -, -, Moderate patchy chlorite alteration

328.70 - 349.40: SER+, PEN, STRONG, -, -, Strong to moderate pervasive sericite alteration

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113882 | 328.7 | 330.0 | 1.3 | 0.155 | | | | |
| CAOND113883 | 330.0 | 331.5 | 1.5 | 0.152 | | | | |
| CAOND113884 | 331.5 | 333.0 | 1.5 | 0.338 | | | | |
| CAOND113885 | 333.0 | 334.5 | 1.5 | 0.070 | | | | |
| CAOND113886 | 334.5 | 336.0 | 1.5 | 0.078 | | | | |
| CAOND113887 | 336.0 | 337.5 | 1.5 | 0.123 | | | | |
| CAOND113888 | 337.5 | 339.0 | 1.5 | 0.120 | | | | |
| CAOND113889 | 339.0 | 340.5 | 1.5 | 0.172 | | | | |
| CAOND113891 | 340.5 | 342.0 | 1.5 | 0.095 | | | | |
| CAOND113892 | 342.0 | 343.5 | 1.5 | 0.163 | | | | |
| CAOND113893 | 343.5 | 345.0 | 1.5 | 0.115 | | | | |
| CAOND113894 | 345.0 | 346.5 | 1.5 | 0.116 | | | | |
| CAOND113895 | 346.5 | 347.5 | 1.0 | 0.067 | | | | |
| CAOND113896 | 347.5 | 348.5 | 1.0 | 0.132 | | | | |
| CAOND113897 | 348.5 | 349.4 | 0.9 | 0.233 | | | | |

328.70 - 337.00: FOL, 30.00, MOD, Moderate to strong foliation at 30-40 TCA
328.70 - 349.40: DFZ, 40.00, STRONG, Strong deformation and shearing
337.00 - 349.40: FOL, 40.00, MOD, Moderate to strong foliation oriented at 40-50 TCA

**VEIN**
TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS
328.70 - 332.00: QTZ, 3.00, -, -, CAO, GRY2_BASIC, -, -, 3% chaotic, pale grey qtz veinning
332.00 - 336.00: QTZ, 3.00, -, -, CAO, GRY_00025, -, -, 3% chaotic, milky white qtz veinning
342.00 - 349.40: QTZ, 5.00, -, -, CAO, GRY_00025, PYR, 2.00, 5% chaotic, milky white qtz veinning, chaotically folded but trending parallel to deformation, dominantly 2-3cm thick with minor up to 5cm thick, 2-3% f.gr. diss. Py mineralization in margins

**Major:** **From:** 349.40 **To:** 355.10 V8mtl, Trachyte mafic tuff lapilli

Composition: Dark green fine grained matrix with patches of dark purplish red, medium red and beige, strongly deformed; V8mtl - Mafic trachyte lapilli tuff (red-spotted?). Clasts are flattened and elongated, subrounded egde and ranging from 1-5mm thick. Magnetism: Weak to moderately magnetic Veinning: 2-3% 1-2cm thick, milky white qtz veininning parallel to deformation Structure: Strongly deformed with moderate preferential alignment at 40-50 TCA; defined by the flattening and alignment of clasts and f.gr. matrix Alteration: Moderate stringers of chlorite alteration, moderate spotted dolomite? and patchy moderate hem alteration occuring in the clasts Mineralization: 1% very fine grained Py mineralization Lower Contact: Gradational, contact is placed where clasts sudden diminish in abundance and textures are dominantly fine grained

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
349.40 - 355.10: PYR, DIS, 1.00, -, VFG, 1-2% v.f.gr. disseminated Py mineralization but minor clusters with up to 5%

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS
349.40 - 355.10: HEM+, PAT, MOD, -, -, Moderate to strong hematite alteration occuring in clasts

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
349.40 - 355.10: DFZ, 40.00, STRONG, Strong deformation and shearing defined by the flattening and alignment of clasts and matrix
349.40 - 355.10: FOL, 40.00, MOD, Moderate to strong foliation at 40-50 TCA, defined by the alignment of clasts

**VEIN**
TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS
349.40 - 355.10: QTZ, 3.00, -, -, CAO, GRY_00025, -, -, 3% chaotic, sheared and discontinuous milky white qtz veinning

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113898 | 349.4 | 350.5 | 1.1 | 0.060 | | | | |
| CAOND113899 | 350.5 | 352.0 | 1.5 | 0.045 | | | | |
| CAOND113901 | 352.0 | 353.0 | 1.0 | 0.036 | | | | |
| CAOND113902 | 353.0 | 354.0 | 1.0 | 0.040 | | | | |
| CAOND113903 | 354.0 | 355.1 | 1.1 | 0.117 | | | | |

## Hole number: KLUC18-509

**Major:** **From:** 355.10 **To:** 380.30 V8mt, Trachyte mafic tuff

Composition: Dark green and dark grey with minor patches of medium orangish red and slightly bleached intervals appearing paler grey; V8mt - Trachyte mafic tuff Magnetism: Moderately magnetic Veinning: 2% milky white, chaotic and folded but trending parallel to deformation qtz veinning Structure: Strong deformation and shearing, local intervals of strong foliation at 30-50 TCA, crenulations and chaotic folding also observed. Alteration: Moderate to strong pervasive chlorite alteration, moderate to strong patchy and spotted dolomite alteration and minor intervals that are momderately silicified? Mineralization: 2-3% very fine grained dissemianted Py mineralization and 2-3% very fine grained disseminated Mt mineralization Lower Contact: Sharp but irregular and wavy

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

355.10 - 380.30: MAG, DIS, 2.00, -, VFG, 2-3% v.f.gr. diss. Mt mineralization
355.10 - 380.30: PYR, DIS, 2.00, -, VFG, 2-3% v.f.gr. diss. Py mineralization

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

355.10 - 380.30: CHL+, PEN, MOD, -, -, Moderate to strong pervasive chlorite alteration
355.10 - 380.30: DOL+, PAT, STRONG, -, -, Strong to moderate patchy and spotted dolomite alteration
358.20 - 359.70: HEM+, PEN, MOD, -, -, Moderate pervasive hemation alteration

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

355.10 - 358.10: DFZ, 30.00, STRONG, Strong deformation and shearing with preferential alignment at 30-40 TCA
355.10 - 358.10: FOL, 30.00, MOD, Moderate to strong foliation at 30-40 TCA
358.10 - 367.00: FLD, -, MOD, Moderate chaotic folding and chaotic deformation, localy moderate foliation at a variety of orientations 70-80 and 30-40
358.10 - 380.30: DFZ, -, STRONG, Chaotic strong deformation and shearing, chaotic folding, crenulation oriented at 20 and 60 TCA, flipping of orientation plane
367.00 - 372.00: CRN, 20.00, STRONG, Strong mm scale crenulations oriented at 20 TCA down core and 60 TCa up core. There appears to be a flip in fabric orientation

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113904 | 355.1 | 356.5 | 1.4 | 0.286 | | | | |
| CAOND113905 | 356.5 | 358.0 | 1.5 | 0.034 | | | | |
| CAOND113906 | 358.0 | 359.5 | 1.5 | 0.563 | | | | |
| CAOND113907 | 359.5 | 361.0 | 1.5 | 0.026 | | | | |
| CAOND113908 | 361.0 | 362.5 | 1.5 | 0.046 | | | | |
| CAOND113909 | 362.5 | 364.0 | 1.5 | 0.063 | | | | |
| CAOND113910 | 364.0 | 365.5 | 1.5 | 0.027 | | | | |
| CAOND113911 | 365.5 | 367.0 | 1.5 | 0.030 | | | | |
| CAOND113912 | 367.0 | 368.5 | 1.5 | 0.044 | | | | |
| CAOND113913 | 368.5 | 370.0 | 1.5 | 0.015 | | | | |
| CAOND113914 | 370.0 | 371.5 | 1.5 | 0.014 | | | | |
| CAOND113916 | 371.5 | 373.0 | 1.5 | 0.026 | | | | |
| CAOND113917 | 373.0 | 374.5 | 1.5 | 0.691 | | | | |
| CAOND113918 | 374.5 | 376.0 | 1.5 | 0.413 | | | | |
| CAOND113919 | 376.0 | 377.5 | 1.5 | 0.039 | | | | |
| CAOND113921 | 377.5 | 379.0 | 1.5 | 0.091 | | | | |
| CAOND113922 | 379.0 | 380.3 | 1.3 | 0.067 | | | | |

**Major:** **From:** 380.30 **To:** 387.70 I2Dp, Porphyritic Syenite

Composition: Medium red and medium yellowish green, porphyritic, strongly silicified and brittely deformed; I2Dp - Syenite porphyry Magnetism: Non magnetic Veinning: 15% chaotic pale grey quartz veinning Structure: Strong brittle deformation associated with brecciation, and abundance of veinning and healed fracutres. Alteration: Moderate patchy Se? alteration, moderate to strong pervasive silicification Mineralization: 2-3% very fine grained Py mineralization Lower Contact: Sharp but strongly silicified

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

380.30 - 387.70: PYR, DIS, 2.00, -, VFG, 2-3% v.gr. diss. Py mineralization

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113923 | 380.3 | 381.5 | 1.2 | 0.513 | | | | |
| CAOND113924 | 381.5 | 383.0 | 1.5 | 0.544 | | | | |
| CAOND113926 | 383.0 | 384.5 | 1.5 | 0.381 | | | | |
| CAOND113927 | 384.5 | 386.0 | 1.5 | 0.425 | | | | |
| CAOND113928 | 386.0 | 387.0 | 1.0 | 1.025 | | | | |
| CAOND113929 | 387.0 | 387.7 | 0.7 | 0.539 | | | | |

**Hole number:** KLUC18-509

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS
380.30 - 387.70: SIC+, PEN, STRONG, -, -, Moderate to strong pervasive Si alteration

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
380.30 - 387.70: DFZ, -, MOD, Moderate brittle deformation, defined by local brecciation and abundance of veinning and healed fracturing

**VEIN**
TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS
380.30 - 387.70: QTZ, 15.00, -, -, CAO, GRY2_BASIC, -, -, 15% chaotic network of pale grey qtz veinning less than 1cm thick

**Major:** **From:** 387.70 **To:** 428.80 V8mt, Trachyte mafic tuff

Composition: Dark green, dark grey and patches of medium to dark purplish red, fine grained and strongly deformed; V8mt - Trachyte mafic tuff Magnetism: Non magnetic at upper contact but moderately magnetic throughout Veinning: 3% milky white qtz veinning dominantly boudinaged and mm thick. 1x 3cm thick folded qtz vein trending at 20-30 TCa and occuring over 50cm Structure: Strong deformation and shearing, moderate to strong foliation at 20-30 TCA Alteration: Moderate pervasive Se alteration at upper contact Mineralization: 2-3% local 3-5% fine grained, disseminated Py mineralization and local 2-3% fine grained disseminated Mt mineralization Lower Contact: Gradational, contact placed at first appearance of lapilli sized clasts and chaotic pink vuggy calcite patches

**MINOR INTERVAL**
405.40 - 406.50: I2DMinor medium to dark reddish, pinkish and purplish brown, moderately deformed; I2D - Syenite. 3% mm scale milky white qtz veins, parallel at 70-80 TCA. 3% clustered very fine grained Py mineralization Contacts are relatively sharp

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS
387.70 - 391.00: SER+, PEN, MOD, -, -, MOderate pervasive Se alteration
387.70 - 391.00: SIC+, PEN, MOD, -, -, Moderate pervasive Si alteration

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
387.70 - 404.00: DFZ, 20.00, STRONG, Strong deformation defined by folded veins and preferential alignment
387.70 - 404.00: FOL, 20.00, MOD, Moderate to strong foliation at 20-30 TCA
404.00 - 412.00: DFZ, 40.00, STRONG, Strong to moderate deformation, chaotic but preferentialliy aligned at 40-50 TCA
404.00 - 415.40: FOL, 40.00, MOD, Moderate to strong foliation at 40-50 TCA
415.40 - 428.80: DFZ, -, MOD, Moderate to strong deformation but more chaotic with less finely laminated foliation planes. Weak preferential alignment at 40-50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113931 | 387.7 | 389.0 | 1.3 | 0.303 | | | | |
| CAOND113932 | 389.0 | 390.5 | 1.5 | 0.557 | | | | |
| CAOND113933 | 390.5 | 392.0 | 1.5 | 0.061 | | | | |
| CAOND113934 | 392.0 | 393.5 | 1.5 | 0.611 | | | | |
| CAOND113935 | 393.5 | 395.0 | 1.5 | 0.472 | | | | |
| CAOND113936 | 395.0 | 396.5 | 1.5 | 0.041 | | | | |
| CAOND113937 | 396.5 | 398.0 | 1.5 | 0.085 | | | | |
| CAOND113938 | 398.0 | 399.5 | 1.5 | 0.019 | | | | |
| CAOND113939 | 399.5 | 401.0 | 1.5 | 0.018 | | | | |
| CAOND113940 | 401.0 | 402.5 | 1.5 | 0.013 | | | | |
| CAOND113941 | 402.5 | 404.0 | 1.5 | 0.260 | | | | |
| CAOND113942 | 404.0 | 405.5 | 1.5 | 0.009 | | | | |
| CAOND113943 | 405.5 | 407.0 | 1.5 | 0.007 | | | | |
| CAOND113944 | 407.0 | 408.5 | 1.5 | 0.008 | | | | |
| CAOND113946 | 408.5 | 410.0 | 1.5 | 0.010 | | | | |
| CAOND113947 | 410.0 | 411.5 | 1.5 | 0.009 | | | | |
| CAOND113948 | 411.5 | 413.0 | 1.5 | 0.013 | | | | |
| CAOND113949 | 413.0 | 414.0 | 1.0 | 0.016 | | | | |
| CAOND113951 | 414.0 | 415.4 | 1.4 | 0.401 | | | | |
| CAOND113952 | 415.4 | 416.5 | 1.1 | 1.230 | | | | |
| CAOND113953 | 416.5 | 418.0 | 1.5 | 0.146 | | | | |
| CAOND113954 | 418.0 | 419.5 | 1.5 | 0.050 | | | | |

## Hole number: KLUC18-509

**VEIN**
TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS
389.40 - 390.00: QTZ, 20.00, -, -, CAO, GRY_00025, -, -, 20% 1x milky white qtz vein that is folded, 3-4cm thick and trending at 20-30 TCA occuring over 50cm
400.00 - 401.00: QTZ, 3.00, -, -, -, -, -, -, 3% chaotic qtz-hem veinning, less than 1cm thick and at no preferred orientation

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113955 | 419.5 | 421.0 | 1.5 | 0.739 | | | | |
| CAOND113956 | 421.0 | 422.5 | 1.5 | 0.020 | | | | |
| CAOND113957 | 422.5 | 424.0 | 1.5 | 0.012 | | | | |
| CAOND113958 | 424.0 | 425.5 | 1.5 | 0.013 | | | | |
| CAOND113959 | 425.5 | 426.5 | 1.0 | 0.012 | | | | |
| CAOND113961 | 426.5 | 427.8 | 1.3 | 0.014 | | | | |
| CAOND113962 | 427.8 | 428.8 | 1.0 | 0.021 | | | | |

**Major:** **From:** 428.80 **To:** 436.00 V8mtl, Trachyte mafic tuff lapilli

Composition: DArk green matrix with chaotic pale pink and oragnish pink clasts and veinning; V8mtl - Trachyte mafic tuff lapilli. Magnetism: Moderately magnetic Veinning: 40-50 % chaotic, whispy, deformed calcite veinning / alteration Structure: Moderate pervasive deformation with weak to moderate preferential alignment at 40-50 TCA. Alteration: Moderate pervasive chl alteration in matrix and moderate to strong calcite alteration occuring in chaotic patches. Mineralization: 1-2% very fine grained, disseminated Py mineralization throughout with minor clusters with 5-8% disseminated Py. Lower Contact: Sharp and straight. Oriented at 60 TCA

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
428.80 - 430.00: DFZ, -, MOD, Moderate to strong deformation but more chaotic with less finely laminated foliation planes. Weak preferential alignment at 40-50 TCA

**VEIN**
TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS
428.80 - 436.00: CAL, 40.00, -, -, VUG, PNK2_BASIC, -, -, 40% chaotic and whispy, vuggy calcite veinning

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113963 | 428.8 | 430.0 | 1.2 | 0.049 | | | | |
| CAOND113964 | 430.0 | 431.5 | 1.5 | 0.032 | | | | |
| CAOND113965 | 431.5 | 433.0 | 1.5 | 0.018 | | | | |
| CAOND113966 | 433.0 | 434.5 | 1.5 | 0.020 | | | | |
| CAOND113967 | 434.5 | 436.0 | 1.5 | 0.010 | | | | |

**Major:** **From:** 436.00 **To:** 441.90 I2Dt, Trachytic Syenite

Composition: 60% fine grained and massive medium to dark pink syenite intrusion and 40% dark green, fine grained moderately foliated mafic trachyte or mafic trachyte tuff? Multiple occurences and alternation of the two units. I2Dt - Syenite trachytic. Magnetism: Both are moderately magnetic. Veinning: 2% chaotic qtz-cal-chl veinning in syenite and 3-5% chaotic and whispy calcite veinning in both units. Structure: Moderate deformation and foliation at 40-50 TCA occuring in the trachytic unit. Weak brittle deformation and healed fracturing in syenite units. Alteration: Moderate patchy calcite alteration in both units. Mineralization: Trace very fine grained Py mineralization throughout. Lower Contact: Sharp oriented at 50 TCA. Units: 436-438.2m = syenite, 438.2-439.7m = trachytic, 439.7-441.9 = syenite.

**VEIN**
TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS
436.90 - 437.10: QTZ, 75.00, -, -, CAO, RED2_BASIC, -, -, 75% chaotic and folded qtz-hem-cal veinning
440.80 - 441.10: QTZ, 90.00, -, -, -, PNK2_BASIC, -, -, 15cm thick qtz-cal-hem vein with sharp contact

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113968 | 436.0 | 437.1 | 1.1 | 0.003 | | | | |
| CAOND113969 | 437.1 | 438.2 | 1.1 | 0.006 | | | | |
| CAOND113971 | 438.2 | 439.7 | 1.5 | 0.006 | | | | |
| CAOND113972 | 439.7 | 440.7 | 1.0 | 0.003 | | | | |
| CAOND113973 | 440.7 | 441.9 | 1.2 | 0.003 | | | | |

**Hole number:** KLUC18-509

oriented at 50 TCA

**Major:** **From:** 441.90 **To:** 491.00 V8mtl, Trachyte mafic tuff lapilli

Composition: Dark green and dark grey, fine grained matrix with deformed, chaotic pink and beige clasts; V8mtl - Mafic trachyte tuff lapilli. Magnetism: Moderately magnetic. Diminishing to weakly magnetic at 453m. Veinning: 2% deformed qtz-hem veinning 2-3cm thick. Structure: Moderate deformation throughout with a dominantly foliation oriented at 40-50 TCA, but contains numerous intervals where the deformation is chaotic. Alteration: Moderate to strong patchy locally vuggy calcite alteration Mineralization: 1-2% very fine grained Py mineralization Lower Contact: Grdational, contact is palced where textures become more massive and contains less chaotic pink clasts and calcite veinlets

**MINOR INTERVAL**

444.50 - 446.00: I2DComposition: Medium purplish pink, chaotic and deformed; I2D - Syenite. Magnetism: Moderately magnetic. Veinning: 2% milky white qtz or ab? veins? brecciated and chaotic. Structure: Weakly brittlely deformed and weak foliation at 40-50 TCA. Alteration: Moderate calcite alteration. Mineralization: 1% very fine grained PY mineralization. Lower Contact: Upper contact is gradational and brecciated? and lower contact is sharp and straight; oriented at 45 TCA

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

453.00 - 458.00: PYR, DIS, 10.00, -, FGR, 10% f.gr. diss. Py mineralization
458.00 - 464.00: PYR, DIS, 3.00, -, FGR, 3-5% f.gr. diss. Py mineralization

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

441.90 - 464.00: FOL, 40.00, MOD, Moderate to weak foliation and preferential alignment at 40-50 TCA
441.90 - 491.00: DFZ, 40.00, MOD, Moderate to strong deformation at 40-50 TCA
482.00 - 491.00: DFZ, -, WEAK, Weak to moderate deformation, decrease in abundance of pink clasts and calcite veinning, no preferred orientation

**VEIN**

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS

446.00 - 446.10: QTZ, 20.00, -, -, -, -, PYR, 3.00, 2cm thick qtz-cal-chl vein with 3% fine grained Py mineralization in margins. contacts are sharp and oriented at 40-50 TCA
448.70 - 452.00: QTZ, 10.00, -, -, CAO, PNK2_BASIC, PYR, 2.00, 10% chaotic and strongly folded and deformed qtz or ab? hem-cal veinning. trending parallel to deformation at 40-50 TCA. Se and Chl alteration in margins. 2% fine graiend diss. PY mineralization also in margins

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113974 | 441.9 | 443.0 | 1.1 | 0.010 | | | | |
| CAOND113976 | 443.0 | 444.5 | 1.5 | 0.003 | | | | |
| CAOND113977 | 444.5 | 446.0 | 1.5 | 0.007 | | | | |
| CAOND113978 | 446.0 | 447.0 | 1.0 | 0.033 | | | | |
| CAOND113979 | 447.0 | 448.5 | 1.5 | 1.205 | | | | |
| CAOND113981 | 448.5 | 450.0 | 1.5 | 0.021 | | | | |
| CAOND113982 | 450.0 | 451.5 | 1.5 | 0.030 | | | | |
| CAOND113983 | 451.5 | 453.0 | 1.5 | 0.071 | | | | |
| CAOND113984 | 453.0 | 454.5 | 1.5 | 0.077 | | | | |
| CAOND113985 | 454.5 | 456.0 | 1.5 | 0.018 | | | | |
| CAOND113986 | 456.0 | 457.5 | 1.5 | 0.039 | | | | |
| CAOND113987 | 457.5 | 459.0 | 1.5 | 0.012 | | | | |
| CAOND113988 | 459.0 | 460.5 | 1.5 | 0.036 | | | | |
| CAOND113989 | 460.5 | 462.0 | 1.5 | 0.019 | | | | |
| CAOND113991 | 462.0 | 463.5 | 1.5 | 0.006 | | | | |
| CAOND113992 | 463.5 | 465.0 | 1.5 | 0.006 | | | | |
| CAOND113993 | 465.0 | 466.5 | 1.5 | 0.006 | | | | |
| CAOND113994 | 466.5 | 468.0 | 1.5 | 0.003 | | | | |
| CAOND113995 | 468.0 | 469.5 | 1.5 | 0.008 | | | | |
| CAOND113996 | 469.5 | 471.0 | 1.5 | 0.011 | | | | |
| CAOND113997 | 471.0 | 472.5 | 1.5 | 0.012 | | | | |
| CAOND113998 | 472.5 | 474.0 | 1.5 | 0.014 | | | | |
| CAOND113999 | 474.0 | 475.5 | 1.5 | 0.006 | | | | |
| CAOND114501 | 475.5 | 477.0 | 1.5 | 0.014 | | | | |
| CAOND114502 | 477.0 | 478.5 | 1.5 | 0.006 | | | | |
| CAOND114503 | 478.5 | 480.0 | 1.5 | 0.008 | | | | |
| CAOND114504 | 480.0 | 481.5 | 1.5 | 0.008 | | | | |
| CAOND114505 | 481.5 | 483.0 | 1.5 | 0.005 | | | | |
| CAOND114506 | 483.0 | 484.5 | 1.5 | 0.003 | | | | |
| CAOND114507 | 484.5 | 486.0 | 1.5 | 0.003 | | | | |
| CAOND114508 | 486.0 | 487.5 | 1.5 | 0.005 | | | | |

**Hole number:** KLUC18-509

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114509 | 487.5 | 489.0 | 1.5 | 0.010 | | | | |
| CAOND114510 | 489.0 | 490.0 | 1.0 | 0.007 | | | | |
| CAOND114511 | 490.0 | 491.0 | 1.0 | 0.009 | | | | |

**Major:** **From:** 491.00 **To:** 508.30 V8, Trachyte

Composition: Dark green, fine grained and massive; V8 -Trachyte Magnetism: Moderate to strong magnetism Veinning: 2% mm scale white calcite filled microfractures Structure: Rare to weak deformation and preferential alignment Alteration: Weak fracture control Ep and Hem alteration Mineralization: No mineralization observed Lower Contact: Sharp oriented at 45 TCA, contact placed where pink clasts and chaotic calcite veins suddenly re-appear

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

491.00 - 508.30: DFZ, 40.00, MOD, Moderate to strong deformation at 40-50 TCA
502.00 - 508.30: FOL, 40.00, MOD, Moderate foliation oriented at 40-50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114512 | 491.0 | 492.5 | 1.5 | 0.003 | | | | |
| CAOND114513 | 492.5 | 494.0 | 1.5 | 0.003 | | | | |
| CAOND114514 | 494.0 | 495.5 | 1.5 | 0.008 | | | | |
| CAOND114516 | 495.5 | 497.0 | 1.5 | 0.003 | | | | |
| CAOND114517 | 497.0 | 498.5 | 1.5 | 0.003 | | | | |
| CAOND114518 | 498.5 | 499.5 | 1.0 | 0.003 | | | | |
| CAOND114519 | 499.5 | 501.0 | 1.5 | 0.003 | | | | |
| CAOND114521 | 501.0 | 502.5 | 1.5 | 0.006 | | | | |
| CAOND114522 | 502.5 | 504.0 | 1.5 | 0.010 | | | | |
| CAOND114523 | 504.0 | 505.5 | 1.5 | 0.007 | | | | |
| CAOND114524 | 505.5 | 507.0 | 1.5 | 0.005 | | | | |
| CAOND114526 | 507.0 | 508.3 | 1.3 | 0.003 | | | | |

**Major:** **From:** 508.30 **To:** 516.00 V8mt, Trachyte mafic tuff

Composition: Dark green matrix with medium pink spots and chaotic-folded veins; V8mt - Trachyte mafic tuff. Magnetism: Moderately magnetic. Veinning: 10-15% mm scale folded pink calcite veinning and 2% mm scale milky white qtz veinning. Structure: Moderate deformation and moderate preferential alignment oriented at 40-50 TCA. Alteration: Moderate calcite alteration. Mineralization: 1-2% fine grained disseminated Py mineralization increasing to 10-15% towards. lower contact. Lower Contact: Sharp; oriented at 45 TCA

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

513.00 - 516.00: PYR, DIS, 10.00, -, FGR, 10-15% fine grained, disseminated Py mineralization

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

508.30 - 516.00: DFZ, 40.00, MOD, Moderate to strong deformation at 40-50 TCA
508.30 - 508.80: FOL, 40.00, MOD, Moderate foliation oriented at 40-50 TCA

**VEIN**

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS

514.70 - 516.00: QTZ, 2.00, -, -, -, GRY_00025, PYR, 10.00, 2% mm scale, milky white qtz veinning oriented at 70-80 TCA, 10-15% fine grained Py mineralization occuring in margins

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114527 | 508.3 | 509.5 | 1.2 | 0.003 | | | | |
| CAOND114528 | 509.5 | 511.0 | 1.5 | 0.007 | | | | |
| CAOND114529 | 511.0 | 512.5 | 1.5 | 0.019 | | | | |
| CAOND114531 | 512.5 | 514.0 | 1.5 | 0.030 | | | | |
| CAOND114532 | 514.0 | 515.0 | 1.0 | 0.113 | | | | |
| CAOND114533 | 515.0 | 516.0 | 1.0 | 0.124 | | | | |

## Hole number: KLUC18-509

**Major:** **From:** 516.00 **To:** 517.70 I2D, Syénite

Composition: Dark reddish brown, fine grained, massive; I2D - Syenite Magnetism: Non magnetic Veinning: 1% irregular and discontinuous milky white qtz veinning Structure: Moderate brittle deformation defined by the abundant microfracturing Alteration: Moderate pervasive hematite alteration and weak calcite Mineralization: Trace to 1% fine grained Py mineralization Lower Contact: Sharp but irregular

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

516.00 - 517.70: DFZ, 40.00, MOD, Moderate to strong deformation at 40-50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114534 | 516.0 | 517.0 | 1.0 | 0.169 | | | | |
| CAOND114535 | 517.0 | 517.7 | 0.7 | 0.085 | | | | |

**Major:** **From:** 517.70 **To:** 520.80 V8mt, Trachyte mafic tuff

Composition: Medium greenish grey, medium pinkish brown, fine grained, moderately deformed; V8mt - Trachyte mafic tuff Magnetism: Moderately magnetic Veinning: 1% mm scale milky white qtz veinning Structure: Moderate to stron deformation with preferential alignment at 40-50 TCA Alteration: Weak spotted calcite alteration and weak pervasive chlorite alteration Mineralization: 1% fine grained disseminated Py mineralization Lower Contact: Sharp; oriented at 30 TCA

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

517.70 - 520.80: DFZ, 40.00, MOD, Moderate to strong deformation at 40-50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114536 | 517.7 | 519.0 | 1.3 | 0.224 | | | | |
| CAOND114537 | 519.0 | 519.8 | 0.8 | 0.044 | | | | |
| CAOND114538 | 519.8 | 520.8 | 1.0 | 0.009 | | | | |

**Major:** **From:** 520.80 **To:** 522.80 I2D, Syénite

Composition: Dark red, fine grained, massive and moderately brittlely deformed; I2D - Syenite Magnetism: Non magnetic Veinning: 15% milky white and pale pinkish grey, folded and chaotic qtz-hem veinning Structure: Moderate brittle deformation defined by chaotic veinnins and healed fracturing Alteration: Weak calcite and moderate pervasive hematite alteration Mineralization: 1% fine grained disseminated Py mineralization Lower Contact: Sharp but intruded by a qtz vein. Contact placed after chaotic vein

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

520.80 - 522.80: DFZ, 40.00, MOD, Moderate to strong deformation at 40-50 TCA

**VEIN**

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS

520.80 - 522.80: QTZ, 15.00, -, -, CAO, GRY_00025, PYR, 1.00, 15% chaotic and folded milky white and pale pink grey qtz veinning, 1% Py mineralization disseminated in host rock

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114539 | 520.8 | 522.0 | 1.2 | 0.082 | | | | |
| CAOND114540 | 522.0 | 522.8 | 0.8 | 0.025 | | | | |

**Major:** **From:** 522.80 **To:** 552.00 V8mt, Trachyte mafic tuff

Composition: Dark green matrix with medium pink spots and chaotic-folded veins; V8mt - Trachyte mafic tuff. Magnetism: Moderately magnetic. Veinning: 5-10% mm scale folded pink calcite veinning. Structure: Moderate deformation and moderate preferential alignment oriented at 40-50 TCA. Alteration: Moderate calcite alteration. Mineralization: 1-2% fine grained disseminated Py mineralization. Lower

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114541 | 522.8 | 524.0 | 1.2 | 0.011 | | | | |
| CAOND114542 | 524.0 | 525.5 | 1.5 | 0.012 | | | | |
| CAOND114543 | 525.5 | 527.0 | 1.5 | 0.007 | | | | |

## Hole number: KLUC18-509

Contact: Not reached

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

522.80 - 552.00: DFZ, 40.00, MOD, Moderate to strong deformation at 40-50 TCA

522.80 - 552.00: FOL, 40.00, MOD, Moderate foliation at 40-50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114544 | 527.0 | 528.5 | 1.5 | 0.006 | | | | |
| CAOND114546 | 528.5 | 530.0 | 1.5 | 0.003 | | | | |
| CAOND114547 | 530.0 | 531.5 | 1.5 | 0.005 | | | | |
| CAOND114548 | 531.5 | 533.0 | 1.5 | 0.008 | | | | |
| CAOND114549 | 533.0 | 534.5 | 1.5 | 0.140 | | | | |
| CAOND114551 | 534.5 | 536.0 | 1.5 | 0.068 | | | | |
| CAOND114552 | 536.0 | 537.5 | 1.5 | 0.012 | | | | |
| CAOND114553 | 537.5 | 539.0 | 1.5 | 0.015 | | | | |
| CAOND114554 | 539.0 | 540.5 | 1.5 | 0.010 | | | | |
| CAOND114555 | 540.5 | 542.0 | 1.5 | 0.014 | | | | |
| CAOND114556 | 542.0 | 543.0 | 1.0 | 0.011 | | | | |
| CAOND114557 | 543.0 | 544.5 | 1.5 | 0.008 | | | | |
| CAOND114558 | 544.5 | 546.0 | 1.5 | 0.008 | | | | |
| CAOND114559 | 546.0 | 547.5 | 1.5 | 0.003 | | | | |
| CAOND114561 | 547.5 | 549.0 | 1.5 | 0.005 | | | | |
| CAOND114562 | 549.0 | 550.5 | 1.5 | 0.005 | | | | |
| CAOND114563 | 550.5 | 552.0 | 1.5 | 0.007 | | | | |

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 21.0 | 24.0 | 73.00 | 100.00 | | | N | |
| 24.0 | 27.0 | 83.00 | 100.00 | | | N | |
| 27.0 | 30.0 | 60.00 | 100.00 | | | N | |
| 30.0 | 33.0 | 80.00 | 100.00 | | | N | |
| 33.0 | 36.0 | 80.00 | 100.00 | | | N | |
| 36.0 | 39.0 | 68.00 | 100.00 | | | N | |
| 39.0 | 42.0 | 50.00 | 100.00 | | | N | |
| 42.0 | 45.0 | 60.00 | 100.00 | | | N | |
| 45.0 | 48.0 | 65.00 | 100.00 | | | N | |
| 48.0 | 51.0 | 95.00 | 100.00 | | | N | |
| 51.0 | 54.0 | 80.00 | 100.00 | | | N | |
| 54.0 | 57.0 | 90.00 | 100.00 | | | N | |

**Hole number:** KLUC18-509

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 57.0 | 60.0 | 75.00 | 100.00 | | | N | |
| 60.0 | 63.0 | 87.00 | 100.00 | | | N | |
| 63.0 | 66.0 | 93.00 | 100.00 | | | N | |
| 66.0 | 69.0 | 73.00 | 100.00 | | | N | |
| 69.0 | 72.0 | 82.00 | 100.00 | | | N | |
| 72.0 | 75.0 | 93.00 | 100.00 | | | N | |
| 75.0 | 78.0 | 80.00 | 100.00 | | | N | |
| 78.0 | 81.0 | 97.00 | 100.00 | | | N | |
| 81.0 | 84.0 | 95.00 | 100.00 | | | N | |
| 84.0 | 87.0 | 97.00 | 100.00 | | | N | |
| 87.0 | 90.0 | 85.00 | 100.00 | | | N | |
| 90.0 | 93.0 | 83.00 | 100.00 | | | N | |
| 93.0 | 96.0 | 77.00 | 100.00 | | | N | |
| 96.0 | 99.0 | 93.00 | 100.00 | | | N | |
| 99.0 | 102.0 | 97.00 | 100.00 | | | N | |
| 102.0 | 105.0 | 75.00 | 100.00 | | | N | |
| 105.0 | 108.0 | 98.00 | 100.00 | | | N | |
| 108.0 | 111.0 | 98.00 | 100.00 | | | N | |
| 111.0 | 114.0 | 87.00 | 100.00 | | | N | |
| 114.0 | 117.0 | 65.00 | 100.00 | | | N | |
| 117.0 | 120.0 | 63.00 | 100.00 | | | N | |
| 120.0 | 123.0 | 83.00 | 100.00 | | | N | |
| 123.0 | 126.0 | 80.00 | 100.00 | | | N | |
| 126.0 | 129.0 | 83.00 | 100.00 | | | N | |
| 129.0 | 132.0 | 68.00 | 100.00 | | | N | |
| 132.0 | 135.0 | 68.00 | 100.00 | | | N | |
| 135.0 | 138.0 | 92.00 | 100.00 | | | N | |
| 138.0 | 141.0 | 97.00 | 100.00 | | | N | |

**Hole number:** KLUC18-509

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 141.0 | 144.0 | 93.00 | 100.00 | | | N | |
| 144.0 | 147.0 | 87.00 | 100.00 | | | N | |
| 147.0 | 150.0 | 70.00 | 100.00 | | | N | |
| 150.0 | 153.0 | 80.00 | 100.00 | | | N | |
| 153.0 | 156.0 | 73.00 | 100.00 | | | N | |
| 156.0 | 159.0 | 87.00 | 100.00 | | | N | |
| 159.0 | 162.0 | 52.00 | 100.00 | | | N | |
| 162.0 | 165.0 | 85.00 | 100.00 | | | N | |
| 165.0 | 168.0 | 97.00 | 100.00 | | | N | |
| 168.0 | 171.0 | 97.00 | 100.00 | | | N | |
| 171.0 | 174.0 | 87.00 | 100.00 | | | N | |
| 174.0 | 177.0 | 73.00 | 100.00 | | | N | |
| 177.0 | 180.0 | 70.00 | 100.00 | | | N | |
| 180.0 | 183.0 | 95.00 | 100.00 | | | N | |
| 183.0 | 186.0 | 100.00 | 100.00 | | | N | |
| 186.0 | 189.0 | 57.00 | 100.00 | | | N | |
| 189.0 | 192.0 | 83.00 | 100.00 | | | N | |
| 192.0 | 195.0 | 80.00 | 100.00 | | | N | |
| 195.0 | 198.0 | 98.00 | 100.00 | | | N | |
| 198.0 | 201.0 | 93.00 | 100.00 | | | N | |
| 201.0 | 204.0 | 95.00 | 100.00 | | | N | |
| 204.0 | 207.0 | 77.00 | 100.00 | | | N | |
| 207.0 | 210.0 | 95.00 | 100.00 | | | N | |
| 210.0 | 213.0 | 98.00 | 100.00 | | | N | |
| 213.0 | 216.0 | 97.00 | 100.00 | | | N | |
| 216.0 | 219.0 | 97.00 | 100.00 | | | N | |
| 219.0 | 222.0 | 95.00 | 100.00 | | | N | |
| 222.0 | 225.0 | 95.00 | 100.00 | | | N | |

**Hole number:** KLUC18-509

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 225.0 | 228.0 | 98.00 | 100.00 | | | N | |
| 228.0 | 231.0 | 100.00 | 100.00 | | | N | |
| 231.0 | 234.0 | 93.00 | 100.00 | | | N | |
| 234.0 | 237.0 | 93.00 | 100.00 | | | N | |
| 237.0 | 240.0 | 97.00 | 100.00 | | | N | |
| 240.0 | 243.0 | 95.00 | 100.00 | | | N | |
| 243.0 | 246.0 | 85.00 | 100.00 | | | N | |
| 246.0 | 249.0 | 53.00 | 100.00 | | | N | |
| 249.0 | 252.0 | 80.00 | 100.00 | | | N | |
| 252.0 | 255.0 | 80.00 | 100.00 | | | N | |
| 255.0 | 258.0 | 93.00 | 100.00 | | | N | |
| 258.0 | 261.0 | 92.00 | 100.00 | | | N | |
| 261.0 | 264.0 | 97.00 | 100.00 | | | N | |
| 264.0 | 267.0 | 93.00 | 100.00 | | | N | |
| 267.0 | 270.0 | 100.00 | 100.00 | | | N | |
| 270.0 | 273.0 | 88.00 | 100.00 | | | N | |
| 273.0 | 276.0 | 97.00 | 100.00 | | | N | |
| 276.0 | 279.0 | 98.00 | 100.00 | | | N | |
| 279.0 | 282.0 | 95.00 | 100.00 | | | N | |
| 282.0 | 285.0 | 98.00 | 100.00 | | | N | |
| 285.0 | 288.0 | 95.00 | 100.00 | | | N | |
| 288.0 | 291.0 | 95.00 | 100.00 | | | N | |
| 291.0 | 294.0 | 98.00 | 100.00 | | | N | |
| 294.0 | 297.0 | 97.00 | 100.00 | | | N | |
| 297.0 | 300.0 | 98.00 | 100.00 | | | N | |
| 300.0 | 303.0 | 97.00 | 100.00 | | | N | |
| 303.0 | 306.0 | 98.00 | 100.00 | | | N | |
| 306.0 | 309.0 | 93.00 | 100.00 | | | N | |

**Hole number:** KLUC18-509

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 309.0 | 312.0 | 92.00 | 100.00 | | | N | |
| 312.0 | 315.0 | 98.00 | 100.00 | | | N | |
| 315.0 | 318.0 | 77.00 | 100.00 | | | N | |
| 318.0 | 321.0 | 77.00 | 100.00 | | | N | |
| 321.0 | 324.0 | 98.00 | 100.00 | | | N | |
| 324.0 | 327.0 | 98.00 | 100.00 | | | N | |
| 327.0 | 330.0 | 93.00 | 100.00 | | | N | |
| 330.0 | 333.0 | 100.00 | 100.00 | | | N | |
| 333.0 | 336.0 | 100.00 | 100.00 | | | N | |
| 336.0 | 339.0 | 100.00 | 100.00 | | | N | |
| 339.0 | 342.0 | 100.00 | 100.00 | | | N | |
| 342.0 | 345.0 | 97.00 | 100.00 | | | N | |
| 345.0 | 348.0 | 97.00 | 100.00 | | | N | |
| 348.0 | 351.0 | 100.00 | 100.00 | | | N | |
| 351.0 | 354.0 | 100.00 | 100.00 | | | N | |
| 354.0 | 357.0 | 100.00 | 100.00 | | | N | |
| 357.0 | 360.0 | 97.00 | 100.00 | | | N | |
| 360.0 | 363.0 | 100.00 | 100.00 | | | N | |
| 363.0 | 366.0 | 98.00 | 100.00 | | | N | |
| 366.0 | 369.0 | 100.00 | 100.00 | | | N | |
| 369.0 | 372.0 | 93.00 | 100.00 | | | N | |
| 372.0 | 375.0 | 100.00 | 100.00 | | | N | |
| 375.0 | 378.0 | 100.00 | 100.00 | | | N | |
| 378.0 | 381.0 | 100.00 | 100.00 | | | N | |
| 381.0 | 384.0 | 92.00 | 100.00 | | | N | |
| 384.0 | 387.0 | 97.00 | 100.00 | | | N | |
| 387.0 | 390.0 | 98.00 | 100.00 | | | N | |
| 390.0 | 393.0 | 97.00 | 100.00 | | | N | |

**Hole number:** KLUC18-509

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 393.0 | 396.0 | 97.00 | 100.00 | | | N | |
| 396.0 | 399.0 | 98.00 | 100.00 | | | N | |
| 399.0 | 402.0 | 100.00 | 100.00 | | | N | |
| 402.0 | 405.0 | 100.00 | 100.00 | | | N | |
| 405.0 | 408.0 | 97.00 | 100.00 | | | N | |
| 408.0 | 411.0 | 98.00 | 100.00 | | | N | |
| 411.0 | 414.0 | 100.00 | 100.00 | | | N | |
| 414.0 | 417.0 | 97.00 | 100.00 | | | N | |
| 417.0 | 420.0 | 87.00 | 100.00 | | | N | |
| 420.0 | 423.0 | 97.00 | 100.00 | | | N | |
| 423.0 | 426.0 | 93.00 | 100.00 | | | N | |
| 426.0 | 429.0 | 95.00 | 100.00 | | | N | |
| 429.0 | 432.0 | 90.00 | 100.00 | | | N | |
| 432.0 | 435.0 | 90.00 | 100.00 | | | N | |
| 435.0 | 438.0 | 93.00 | 100.00 | | | N | |
| 438.0 | 441.0 | 95.00 | 100.00 | | | N | |
| 441.0 | 444.0 | 95.00 | 100.00 | | | N | |
| 444.0 | 447.0 | 97.00 | 100.00 | | | N | |
| 447.0 | 450.0 | 97.00 | 100.00 | | | N | |
| 450.0 | 453.0 | 95.00 | 100.00 | | | N | |
| 453.0 | 456.0 | 100.00 | 100.00 | | | N | |
| 456.0 | 458.0 | 98.00 | 100.00 | | | N | |
| 459.0 | 462.0 | 100.00 | 100.00 | | | N | |
| 462.0 | 465.0 | 100.00 | 100.00 | | | N | |
| 465.0 | 468.0 | 98.00 | 100.00 | | | N | |
| 468.0 | 471.0 | 97.00 | 100.00 | | | N | |
| 471.0 | 474.0 | 90.00 | 100.00 | | | N | |
| 474.0 | 477.0 | 90.00 | 100.00 | | | N | |

**Hole number:** KLUC18-509

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 477.0 | 480.0 | 95.00 | 100.00 | | | N | |
| 480.0 | 483.0 | 93.00 | 100.00 | | | N | |
| 483.0 | 486.0 | 90.00 | 100.00 | | | N | |
| 486.0 | 489.0 | 98.00 | 100.00 | | | N | |
| 489.0 | 492.0 | 97.00 | 100.00 | | | N | |
| 492.0 | 495.0 | 93.00 | 100.00 | | | N | |
| 495.0 | 498.0 | 93.00 | 100.00 | | | N | |
| 498.0 | 501.0 | 100.00 | 100.00 | | | N | |
| 501.0 | 504.0 | 100.00 | 100.00 | | | N | |
| 504.0 | 507.0 | 100.00 | 100.00 | | | N | |
| 507.0 | 510.0 | 100.00 | 100.00 | | | N | |
| 510.0 | 513.0 | 100.00 | 100.00 | | | N | |
| 513.0 | 516.0 | 97.00 | 100.00 | | | N | |
| 516.0 | 519.0 | 100.00 | 100.00 | | | N | |
| 519.0 | 522.0 | 98.00 | 100.00 | | | N | |
| 522.0 | 525.0 | 98.00 | 100.00 | | | N | |
| 525.0 | 528.0 | 97.00 | 100.00 | | | N | |
| 528.0 | 531.0 | 100.00 | 100.00 | | | N | |
| 531.0 | 534.0 | 100.00 | 100.00 | | | N | |
| 534.0 | 537.0 | 100.00 | 100.00 | | | N | |
| 537.0 | 540.0 | 100.00 | 100.00 | | | N | |
| 540.0 | 543.0 | 100.00 | 100.00 | | | N | |
| 543.0 | 546.0 | 92.00 | 100.00 | | | N | |
| 546.0 | 549.0 | 98.00 | 100.00 | | | N | |
| 549.0 | 552.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC18-509

AGNICO EAGLE

# DRILL HOLE REPORT

## EXPLORATION CANADA ONTARIO

**Hole number:** KLUC18-510 **Project Number:** U_Canada **Project name:** Upper Canada

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Historic hole number:** | | **Collar survey:** | N | **From:** | 0.0 | **Coordinates:** | P |
| **System:** | METRIC | **Verified:** | Y | **To:** | 282.0 | **Grid:** | UTM83-17_CSRS-2010: |
| **Target:** | U_CANADA | **Gas:** | N | **Depth:** | 282.0 | **North:** | 5,332,731.70 |
| **No. Claim:** | PAT-18822 | **Multishot survey:** | N | **Location:** | Surface | **East:** | 585,758.58 |
| **Year:** | 2 018 | **Is making water:** | N | **Core storage:** | Mine Site | **Elevation:** | 351.32 |
| **Date started:** | 9/19/2018 | **Object in hole:** | N | **Contractor:** | Asinii Drilling | **Collar dip:** | -46.05 |
| **Date logged:** | 2018-09-19 | **Pulse EM survey:** | N | **Logged by:** | Monica Oosterman | **Collar azimuth:** | 345.47 |
| **Date completed:** | 9/22/2018 | **Plugged:** | N | | | | |
| **Core size:** | NQ | **Cemented:** | N | **Signature:** | | | |
| **Hole type:** | DDH | **Branch:** | N | | | | |
| **Casing:** | Left in Hole, capped | **Reserve:** | | | | | |
| **Logging status:** | Signed | | | | | | |
| **Rig number:** | 0105 | | | | | | |

**Additional sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** No devi -shot to align drill
Hole intersected disseminated pyrite +/- chalcopyrite through out the entire hole. Rock were syentite ant trachyte tuffs

**Assay average**

| Average type | From | To | Length | Width | Zone | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Pb_ppm | Ni_ppm | As_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WEIGHTED | 55.5 | 56.6 | 1.1 | | | 2.320 | | | | | | |
| WEIGHTED | 75.5 | 144.5 | 69.1 | | | 2.635 | | | | | | |
| WEIGHTED | 94.5 | 95.0 | 0.5 | | | 204.000 | | | | | | |
| WEIGHTED | 129.8 | 130.1 | 0.3 | | | 11.400 | | | | | | |

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments | Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 345.47 | -46.05 | S | O | | 12.0 | 345.60 | -45.40 | DS | O | 58295 |
| 30.0 | 343.10 | -45.40 | EZ | O | 53451 | 60.0 | 349.20 | -45.20 | EZ | O | 55073 |
| 90.0 | 348.10 | -45.20 | EZ | O | 55315 | 120.0 | 348.90 | -45.00 | EZ | O | 55006 |
| 150.0 | 348.40 | -45.00 | EZ | O | 55322 | 180.0 | 350.20 | -44.90 | EZ | O | 55421 |
| 210.0 | 350.40 | -44.70 | EZ | O | 55616 | 250.0 | 348.60 | -45.60 | EZ | O | 55759 |
| 282.0 | 344.00 | -45.40 | EZ | O | | | | | | | |

**Hole number:** KLUC18-510

| Certificate |
|---|
| A19-813 |
| TM18253779 |
| TM18259592 |
| TM18261951 |
| TM18279614 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505D18-010 | Excaon1 | CAOND113082 - CAOND113312<br>CAOND113422 - CAOND113430<br>CAOND114564 - CAOND114743<br>CAOND115196 - CAOND115291<br>KLUC18-506_001 |
| CXE5505D18-011 | Excaon1 | CAOND113313 - CAOND113421<br>CAOND113431 - CAOND113500<br>CAOND114001 - CAOND114088<br>CAOND114744 - CAOND114943 |
| CXE5505D18-012 | Excaon1 | CAOND114089 - CAOND114170<br>CAOND114944 - CAOND115000<br>CAOND115292 - CAOND115420 |
| CXE5505D19-050 | Excaon1 | CAOND113049<br>CAOND113091<br>CAOND113123<br>CAOND113154<br>CAOND113162<br>CAOND113177<br>CAOND113224<br>CAOND113243<br>CAOND113262<br>CAOND113282<br>CAOND113289<br>CAOND113308<br>CAOND113327<br>CAOND113357<br>CAOND113393<br>CAOND113410<br>CAOND113426<br>CAOND113444 - CAOND113445<br>CAOND113461<br>CAOND113488<br>CAOND113498<br>CAOND113505<br>CAOND113512<br>CAOND113528<br>CAOND113540<br>CAOND113557<br>CAOND113572<br>CAOND113605 - CAOND113606<br>CAOND113641<br>CAOND113796 |

| Sample number | Standard |
|---|---|
| CAOND113430 | CDN-GS-5U-AEM |
| CAOND113445 | CDN-CM-28-AEM |
| CAOND113460 | CDN-CM-24-AEM |
| CAOND113470 | BLANK-DB |
| CAOND113475 | CDN-GS-5U-AEM |
| CAOND113490 | CDN-CM-28-AEM |
| CAOND114015 | CDN-CM-24-AEM |
| CAOND114020 | BLANK-DB |
| CAOND114030 | CDN-GS-5U-AEM |
| CAOND114045 | CDN-CM-28-AEM |
| CAOND114060 | CDN-CM-24-AEM |
| CAOND114070 | BLANK-DB |
| CAOND114075 | CDN-GS-5U-AEM |
| CAOND114090 | CDN-CM-28-AEM |
| CAOND114115 | CDN-CM-24-AEM |
| CAOND114120 | BLANK-DB |
| CAOND114130 | CDN-GS-5U-AEM |
| CAOND114145 | CDN-CM-28-AEM |
| CAOND114160 | CDN-CM-24-AEM |
| CAOND114170 | BLANK-DB |

**Hole number:** KLUC18-510

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND113816 |
| | | CAOND113821 |
| | | CAOND113828 |
| | | CAOND113831 |
| | | CAOND113836 |
| | | CAOND113855 |
| | | CAOND113894 |
| | | CAOND113942 |
| | | CAOND113964 |
| | | CAOND113974 |
| | | CAOND113978 |
| | | CAOND114017 |
| | | CAOND114032 |
| | | CAOND114049 |
| | | CAOND114077 |
| | | CAOND114145 |
| | | CAOND114152 |
| | | CAOND114154 |
| | | CAOND114517 |
| | | CAOND114524 |
| | | CAOND114534 |
| | | CAOND114553 |
| | | CAOND114589 |
| | | CAOND114606 |
| | | CAOND114608 |
| | | CAOND114635 |
| | | CAOND114658 - CAOND114659 |
| | | CAOND114683 |
| | | CAOND114701 |
| | | CAOND114708 |
| | | CAOND114719 - CAOND114720 |
| | | CAOND114740 |
| | | CAOND114753 |
| | | CAOND114774 |
| | | CAOND114803 |
| | | CAOND114823 |
| | | CAOND114852 |
| | | CAOND114855 |
| | | CAOND114859 |
| | | CAOND114896 |
| | | CAOND114908 |
| | | CAOND114911 |
| | | CAOND114914 |

**Hole number:** KLUC18-510

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND114926 |
| | | CAOND115001 |
| | | CAOND115013 |
| | | CAOND115019 |
| | | CAOND115040 |
| | | CAOND115062 |
| | | CAOND115072 - CAOND115073 |
| | | CAOND115077 |
| | | CAOND115212 |
| | | CAOND115272 - CAOND115273 |
| | | CAOND115316 |
| | | CAOND115322 |
| | | CAOND115370 - CAOND115371 |
| | | CAOND115411 |
| | | CAOND115418 |
| | | CAOND115442 |
| | | CAOND115472 |
| | | CAOND115497 |
| | | CAOND115509 - CAOND115510 |
| | | CAOND115512 |
| | | CAOND115531 |
| | | CAOND115542 |
| | | CAOND115546 |
| | | CAOND115562 |
| | | CAOND115591 |
| | | CAOND115595 - CAOND115596 |
| | | CAOND115607 - CAOND115609 |
| | | CAOND115611 |
| | | CAOND115620 |
| | | CAOND115640 |
| | | CAOND115655 |
| | | CAOND115659 |
| | | CAOND115718 |
| | | CAOND115732 - CAOND115733 |
| | | CAOND115740 |
| | | CAOND115748 |
| | | CAOND115769 |
| | | CAOND115778 |
| | | CAOND115785 |
| | | CAOND115812 |
| | | CAOND115827 |
| | | CAOND115905 |
| | | CAOND115911 |

**Hole number:** KLUC18-510

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505R19-025 | Excaon1 | CAOND109014 |
| | | CAOND109018 |
| | | CAOND109034 |
| | | CAOND109038 |
| | | CAOND109053 |
| | | CAOND109056 |
| | | CAOND109067 |
| | | CAOND109072 |
| | | CAOND109211 |
| | | CAOND109287 |
| | | CAOND109291 |
| | | CAOND109294 |
| | | CAOND109296 |
| | | CAOND109318 |
| | | CAOND109357 |
| | | CAOND109369 |
| | | CAOND109435 |
| | | CAOND109438 |
| | | CAOND109495 |
| | | CAOND109503 |
| | | CAOND109528 |
| | | CAOND109535 |
| | | CAOND109557 |
| | | CAOND109564 |
| | | CAOND109674 |
| | | CAOND109677 |
| | | CAOND109689 |
| | | CAOND109691 |
| | | CAOND109704 |
| | | CAOND109710 |
| | | CAOND109729 |
| | | CAOND109751 |
| | | CAOND109757 |
| | | CAOND109764 |
| | | CAOND109781 |
| | | CAOND109787 |
| | | CAOND109796 - CAOND109797 |
| | | CAOND109818 |
| | | CAOND109836 |
| | | CAOND109839 |
| | | CAOND109874 - CAOND109875 |
| | | CAOND109890 |
| | | CAOND109940 |

**Hole number:** KLUC18-510

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND109974 |
| | | CAOND109984 |
| | | CAOND110011 |
| | | CAOND110056 - CAOND110057 |
| | | CAOND110062 |
| | | CAOND110073 |
| | | CAOND110113 |
| | | CAOND110161 |
| | | CAOND110163 |
| | | CAOND110174 |
| | | CAOND110198 |
| | | CAOND110213 |
| | | CAOND110236 |
| | | CAOND110240 |
| | | CAOND110249 |
| | | CAOND110261 |
| | | CAOND110270 |
| | | CAOND110322 |
| | | CAOND110328 |
| | | CAOND110340 |
| | | CAOND110355 |
| | | CAOND110362 |
| | | CAOND110379 |
| | | CAOND110382 - CAOND110383 |
| | | CAOND110398 |
| | | CAOND110434 |
| | | CAOND110438 |
| | | CAOND110441 |
| | | CAOND110443 |
| | | CAOND110468 |
| | | CAOND110496 |
| | | CAOND110502 |
| | | CAOND110514 |
| | | CAOND110523 |
| | | CAOND110539 |
| | | CAOND110544 |
| | | CAOND110552 |
| | | CAOND110572 |
| | | CAOND110593 - CAOND110595 |
| | | CAOND110603 |
| | | CAOND110633 |
| | | CAOND110664 - CAOND110665 |
| | | CAOND110683 |

**Hole number:** KLUC18-510

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND110694 |
| | | CAOND110710 |
| | | CAOND110712 - CAOND110713 |
| | | CAOND110808 |
| | | CAOND110813 |
| | | CAOND110837 |
| | | CAOND110871 |
| | | CAOND110885 |
| | | CAOND110948 |
| | | CAOND110951 |
| | | CAOND110956 |
| | | CAOND110978 |
| | | CAOND111098 |
| | | CAOND111129 |
| | | CAOND111178 |
| | | CAOND111262 |
| | | CAOND111277 |
| | | CAOND111286 |
| | | CAOND111385 |
| | | CAOND111446 |
| | | CAOND111448 |
| | | CAOND111455 |
| | | CAOND111481 |
| | | CAOND111513 |
| | | CAOND111529 |
| | | CAOND111558 |
| | | CAOND111606 |
| | | CAOND111629 |
| | | CAOND111634 |
| | | CAOND111673 |
| | | CAOND111686 |
| | | CAOND111690 |
| | | CAOND111709 |
| | | CAOND111734 |
| | | CAOND111747 |
| | | CAOND111752 |
| | | CAOND111763 |
| | | CAOND111774 |
| | | CAOND111794 |
| | | CAOND111806 |
| | | CAOND111838 |
| | | CAOND111842 |
| | | CAOND111876 |

**Hole number:** KLUC18-510

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND111878 |
| | | CAOND111881 |
| | | CAOND111889 |
| | | CAOND111913 |
| | | CAOND111954 |
| | | CAOND111988 |
| | | CAOND112048 |
| | | CAOND112084 |
| | | CAOND112097 |
| | | CAOND112123 |
| | | CAOND112128 |
| | | CAOND112154 |
| | | CAOND112187 |
| | | CAOND112214 |
| | | CAOND112218 |
| | | CAOND112223 - CAOND112224 |
| | | CAOND112263 |
| | | CAOND112286 |
| | | CAOND112309 |
| | | CAOND112410 |
| | | CAOND112434 |
| | | CAOND112474 |
| | | CAOND112485 |
| | | CAOND112505 |
| | | CAOND112513 |
| | | CAOND112537 |
| | | CAOND112559 |
| | | CAOND112584 |
| | | CAOND112606 |
| | | CAOND112632 |
| | | CAOND112676 |
| | | CAOND112704 |
| | | CAOND112757 |
| | | CAOND112789 |
| | | CAOND112794 |
| | | CAOND112798 |
| | | CAOND112811 - CAOND112812 |
| | | CAOND112832 |
| | | CAOND112837 |
| | | CAOND112846 |
| | | CAOND112855 |
| | | CAOND112865 |
| | | CAOND112917 |

**Hole number:** KLUC18-510

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND112937 |
| | | CAOND112957 |
| | | CAOND112971 |
| | | CAOND113672 |
| | | CAOND113777 |
| | | CAOND113779 |
| | | CAOND113781 |
| | | CAOND113789 |
| | | CAOND114014 |
| | | CAOND114020 |
| | | CAOND114187 |
| | | CAOND114221 |
| | | CAOND114264 |
| | | CAOND114276 |
| | | CAOND115912 |
| | | CAOND115926 |
| | | CAOND115942 |
| | | CAOND115959 |
| | | CAOND115962 |
| | | CAOND115999 |
| | | CAOND116503 |
| | | CAOND116522 |
| | | CAOND116533 |
| | | CAOND116542 |
| | | CAOND116618 |
| | | CAOND116620 |
| | | CAOND116633 |
| | | CAOND116642 |
| | | CAOND116658 |
| | | CAOND116660 |
| | | CAOND116673 |

*The sample list may content samples from other holes

**Major:** **From:** 0.00 **To:** 3.85 OVB, Overburden

**Major:** **From:** 3.85 **To:** 12.00 V8t, Trachytic tuff

Mineralized Tracyte tuff (undeformed) - Dark Grey, Massive, strongly magnetic, fine grained with about 1% scattered; angular; black; shards and prismatic amphiboles. Alteration consists of weak pervasive calcite (to non reactive) Calcite also seen in crackle fractures and associated with stringers of quartz. Most of the veining comprises 1-2% thready/ gashy white calcite + Quartz fractures and veinlets with local scattered (<<1%) calcite- chlorite- Py feathery/ streamy veining to 3cm. Mineralization ranges from trace to several percent fine grained disseminated cubic looking pyrite, stringer pyrite forming

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113422 | 3.9 | 5.2 | 1.4 | 0.066 | | | | |
| CAOND113423 | 5.2 | 6.5 | 1.3 | 0.215 | | | | |
| CAOND113424 | 6.5 | 7.6 | 1.2 | 0.163 | | | | |
| CAOND113426 | 7.6 | 9.0 | 1.4 | 0.388 | | | | |

**Hole number:** KLUC18-510

with calcite and quartz and fracture controlled pyrite. Chorite forms assoicated with some calcite + quartz stringer. Two sets of stringers one forms at 50 degrees and other at 10 dgrees, generally the stringers are <1cm wide some are more fracture infill.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

3.85, 7.60, PYR, SEL, .10, -, MGR, Patches of pyrite associated with stringers
7.60, 9.00, PYR, DIS, 3.00, -, MGR, Disseminated cubic pyrite and stringer pyrite associated with quartz/calcite stringers
9.00, 9.55, PYR, DIS, .10, -, MGR, Disseminated sporadic pyrite
9.55, 10.05, PYR, DIS, 1.00, -, FGR, Disseminated cubic pyrite and stringer pyrite associated with quartz/calcite stringers
10.05, 12.00, PYR, DIS, .10, -, FGR, sporadic pyrite

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

3.85, 12.00, QTZ_2, 1.00, 50.00, -, -, -, GRY_00025, .30, IRR, PYR, .50, 50 degree stringers as well as 10 degree stringers.

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

3.85, 12.00, MAG, DIS, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113427 | 9.0 | 9.6 | 0.6 | 0.096 | | | | |
| CAOND113428 | 9.6 | 10.1 | 0.5 | 0.124 | | | | |
| CAOND113429 | 10.1 | 11.0 | 0.9 | 0.015 | | | | |
| CAOND113431 | 11.0 | 12.0 | 1.0 | 0.006 | | | | |

**Major:** **From:** 12.00 **To:** 14.70 I2Dp, Porphyritic Syenite

Weakly mineralized porphyrtic syentite (Fresh) Dark brick red, strongly magnetic, and calcite only seen assoicated with fractures and stringers, weakly foliated defined by feldspar crstals @ 50 degrees. Matrix supported with 10% white laths of feldspar up to 0.3cm long. Upper and lower contacts are sharp at 70 and 60 degrees. Irregular crackles of calcite and quartz (hairline to 1cm wide), sometimes chorite alteration associated with these. Unit has trace amounts of sulphide to 0.5% disseminated pyrite.

**TEXTURE**

TYPE/COLOR/GRAIN_SIZE/COMMENTS

12.00, 14.70, POR, -, MGR, -

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

12.00, 14.30, PYR, DIS, .10, -, FGR, sporadic pyrite
14.30, 14.70, PYR, DIS, .50, -, FGR, medium grained clusters of pyrite

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

12.00, 14.70, QTZ_2, 1.00, 50.00, -, -, -, GRY_00025, .30, IRR, PYR, .50, 50 degree stringers as well

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113432 | 12.0 | 13.0 | 1.0 | 0.054 | | | | |
| CAOND113433 | 13.0 | 14.3 | 1.3 | 0.011 | | | | |
| CAOND113434 | 14.3 | 14.7 | 0.4 | 0.084 | | | | |

**Hole number:** KLUC18-510

as 10 degree stringers.

**Major:** **From:** 14.70 **To:** 31.10 V8t, Trachytic tuff

Mineralized Tracyte tuff (undeformed) - Dark Grey, Massive, strongly magnetic, fine grained with about 1% scattered; ehhedral; black angular shards and laths. Alteration consists of moderate pervasive calcite. Calcite also seen in crackle fractures and associated with stringers of quartz as well as interstitial calcite in matrix. Most of the veining comprises 1-2% thready/ gashy white calcite + Quartz fractures and veinlets with local scattered (<<1%) calcite- chlorite- Py feathery/ streamy veining to 3cm. Mineralization ranges from trace to several percent fine grained disseminated cubic looking pyrite, stringer pyrite forming with calcite and quartz and fracture controlled pyrite. Chorite forms assoicated with some calcite + quartz stringer. Two sets of stringers one forms at 50 degrees and other at 10 dgrees, generally the stringers are <1cm wide some are more fracture infill.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

14.70, 16.85, PYR, DIS, 3.00, -, MGR, Disseminated cubic pyrite and stringer pyrite associated with quartz/calcite stringers
16.85, 24.50, PYR, DIS, 1.00, -, FGR, Disseminated cubic pyrite and stringer pyrite associated with quartz/calcite stringers
24.50, 27.30, PYR, DIS, .10, -, FGR, sporadic pyrite
27.30, 27.80, PYR, DIS, 5.00, -, VFG, dusting of pyrite
27.80, 30.10, PYR, DIS, .10, -, FGR, sporadic pyrite
30.10, 30.50, PYR, BBY, 5.00, -, VFG, Very fine grained disseminated sulphide and isolated blebs of pyrite associated with quartz/calcite stringers.
30.50, 31.10, PYR, DIS, 1.00, -, FGR, -

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

14.70, 31.10, QTZ_2, 1.00, 50.00, -, -, -, GRY_00025, .30, IRR, PYR, .50, 50 degree stringers as well as 10 degree stringers.

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

14.70, 31.10, MAG, -, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113435 | 14.7 | 15.9 | 1.2 | 0.120 | | | | |
| CAOND113436 | 15.9 | 16.9 | 1.0 | 0.147 | | | | |
| CAOND113437 | 16.9 | 18.0 | 1.1 | 0.658 | | | | |
| CAOND113438 | 18.0 | 19.5 | 1.5 | 0.153 | | | | |
| CAOND113439 | 19.5 | 21.0 | 1.5 | 0.666 | | | | |
| CAOND113440 | 21.0 | 22.5 | 1.5 | 0.551 | | | | |
| CAOND113441 | 22.5 | 23.6 | 1.1 | 0.175 | | | | |
| CAOND113442 | 23.6 | 24.5 | 0.9 | 0.174 | | | | |
| CAOND113443 | 24.5 | 25.9 | 1.4 | 0.748 | | | | |
| CAOND113444 | 25.9 | 27.3 | 1.4 | 0.866 | | | | |
| CAOND113446 | 27.3 | 27.8 | 0.5 | 0.107 | | | | |
| CAOND113447 | 27.8 | 29.1 | 1.3 | 0.276 | | | | |
| CAOND113448 | 29.1 | 30.1 | 1.0 | 0.275 | | | | |
| CAOND113449 | 30.1 | 30.5 | 0.4 | 0.326 | | | | |
| CAOND113451 | 30.5 | 31.1 | 0.6 | 0.053 | | | | |

**Major:** **From:** 31.10 **To:** 43.15 I2DAltBx, Syenite Alteration Breccia

weakly-moderately mineralized dirty looking syentite - Dark pink, strongly magentic, Increased chlorite alteration. Minor calcite quartz stringers, strong interstial calcite. Pyrite is minimal at top of unit and increases towards the bottom of the unit range from trace to 5%. Variable texture of sulphides ranging from disseminated, to blebby and stringers. With possible conglomerate xenolith from 32.4-32.7m

**MINOR INTERVAL**

32.40 - 32.70: S1weakly mineralized conglomerate (deformed and altered)???? Dark chloritic matrix with ghost like syentite fragments, 3 rounded clasts of granitic looking matrial which are rouned and

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113452 | 31.1 | 31.9 | 0.8 | 0.114 | | | | |
| CAOND113453 | 31.9 | 33.0 | 1.1 | 0.116 | | | | |
| CAOND113454 | 33.0 | 34.5 | 1.5 | 0.105 | | | | |
| CAOND113455 | 34.5 | 36.0 | 1.5 | 0.343 | | | | |
| CAOND113456 | 36.0 | 37.5 | 1.5 | 0.047 | | | | |

**Hole number:** KLUC18-510

1-2 cm wide. Also 1 cm wide pyrite clast noted.

**TEXTURE**
TYPE/COLOR/GRAIN_SIZE/COMMENTS
31.10, 43.15, POR, -, MGR, -

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
31.10, 31.90, PYR, BBY, .50, -, MGR, isolated blebs of sulphide
31.90, 43.15, PYR, DIS, 3.00, -, MGR, disseminated

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS
31.10, 43.15, QTZ_2, 1.00, 30.00, -, -, -, GRY_00025, .10, IRM, PYR, .50, Hairline fractures which splay off main stringer
31.10, 43.15, QTZ_2, .25, 30.00, -, -, -, GRY_00025, .20, FRF, -, -, -
31.10, 43.15, QTZ_2, 3.00, 30.00, -, -, -, GRY_00025, .10, IRR, PYR, -, -
31.10, 43.15, QTZ, .10, 30.00, -, -, -, GRY_00025, .30, FRF, -, -, -
43.00, 43.15, QTZ_2, 20.00, 40.00, -, -, -, PNK2_BASIC, 5.00, IRR, PYR, 10.00, Contact zone of syentite and V8

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113457 | 37.5 | 38.8 | 1.3 | 0.085 | | | | |
| CAOND113458 | 38.8 | 39.5 | 0.7 | 0.264 | | | | |
| CAOND113459 | 39.5 | 40.6 | 1.1 | 0.072 | | | | |
| CAOND113461 | 40.6 | 41.6 | 1.0 | 0.080 | | | | |
| CAOND113462 | 41.6 | 42.3 | 0.7 | 0.167 | | | | |
| CAOND113463 | 42.3 | 43.2 | 0.9 | 0.347 | | | | |

**Major:** **From:** 43.15 **To:** 58.45 V8t, Trachytic tuff

Weakly mineralized Tracyte tuff (undeformed) - Dark Grey, Massive, strongly magnetic, fine grained with about 1% scattered; black; angular shards. Alteration consists of weak pervasive calcite (to non reactive) Calcite also seen in crackle fractures and associated with stringers of quartz. Most of the veining comprises 1-2% thready/ gashy white calcite + Quartz fractures and veinlets with local scattered (<<1%) calcite- chlorite- Py feathery/ streamy veining to 3cm. Mineralization ranges from trace to 5%, fine grained disseminated cubic looking pyrite, stringer pyrite forming with calcite and quartz and fracture controlled pyrite. Chorite forms assoicated with some calcite + quartz stringer. Two sets of stringers one forms at 50 degrees and other at 10 dgrees, generally the stringers are <1cm wide some are more fracture infill.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
43.15, 58.45, PYR, DIS, .50, -, MGR, Disseminated

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS
43.15, 43.85, QTZ_2, 1.00, 30.00, -, -, -, GRY_00025, .10, IRM, PYR, .50, Hairline fractures which splay off main stringer
43.15, 58.45, QTZ_2, .25, 30.00, -, -, -, GRY_00025, .20, FRF, -, -, -
43.15, 58.45, QTZ_2, 3.00, 30.00, -, -, -, GRY_00025, .10, IRR, PYR, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113464 | 43.2 | 44.0 | 0.9 | 0.173 | | | | |
| CAOND113465 | 44.0 | 45.5 | 1.5 | 0.245 | | | | |
| CAOND113466 | 45.5 | 47.0 | 1.5 | 0.607 | | | | |
| CAOND113467 | 47.0 | 47.5 | 0.5 | 0.708 | | | | |
| CAOND113468 | 47.5 | 48.3 | 0.9 | 0.351 | | | | |
| CAOND113469 | 48.3 | 49.0 | 0.7 | 1.185 | | | | |
| CAOND113471 | 49.0 | 49.8 | 0.8 | 0.406 | | | | |
| CAOND113472 | 49.8 | 50.2 | 0.4 | 0.525 | | | | |
| CAOND113473 | 50.2 | 51.0 | 0.8 | 0.674 | | | | |
| CAOND113474 | 51.0 | 51.6 | 0.6 | 0.867 | | | | |
| CAOND113476 | 51.6 | 52.5 | 0.9 | 0.322 | | | | |
| CAOND113477 | 52.5 | 53.4 | 0.9 | 0.117 | | | | |
| CAOND113478 | 53.4 | 54.0 | 0.6 | 0.369 | | | | |
| CAOND113479 | 54.0 | 55.5 | 1.5 | 0.726 | | | | |
| CAOND113481 | 55.5 | 56.6 | 1.1 | 2.320 | | | | |
| CAOND113482 | 56.6 | 57.5 | 0.9 | 0.272 | | | | |

**Hole number:** KLUC18-510

43.15, 58.45, QTZ, .10, 30.00, -, -, -, GRY_00025, .30, FRF, -, -, -

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
43.15, 58.45, MAG, -, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113483 | 57.5 | 57.9 | 0.4 | 0.065 | | | | |
| CAOND113484 | 57.9 | 58.5 | 0.6 | 0.520 | | | | |

**Major:** **From:** 58.45 **To:** 75.45 I2Dp, Porphyritic Syenite

Mineralized porphyrtic syenite - Fine grained, pink, fine grained matrix with clear quartz eyes and white laths of feldspar. rounded quartz eyes in general are <0.3cm wide and feldar laths are up to 0.5 cm wide. Unit is weakly to non magnetic and contians strong calcite. Quartz dominate stringers form ~every 1m are thing <0.5cm, two different sets at 20, 35degrees. Unit contians evenly distributed pyrite disseminated through out at 5-8%. Minor irregular fractures infilled with chlorite.

**TEXTURE**
TYPE/COLOR/GRAIN_SIZE/COMMENTS
58.45, 75.45, POR, -, MGR, -

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
58.45, 75.45, PYR, DIS, 5.00, -, MGR, -

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
58.45, 59.70, QTZ_2, 3.00, 30.00, -, -, -, GRY_00025, .10, IRR, PYR, -, -
58.45, 69.00, QTZ, .10, 30.00, -, -, -, GRY_00025, .30, FRF, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113485 | 58.5 | 59.7 | 1.3 | 0.142 | | | | |
| CAOND113486 | 59.7 | 60.8 | 1.1 | 0.138 | | | | |
| CAOND113487 | 60.8 | 62.2 | 1.5 | 0.089 | | | | |
| CAOND113488 | 62.2 | 63.5 | 1.3 | 0.327 | | | | |
| CAOND113489 | 63.5 | 64.7 | 1.2 | 0.333 | | | | |
| CAOND113491 | 64.7 | 66.0 | 1.3 | 0.199 | | | | |
| CAOND113492 | 66.0 | 67.5 | 1.5 | 0.184 | | | | |
| CAOND113493 | 67.5 | 69.0 | 1.5 | 0.139 | | | | |
| CAOND113494 | 69.0 | 70.5 | 1.5 | 0.134 | | | | |
| CAOND113495 | 70.5 | 72.0 | 1.5 | 0.110 | | | | |
| CAOND113496 | 72.0 | 73.0 | 1.0 | 0.082 | 0.250 | 7 | 18 | |
| CAOND113497 | 73.0 | 74.0 | 1.0 | 0.131 | | | | |
| CAOND113498 | 74.0 | 75.5 | 1.5 | 0.122 | | | | |

**Major:** **From:** 75.45 **To:** 80.70 V8t, Trachytic tuff

Mineralized Tracyte tuff (undeformed) - Dark Grey, Massive, strongly magnetic, fine grained with about 1% scattered; black; angular shards. Alteration consists of moderate pervasive calcite. Calcite also seen in crackle fractures and associated with stringers of quartz as well as interstitial calcite in matrix. Most of the veining comprises 1-2% thready/ gashy white calcite + Quartz fractures and veinlets with local scattered (<<1%) calcite- chlorite- Py feathery/ streamy veining to 3cm. Mineralization ranges from trace to several percent fine grained disseminated cubic looking pyrite, stringer pyrite forming with calcite and quartz and fracture controlled pyrite. Isolated sporadic blebs of chalcopyrite seen with wpidote. Starting to get green epidote alteration which is often associated with calcite and pyrite. Chorite forms assoicated with some calcite + quartz stringer. Irregular jagged stringers which form at low core angle sand at 50 degrees.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
75.45, 80.70, PYR, DIS, .50, -, -, -
76.00, 76.80, CPY, BBY, .10, -, MGR, isolated sporadic blebs of cp

**MINERAL**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND113499 | 75.5 | 76.8 | 1.4 | 0.568 | | | | |
| CAOND114001 | 76.8 | 77.7 | 0.9 | 0.557 | | | | |
| CAOND114002 | 77.7 | 79.2 | 1.5 | 0.275 | | | | |
| CAOND114003 | 79.2 | 80.7 | 1.5 | 0.267 | | | | |

**Hole number:** KLUC18-510

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
75.45, 80.70, MAG, -, -, -, -, -

**Major:** **From:** 80.70 **To:** 95.00 I2Dp, Porphyritic Syenite

Mineralized porphyrtic syenitite - Medium grained pink matrix white laths of feldspar and minor rounded quartz eyes in general are <0.3cm wide and feldar laths are up to 0.5 cm wide. Unit is strongly magnetic and contians moderate intertitial calcite. Thin irregular calcite stringers flat lyingand at 50 degrees. Disseminated pyirte though out unit ~1%. Upper contact is wavy and sharp at 50 and lower contact is wavy and sharp at 0 degrees with 1cm quartz stringer at contact. Disseminated pyirte though out unit ~5%. Often slight increase in sulphides proximal to calcite infilled fractures. Upper contact is wispy and sharp at 30 and lower contact is sharp at 50 degrees with 1cm stringer of pyrite at contact.

**TEXTURE**
TYPE/COLOR/GRAIN_SIZE/COMMENTS
80.80, 95.00, POR, -, MGR, -

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
80.70, 80.80, PYR, DIS, .50, -, -, -
80.80, 84.40, PYR, DIS, 5.00, -, MGR, Dissemianted
84.40, 85.50, PYR, DIS, .10, -, MGR, -
85.50, 95.00, PYR, DIS, 5.00, -, MGR, -
94.48, 94.55, PYR, STG, 30.00, -, MGR, Three massive sulphide stringers associated with quartz and calcite

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
80.70, 80.80, MAG, -, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114004 | 80.7 | 81.8 | 1.1 | 0.046 | | | | |
| CAOND114005 | 81.8 | 83.0 | 1.2 | 0.892 | | | | |
| CAOND114006 | 83.0 | 84.4 | 1.4 | 0.322 | | | | |
| CAOND114007 | 84.4 | 85.5 | 1.1 | 1.525 | | | | |
| CAOND114008 | 85.5 | 87.0 | 1.5 | 0.572 | | | | |
| CAOND114009 | 87.0 | 88.5 | 1.5 | 1.325 | | | | |
| CAOND114010 | 88.5 | 90.0 | 1.5 | 2.940 | 0.250 | 6 | 21 | |
| CAOND114011 | 90.0 | 91.5 | 1.5 | 0.532 | | | | |
| CAOND114012 | 91.5 | 93.0 | 1.5 | 0.352 | 0.250 | 7 | 25 | |
| CAOND114013 | 93.0 | 94.5 | 1.5 | 0.513 | 0.250 | 10 | 20 | |
| CAOND114014 | 94.5 | 95.0 | 0.5 | 204.000 | 4.700 | 15 | 16 | |

**Major:** **From:** 95.00 **To:** 154.40 V8Gs, Trachyte green spotted

Mineralized Tracyte tuff with epidote alteration (undeformed) - Dark Grey, with green spots (1cm wide consiting of epidote + calcite + pyrite. Massive, strongly magnetic, fine grained with about 1% scattered; ehhedral; black; amphibole laths and black shards. Alteration consists of moderate pervasive calcite (to non reactive) Calcite also seen in crackle fractures and associated with stringers of quartz. Most of the veining comprises 1-2% thready/ gashy white calcite + Quartz fractures and veinlets with local scattered (<<1%) calcite- chlorite- Py feathery/ streamy veining to 3cm. Mineralization ranges from trace to several percent fine grained disseminated cubic looking pyrite, stringer pyrite forming with calcite and quartz and fracture controlled pyrite. In general stringers are at low angles. Pyrite is seen as blebs with in epidote alteration and in fractures. No disseminated mineralization. Isolated massive stringers are noted.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
95.00, 95.05, PYR, DIS, 5.00, -, MGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114016 | 95.0 | 95.6 | 0.6 | 1.015 | | | | |
| CAOND114017 | 95.6 | 96.3 | 0.7 | 1.295 | | | | |
| CAOND114018 | 96.3 | 97.2 | 0.9 | 0.430 | | | | |
| CAOND114019 | 97.2 | 98.5 | 1.3 | 1.285 | | | | |
| CAOND114021 | 98.5 | 100.0 | 1.5 | 0.292 | | | | |
| CAOND114022 | 100.0 | 101.5 | 1.5 | 0.393 | | | | |
| CAOND114023 | 101.5 | 103.0 | 1.5 | 1.355 | | | | |
| CAOND114024 | 103.0 | 104.5 | 1.5 | 2.670 | | | | |
| CAOND114026 | 104.5 | 106.0 | 1.5 | 1.920 | | | | |
| CAOND114027 | 106.0 | 107.5 | 1.5 | 3.890 | | | | |

**Hole number:** KLUC18-510

96.30, 97.20, PYR, FRF, 3.00, -, MGR, irregular calcite strigners associated with pyrite.
97.20, 104.20, PYR, SPO, .10, -, FGR, form in epidote spotts
104.20, 104.50, PYR, DIS, 1.00, -, FGR, -
104.50, 154.40, PYR, SPO, .50, -, FGR, formed in epidote spots
110.50, 110.51, CPY, BBY, .10, -, MGR, isolated bleb of cp in quarttz calcite stringer
151.60, 152.20, PYR, DIS, 5.00, -, VFG, Dusting of pyrite

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
95.05, 154.40, EPD+, SPO, MOD, GRN2_BASIC, FGR, -, 0.5-1cm wide spotts of epidote + calcite + pyrite

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
141.80, 142.00, FOL, -, 50.00, -, -, -, -

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
95.05, 95.60, QTZ_2, 1.00, 30.00, -, -, -, GRY_00025, .20, IRM, -, -, irregular wispy stringers.
110.50, 110.60, QTZ_2, 3.00, 20.00, -, -, -, GRY_00025, 1.00, MAS, CPY, .10, isolated blebs of cp and pyrite in the vein.
138.60, 139.00, QTZ_2, 15.00, 40.00, -, -, -, GRY_00025, -, ANA, PYR, 5.00, calcite + quarttz flooding with disseminated suphides
141.80, 142.00, CAL, 1.00, 50.00, -, -, -, GRY_00025, .30, FOL, PYR, 3.00, -

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
95.00, 154.40, MAG, -, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114028 | 107.5 | 109.0 | 1.5 | 1.785 | | | | |
| CAOND114029 | 109.0 | 110.4 | 1.4 | 4.900 | 0.250 | 84 | 69 | |
| CAOND114031 | 110.4 | 110.7 | 0.3 | 1.175 | | | | |
| CAOND114032 | 110.7 | 112.0 | 1.3 | 2.250 | | | | |
| CAOND114033 | 112.0 | 113.5 | 1.5 | 0.697 | | | | |
| CAOND114034 | 113.5 | 115.0 | 1.5 | 1.200 | | | | |
| CAOND114035 | 115.0 | 116.5 | 1.5 | 0.356 | | | | |
| CAOND114036 | 116.5 | 118.0 | 1.5 | 0.900 | | | | |
| CAOND114037 | 118.0 | 119.5 | 1.5 | 3.560 | | | | |
| CAOND114038 | 119.5 | 121.0 | 1.5 | 0.266 | | | | |
| CAOND114039 | 121.0 | 122.5 | 1.5 | 0.095 | | | | |
| CAOND114040 | 122.5 | 124.0 | 1.5 | 0.098 | | | | |
| CAOND114041 | 124.0 | 125.5 | 1.5 | 0.105 | | | | |
| CAOND114042 | 125.5 | 127.0 | 1.5 | 2.230 | | | | |
| CAOND114043 | 127.0 | 128.5 | 1.5 | 2.710 | | | | |
| CAOND114044 | 128.5 | 129.8 | 1.3 | 0.885 | | | | |
| CAOND114046 | 129.8 | 130.1 | 0.3 | 11.400 | | | | |
| CAOND114047 | 130.1 | 131.5 | 1.4 | 3.440 | | | | |
| CAOND114048 | 131.5 | 133.0 | 1.5 | 0.233 | | | | |
| CAOND114049 | 133.0 | 134.3 | 1.3 | 0.460 | | | | |
| CAOND114051 | 134.3 | 135.0 | 0.7 | 1.045 | | | | |
| CAOND114052 | 135.0 | 136.5 | 1.5 | 0.295 | | | | |
| CAOND114053 | 136.5 | 138.0 | 1.5 | 0.396 | | | | |
| CAOND114054 | 138.0 | 139.0 | 1.0 | 0.284 | | | | |
| CAOND114055 | 139.0 | 140.5 | 1.5 | 0.797 | | | | |
| CAOND114056 | 140.5 | 142.0 | 1.5 | 0.474 | 0.250 | 206 | 71 | |
| CAOND114057 | 142.0 | 143.0 | 1.0 | 0.161 | | | | |
| CAOND114058 | 143.0 | 144.5 | 1.5 | 0.229 | | | | |
| CAOND114059 | 144.5 | 146.0 | 1.5 | 0.062 | | | | |
| CAOND114061 | 146.0 | 147.5 | 1.5 | 0.578 | | | | |
| CAOND114062 | 147.5 | 149.0 | 1.5 | 0.026 | | | | |
| CAOND114063 | 149.0 | 150.5 | 1.5 | 0.011 | | | | |
| CAOND114064 | 150.5 | 151.6 | 1.1 | 0.047 | | | | |

**Hole number:** KLUC18-510

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114065 | 151.6 | 152.2 | 0.6 | 0.036 | | | | |
| CAOND114066 | 152.2 | 153.3 | 1.1 | 0.021 | | | | |
| CAOND114067 | 153.3 | 154.4 | 1.1 | 0.072 | | | | |

**Major:** **From:** 154.40 **To:** 156.45 I2Dp, Porphyritic Syenite

Mineralized porphyrtic syenitite - Medium grained pink matrix white laths of feldspar and minor rounded quartz eyes in general are <0.3cm wide and feldar laths are up to 0.5 cm wide. Unit is strongly magnetic and contians moderate intertitial calcite. Thin irregular calcite stringers flat lyingand at 50 degrees. Disseminated pyirte though out unit ~1%. Upper contact is wavy and sharp at 50 and lower contact is wavy and sharp at 0 degrees with 1cm quartz stringer at contact.

**TEXTURE**

TYPE/COLOR/GRAIN_SIZE/COMMENTS

154.40, 156.45, POR, -, MGR, -

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

154.40, 156.45, PYR, SPO, .50, -, FGR, formed in epidote spots

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

154.40, 156.45, MAG, -, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114068 | 154.4 | 155.4 | 1.0 | 0.053 | | | | |
| CAOND114069 | 155.4 | 156.5 | 1.0 | 0.164 | | | | |

**Major:** **From:** 156.45 **To:** 172.45 V8Gs, Trachyte green spotted

Mineralized Tracyte tuff with epidote alteration (undeformed) - Dark Grey, with green spots (1cm wide consiting of epidote + calcite + pyrite. Massive, strongly magnetic, fine grained with about 1% scattered; ehhedral; black; amphibole laths and black shards. Alteration consists of moderate pervasive calcite (to non reactive) Calcite also seen in crackle fractures and associated with stringers of quartz. Most of the veining comprises 1-2% thready/ gashy white calcite + Quartz fractures and veinlets with local scattered (<<1%) calcite- chlorite- Py feathery/ streamy veining to 3cm. Mineralization ranges from trace to several percent fine grained disseminated cubic looking pyrite, stringer pyrite forming with calcite and quartz and fracture controlled pyrite. In general stringers are at low angles. Pyrite is seen as blebs with in epidote alteration and in fractures. No disseminated mineralization. Isolated massive stringers are noted.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

156.45, 172.45, PYR, SPO, .50, -, FGR, formed in epidote spots

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

156.45, 172.45, EPD+, SPO, MOD, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114071 | 156.5 | 157.5 | 1.1 | 0.108 | | | | |
| CAOND114072 | 157.5 | 159.0 | 1.5 | 0.123 | | | | |
| CAOND114073 | 159.0 | 160.5 | 1.5 | 0.078 | | | | |
| CAOND114074 | 160.5 | 162.0 | 1.5 | 0.231 | | | | |
| CAOND114076 | 162.0 | 163.5 | 1.5 | 0.148 | | | | |
| CAOND114077 | 163.5 | 165.0 | 1.5 | 0.109 | | | | |
| CAOND114078 | 165.0 | 166.5 | 1.5 | 0.194 | | | | |
| CAOND114079 | 166.5 | 168.0 | 1.5 | 0.119 | | | | |
| CAOND114081 | 168.0 | 169.5 | 1.5 | 0.588 | | | | |
| CAOND114082 | 169.5 | 171.0 | 1.5 | 0.131 | | | | |
| CAOND114083 | 171.0 | 172.5 | 1.5 | 0.118 | | | | |

## Hole number: KLUC18-510

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
156.45, 172.45, MAG, -, -, -, -, -

**Major:** **From:** 172.45 **To:** 173.15 VN, Veine

Undeformed unmineralized quartz vein - medium grained white massive low angle quartz vein. vein does not contian sulphides but some disseminated sulphide proximal to vein. Looks dry. low agnel of 20 degrees.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
172.45, 173.15, PYR, SPO, .50, -, FGR, formed in epidote spots

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
172.45, 173.15, QTZ_2, 40.00, 20.00, -, -, -, GRY_00025, 3.00, MAS, PYR, 1.00, pyrite forms in wallrock

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
172.45, 173.15, MAG, -, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114084 | 172.5 | 173.2 | 0.7 | 0.034 | | | | |

**Major:** **From:** 173.15 **To:** 194.60 V8Gs, Trachyte green spotted

Mineralized Tracyte tuff with epidote alteration (undeformed) - Dark Grey, with green spots (1cm wide consiting of epidote + calcite + pyrite. Massive, strongly magnetic, fine grained with about 1% scattered; ehhedral; black; amphibole laths and black shards. Alteration consists of moderate pervasive calcite (to non reactive) Calcite also seen in crackle fractures and associated with stringers of quartz. Most of the veining comprises 1-2% thready/ gashy white calcite + Quartz fractures and veinlets with local scattered (<<1%) calcite- chlorite- Py feathery/ streamy veining to 3cm. pervasive moderate patches of hematite staining in places. Mineralization ranges from trace to several percent fine grained disseminated cubic looking pyrite, stringer pyrite forming with calcite and quartz and fracture controlled pyrite. In general stringers are at low angles. Pyrite is seen as blebs with in epidote alteration and in fractures. No disseminated mineralization. Isolated massive stringers are noted.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
173.15, 194.60, PYR, SPO, .50, -, FGR, formed in epidote spots

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
173.15, 194.60, EPD+, SPO, WEAK, -, -, -, -
179.90, 180.50, HEM+, PEN, WEAK, PNK2_BASIC, FGR, -, -
186.40, 189.60, HEM+, PEN, WEAK, PNK2_BASIC, FGR, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114085 | 173.2 | 174.5 | 1.4 | 0.008 | | | | |
| CAOND114086 | 174.5 | 176.0 | 1.5 | 0.061 | | | | |
| CAOND114087 | 176.0 | 177.5 | 1.5 | 0.027 | | | | |
| CAOND114088 | 177.5 | 179.0 | 1.5 | 0.025 | | | | |
| CAOND114089 | 179.0 | 180.5 | 1.5 | 0.075 | | | | |
| CAOND114091 | 180.5 | 182.0 | 1.5 | 0.092 | | | | |
| CAOND114092 | 182.0 | 183.5 | 1.5 | 0.040 | | | | |
| CAOND114093 | 183.5 | 185.0 | 1.5 | 0.145 | | | | |
| CAOND114094 | 185.0 | 186.5 | 1.5 | 0.370 | | | | |
| CAOND114095 | 186.5 | 188.0 | 1.5 | 0.545 | | | | |
| CAOND114096 | 188.0 | 189.5 | 1.5 | 0.109 | | | | |
| CAOND114097 | 189.5 | 191.0 | 1.5 | 0.601 | | | | |
| CAOND114098 | 191.0 | 192.5 | 1.5 | 0.046 | | | | |
| CAOND114099 | 192.5 | 193.2 | 0.7 | 0.072 | | | | |
| KLUC18-510LC-001 | 193.2 | 194.6 | 1.4 | | | | | |

## Hole number: KLUC18-510

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
173.15, 194.60, MAG, -, -, -, -, -

**Major:** **From:** 194.60 **To:** 195.00 VN, Veine

Mineralized quartz vein - quartz flooding with 1cm wide blebs of chalcopyrite, 3% chalcopyrite. Vein forms at 50 degrees, and had diffuse boundaries, bleeding and brecciating the wall rock.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
194.60, 195.00, PYR, SPO, .50, -, FGR, formed in epidote spots
194.60, 195.00, CPY, BBY, 3.00, -, CGR, up to 1 cm wide blebs of chalcopyrite in quartz vein

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
194.60, 195.00, QTZ, 30.00, 50.00, -, -, -, GRY_00025, -, WLA, CPY, 3.00, blebs of cp

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
194.60, 195.00, MAG, -, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114101 | 194.6 | 195.0 | 0.4 | 0.014 | | | | |

**Major:** **From:** 195.00 **To:** 256.40 V8Gs, Trachyte green spotted

Mineralized Tracyte tuff with epidote alteration (undeformed) - Dark Grey, with green spots (1cm wide consiting of epidote + calcite + pyrite. Massive, strongly magnetic, fine grained with about 1% scattered; ehhedral; black; amphibole laths and black shards. Alteration consists of moderate pervasive calcite (to non reactive) Calcite also seen in crackle fractures and associated with stringers of quartz. Most of the veining comprises 1-2% thready/ gashy white calcite + Quartz fractures and veinlets with local scattered (<<1%) calcite- chlorite- Py feathery/ streamy veining to 3cm. Mineralization ranges from trace to several percent fine grained disseminated cubic looking pyrite, stringer pyrite forming with calcite and quartz and fracture controlled pyrite. In general stringers are at low angles. Pyrite is seen as blebs with in epidote alteration and in fractures, in general sulphide contact is between trace and 1%. No disseminated mineralization. Isolated massive stringers are noted.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
195.00, 256.40, PYR, SPO, .50, -, FGR, formed in epidote spots
212.30, 212.50, CPY, BBY, .10, -, MGR, isolated blebs of cp in 0.5cm wide calcite stringer
226.30, 226.40, CPY, BBY, .10, -, FGR, isolated bleb in thin calcite stringer which forms at low angles
229.25, 229.30, CPY, BBY, .10, -, MGR, Isolated bleb in 0.5cm wide calcite stringer (low angle)

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
195.00, 199.75, HEM+, PEN, WEAK, PNK2_BASIC, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114102 | 195.0 | 196.0 | 1.0 | 0.038 | | | | |
| CAOND114103 | 196.0 | 197.5 | 1.5 | 0.012 | | | | |
| CAOND114104 | 197.5 | 199.0 | 1.5 | 0.024 | | | | |
| CAOND114105 | 199.0 | 200.5 | 1.5 | 0.023 | | | | |
| CAOND114106 | 200.5 | 202.0 | 1.5 | 0.012 | | | | |
| CAOND114107 | 202.0 | 203.5 | 1.5 | 0.039 | | | | |
| CAOND114108 | 203.5 | 205.0 | 1.5 | 0.007 | | | | |
| CAOND114109 | 205.0 | 206.5 | 1.5 | 0.008 | | | | |
| CAOND114110 | 206.5 | 208.0 | 1.5 | 0.006 | | | | |
| CAOND114111 | 208.0 | 209.5 | 1.5 | 0.007 | | | | |
| CAOND114112 | 209.5 | 211.0 | 1.5 | 0.010 | | | | |
| CAOND114113 | 211.0 | 212.5 | 1.5 | 0.009 | | | | |
| CAOND114114 | 212.5 | 214.0 | 1.5 | 0.069 | | | | |
| CAOND114116 | 214.0 | 215.5 | 1.5 | 0.017 | | | | |
| CAOND114117 | 215.5 | 217.0 | 1.5 | 0.006 | | | | |
| CAOND114118 | 217.0 | 218.5 | 1.5 | 0.011 | | | | |

**Hole number:** KLUC18-510

195.00, 210.00, EPD+, SPO, WEAK, -, -, -, -
252.40, 256.40, HEM+, PEN, WEAK, PNK2_BASIC, FGR, -, -

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
195.00, 256.40, MAG, -, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114119 | 218.5 | 220.0 | 1.5 | 0.020 | | | | |
| CAOND114121 | 220.0 | 221.5 | 1.5 | 0.006 | | | | |
| CAOND114122 | 221.5 | 223.0 | 1.5 | 0.010 | | | | |
| CAOND114123 | 223.0 | 224.5 | 1.5 | 0.010 | | | | |
| CAOND114124 | 224.5 | 226.0 | 1.5 | 0.022 | | | | |
| CAOND114126 | 226.0 | 227.5 | 1.5 | 0.258 | | | | |
| CAOND114127 | 227.5 | 229.0 | 1.5 | 0.080 | | | | |
| CAOND114128 | 229.0 | 230.5 | 1.5 | 0.069 | | | | |
| CAOND114129 | 230.5 | 232.0 | 1.5 | 0.117 | | | | |
| CAOND114131 | 232.0 | 233.5 | 1.5 | 0.466 | | | | |
| CAOND114132 | 233.5 | 235.0 | 1.5 | 0.096 | | | | |
| CAOND114133 | 235.0 | 236.5 | 1.5 | 0.047 | | | | |
| CAOND114134 | 236.5 | 238.0 | 1.5 | 0.115 | | | | |
| CAOND114135 | 238.0 | 239.5 | 1.5 | 0.039 | | | | |
| CAOND114136 | 239.5 | 241.0 | 1.5 | 0.014 | | | | |
| CAOND114137 | 241.0 | 242.5 | 1.5 | 0.008 | | | | |
| CAOND114138 | 242.5 | 244.0 | 1.5 | 0.355 | | | | |
| CAOND114139 | 244.0 | 245.5 | 1.5 | 0.124 | | | | |
| CAOND114140 | 245.5 | 247.0 | 1.5 | 0.051 | | | | |
| CAOND114141 | 247.0 | 248.5 | 1.5 | 0.113 | | | | |
| CAOND114142 | 248.5 | 250.0 | 1.5 | 0.136 | | | | |
| CAOND114143 | 250.0 | 251.5 | 1.5 | 0.226 | | | | |
| CAOND114144 | 251.5 | 253.0 | 1.5 | 0.439 | | | | |
| CAOND114146 | 253.0 | 254.5 | 1.5 | 0.364 | | | | |
| CAOND114147 | 254.5 | 255.5 | 1.0 | 0.531 | | | | |
| CAOND114148 | 255.5 | 256.4 | 0.9 | 0.174 | | | | |

**Major:** **From:** 256.40 **To:** 263.30 V8, Trachyte

Weakly mineralized Tracyte Flow (undeformed) - Dark Grey, Massive, strongly magnetic, fine grained, Alteration consists of weak pervasive calcite (to non reactive) Calcite also seen in crackle fractures and associated with stringers of quartz. Most of the veining comprises 1-2% thready/ gashy white calcite + Quartz fractures and veinlets with local scattered (<<1%) calcite- chlorite- Py feathery/ streamy veining to 3cm. Mineralization fine grained disseminated cubic looking pyrite, and isolated blebs often in calcite. Irregular hairline fractures infilled with calcite form at low core angles. Gradational contacts

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114149 | 256.4 | 257.5 | 1.1 | 0.227 | | | | |
| CAOND114151 | 257.5 | 259.0 | 1.5 | 0.447 | | | | |
| CAOND114152 | 259.0 | 260.5 | 1.5 | 0.565 | | | | |
| CAOND114153 | 260.5 | 262.0 | 1.5 | 0.709 | | | | |
| CAOND114154 | 262.0 | 263.3 | 1.3 | 0.354 | | | | |

**Hole number:** KLUC18-510

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
256.40, 262.20, PYR, SPO, .50, -, FGR, formed in epidote spots
262.20, 263.30, PYR, DIS, 1.00, -, FGR, Cubic pyrite disseminated through out unit

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
256.40, 263.30, MAG, -, -, -, -, -

**Major:** **From:** 263.30 **To:** 282.00 I2Dmt, Syenite Mafic Trachytic

Mineralized, dirty looking syentite + trachyte. Black Pink, medium grained, strongly magnetic, moderate pervasive calcite and hematite. Thin irregular low angle and 50 degree angle calcite fracture sets (1%). Textures range from massive to autobrecciated. Several aphantic, light gray bleached fragments averaging 2cm with one xenolith noted at 20cm. Possible altered trachyte fragments. Fragments are subrounded in appearance and elongated along a fabric at 50 degrees. Thought to be a contact zone between trachyte and syentite

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
263.30, 282.00, PYR, DIS, 1.00, -, FGR, Cubic pyrite disseminated through out unit

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
271.25, 273.10, FRS, WEAK, 10.00, -, -, -, low angle fractures infilled with calcite. MOre intense then rest of rock.
272.00, 282.00, FOL, -, 50.00, -, -, -, Weak foliaation defined by chlorite alteration and xenolith alignment.
277.20, 282.00, FRA, MOD, 50.00, -, -, -, Autobreccia, clast supported, rimmed by chorite.

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
263.30, 282.00, MAG, -, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114155 | 263.3 | 264.3 | 1.0 | 0.147 | | | | |
| CAOND114156 | 264.3 | 265.5 | 1.2 | 0.035 | | | | |
| CAOND114157 | 265.5 | 267.0 | 1.5 | 0.025 | | | | |
| CAOND114158 | 267.0 | 268.5 | 1.5 | 0.035 | | | | |
| CAOND114159 | 268.5 | 270.0 | 1.5 | 0.046 | | | | |
| CAOND114161 | 270.0 | 271.3 | 1.3 | 0.057 | | | | |
| CAOND114162 | 271.3 | 272.5 | 1.3 | 0.121 | | | | |
| CAOND114163 | 272.5 | 274.0 | 1.5 | 0.068 | | | | |
| CAOND114164 | 274.0 | 275.5 | 1.5 | 0.075 | | | | |
| CAOND114165 | 275.5 | 277.0 | 1.5 | 0.052 | | | | |
| CAOND114166 | 277.0 | 278.5 | 1.5 | 0.038 | | | | |
| CAOND114167 | 278.5 | 280.0 | 1.5 | 0.083 | | | | |
| CAOND114168 | 280.0 | 281.0 | 1.0 | 0.015 | | | | |
| CAOND114169 | 281.0 | 282.0 | 1.0 | 0.023 | | | | |

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 3.0 | 6.0 | 47.00 | 100.00 | | | N | |
| 6.0 | 9.0 | 60.00 | 100.00 | | | N | |
| 9.0 | 12.0 | 43.00 | 100.00 | | | N | |
| 12.0 | 15.0 | 73.00 | 100.00 | | | N | |
| 15.0 | 18.0 | 65.00 | 100.00 | | | N | |

**Hole number:** KLUC18-510

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 18.0 | 21.0 | 87.00 | 100.00 | | | N | |
| 21.0 | 24.0 | 97.00 | 100.00 | | | N | |
| 24.0 | 27.0 | 95.00 | 100.00 | | | N | |
| 27.0 | 30.0 | 82.00 | 100.00 | | | N | |
| 30.0 | 33.0 | 87.00 | 100.00 | | | N | |
| 33.0 | 36.0 | 95.00 | 100.00 | | | N | |
| 36.0 | 39.0 | 87.00 | 100.00 | | | N | |
| 39.0 | 42.0 | 90.00 | 100.00 | | | N | |
| 42.0 | 45.0 | 90.00 | 100.00 | | | N | |
| 45.0 | 48.0 | 95.00 | 100.00 | | | N | |
| 48.0 | 51.0 | 92.00 | 100.00 | | | N | |
| 51.0 | 54.0 | 83.00 | 100.00 | | | N | |
| 54.0 | 57.0 | 100.00 | 100.00 | | | N | |
| 57.0 | 60.0 | 97.00 | 100.00 | | | N | |
| 60.0 | 63.0 | 80.00 | 100.00 | | | N | |
| 63.0 | 66.0 | 90.00 | 100.00 | | | N | |
| 66.0 | 69.0 | 93.00 | 100.00 | | | N | |
| 69.0 | 72.0 | 93.00 | 100.00 | | | N | |
| 72.0 | 75.0 | 80.00 | 100.00 | | | N | |
| 75.0 | 78.0 | 90.00 | 100.00 | | | N | |
| 78.0 | 81.0 | 93.00 | 100.00 | | | N | |
| 81.0 | 84.0 | 93.00 | 100.00 | | | N | |
| 84.0 | 87.0 | 77.00 | 100.00 | | | N | |
| 87.0 | 90.0 | 98.00 | 100.00 | | | N | |
| 90.0 | 93.0 | 93.00 | 100.00 | | | N | |
| 93.0 | 96.0 | 87.00 | 100.00 | | | N | |
| 96.0 | 99.0 | 98.00 | 100.00 | | | N | |
| 99.0 | 102.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC18-510

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 102.0 | 105.0 | 98.00 | 100.00 | | | N | |
| 105.0 | 108.0 | 95.00 | 100.00 | | | N | |
| 108.0 | 111.0 | 100.00 | 100.00 | | | N | |
| 111.0 | 114.0 | 97.00 | 100.00 | | | N | |
| 114.0 | 117.0 | 100.00 | 100.00 | | | N | |
| 117.0 | 120.0 | 95.00 | 100.00 | | | N | |
| 120.0 | 123.0 | 100.00 | 100.00 | | | N | |
| 123.0 | 126.0 | 100.00 | 100.00 | | | N | |
| 126.0 | 129.0 | 98.00 | 100.00 | | | N | |
| 129.0 | 132.0 | 98.00 | 100.00 | | | N | |
| 132.0 | 135.0 | 98.00 | 100.00 | | | N | |
| 135.0 | 138.0 | 98.00 | 100.00 | | | N | |
| 138.0 | 141.0 | 97.00 | 100.00 | | | N | |
| 141.0 | 144.0 | 100.00 | 100.00 | | | N | |
| 144.0 | 147.0 | 100.00 | 100.00 | | | N | |
| 147.0 | 150.0 | 100.00 | 100.00 | | | N | |
| 150.0 | 153.0 | 93.00 | 100.00 | | | N | |
| 153.0 | 156.0 | 98.00 | 100.00 | | | N | |
| 156.0 | 159.0 | 93.00 | 100.00 | | | N | |
| 159.0 | 162.0 | 98.00 | 100.00 | | | N | |
| 162.0 | 165.0 | 97.00 | 100.00 | | | N | |
| 165.0 | 168.0 | 100.00 | 100.00 | | | N | |
| 168.0 | 171.0 | 93.00 | 100.00 | | | N | |
| 171.0 | 174.0 | 98.00 | 100.00 | | | N | |
| 174.0 | 177.0 | 92.00 | 100.00 | | | N | |
| 177.0 | 180.0 | 98.00 | 100.00 | | | N | |
| 180.0 | 183.0 | 83.00 | 100.00 | | | N | |
| 183.0 | 186.0 | 73.00 | 100.00 | | | N | |

**Hole number:** KLUC18-510

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 186.0 | 189.0 | 93.00 | 100.00 | | | N | |
| 189.0 | 192.0 | 83.00 | 100.00 | | | N | |
| 192.0 | 195.0 | 33.00 | 100.00 | | | N | |
| 195.0 | 198.0 | 97.00 | 100.00 | | | N | |
| 198.0 | 201.0 | 100.00 | 100.00 | | | N | |
| 201.0 | 204.0 | 97.00 | 100.00 | | | N | |
| 204.0 | 207.0 | 97.00 | 100.00 | | | N | |
| 207.0 | 210.0 | 93.00 | 100.00 | | | N | |
| 210.0 | 213.0 | 97.00 | 100.00 | | | N | |
| 213.0 | 216.0 | 57.00 | 100.00 | | | N | |
| 216.0 | 219.0 | 97.00 | 100.00 | | | N | |
| 219.0 | 222.0 | 93.00 | 100.00 | | | N | |
| 222.0 | 225.0 | 50.80 | 100.00 | | | N | |
| 225.0 | 228.0 | 90.00 | 100.00 | | | N | |
| 228.0 | 231.0 | 97.00 | 100.00 | | | N | |
| 231.0 | 234.0 | 98.00 | 100.00 | | | N | |
| 234.0 | 237.0 | 100.00 | 100.00 | | | N | |
| 237.0 | 240.0 | 98.00 | 100.00 | | | N | |
| 240.0 | 243.0 | 92.00 | 100.00 | | | N | |
| 243.0 | 246.0 | 97.00 | 100.00 | | | N | |
| 246.0 | 249.0 | 100.00 | 100.00 | | | N | |
| 249.0 | 252.0 | 93.00 | 100.00 | | | N | |
| 252.0 | 255.0 | 100.00 | 100.00 | | | N | |
| 255.0 | 258.0 | 93.00 | 100.00 | | | N | |
| 258.0 | 261.0 | 100.00 | 100.00 | | | N | |
| 261.0 | 264.0 | 93.00 | 100.00 | | | N | |
| 264.0 | 267.0 | 93.00 | 100.00 | | | N | |
| 267.0 | 270.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC18-510

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 270.0 | 273.0 | 77.00 | 100.00 | | | N | |
| 273.0 | 276.0 | 98.00 | 100.00 | | | N | |
| 276.0 | 279.0 | 100.00 | 100.00 | | | N | |
| 279.0 | 282.0 | 90.00 | 100.00 | | | N | |

AGNICO EAGLE

# DRILL HOLE REPORT

## EXPLORATION CANADA ONTARIO

**Hole number:** KLUC18-511 **Project Number:** U_Canada **Project name:** Upper Canada

| | |
|---|---|
| **Historic hole number:** | |
| **System:** | METRIC |
| **Target:** | UC_UPPER_L_ZONE |
| **No. Claim:** | PAT-18797 |
| **Year:** | 2 018 |
| **Date started:** | 2018-09-20 |
| **Date logged:** | 2018-10-03 |
| **Date completed:** | 2018-09-24 |
| **Core size:** | NQ |
| **Hole type:** | EXP |
| **Casing:** | Left in Hole, capped |
| **Logging status:** | Signed |
| **Rig number:** | 0102 |

| | |
|---|---|
| **Collar survey:** | Y |
| **Verified:** | N |
| **Gas:** | N |
| **Multishot survey:** | Y |
| **Is making water:** | N |
| **Object in hole:** | N |
| **Pulse EM survey:** | N |
| **Plugged:** | N |
| **Cemented:** | N |
| **Branch:** | N |
| **Reserve:** | N |

| | |
|---|---|
| **From:** | 0.0 |
| **To:** | 552.0 |
| **Depth:** | 552.0 |
| **Location:** | Surface |
| **Core storage:** | Exploration Camp |
| **Contractor:** | Asinii Drilling |
| **Logged by:** | Melanie Bouchard |
| **Signature:** | Mélanie Bouchard |
| | M.Oosterman |

| | |
|---|---|
| **Coordinates:** | P |
| **Grid:** | UTM83-17_CSRS-2010: |
| **North:** | 5,332,801.89 |
| **East:** | 587,175.42 |
| **Elevation:** | 327.57 |
| **Collar dip:** | -57.31 |
| **Collar azimuth:** | 165.32 |

**Additionnal sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Propsed hole: UCP18-031 (MSO-7), Drill Rig: 102, Stabilization: 2 hex core barrel and 18" shell, Targeting: MSO blocks between L zone and H zone.

**Assay average**

| Average type | From | To | Length | Width | Zone | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Pb_ppm | Ni_ppm | As_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WEIGHTED | 28.0 | 60.5 | 32.5 | | | 0.100 | | | | | | |
| WEIGHTED | 296.5 | 297.5 | 1.0 | | | 1.640 | | | | | | |
| WEIGHTED | 337.5 | 339.0 | 1.5 | | | 1.395 | | | | | | |
| WEIGHTED | 400.0 | 401.5 | 1.5 | | | 2.110 | | | | | | |

**Survey data**

| Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 165.50 | -58.17 | NS | | North seeking aligner |
| 30.0 | 165.20 | -56.70 | MS | O | Reflex EasyShot Multi-Shot |
| 33.0 | 165.10 | -56.70 | MS | O | Reflex EasyShot Multi-Shot |
| 39.0 | 166.70 | -56.60 | MS | O | Reflex EasyShot Multi-Shot |
| 51.0 | 167.90 | -56.60 | MS | O | Reflex EasyShot Multi-Shot |
| 57.0 | 168.90 | -56.50 | MS | O | Reflex EasyShot Multi-Shot |
| 63.0 | 172.30 | -56.40 | EZ | | Mag.52895 |

| Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 164.32 | -57.31 | S | O | Surveyed collar |
| 33.0 | 173.10 | -56.60 | EZ | | Mag.53675 |
| 36.0 | 165.10 | -56.70 | MS | O | Reflex EasyShot Multi-Shot |
| 48.0 | 168.00 | -56.50 | MS | O | Reflex EasyShot Multi-Shot |
| 54.0 | 168.10 | -56.50 | MS | O | Reflex EasyShot Multi-Shot |
| 60.0 | 169.40 | -56.50 | MS | O | Reflex EasyShot Multi-Shot |
| 63.0 | 169.50 | -56.50 | MS | O | Reflex EasyShot Multi-Shot |

**Hole number: KLUC18-511**

**Survey data**

| Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 66.0 | 170.30 | -56.50 | MS | O | Reflex EasyShot Multi-Shot |
| 75.0 | 166.70 | -56.50 | MS | O | Reflex EasyShot Multi-Shot |
| 81.0 | 159.40 | -56.50 | MS | O | Reflex EasyShot Multi-Shot |
| 87.0 | 155.20 | -56.50 | MS | O | Reflex EasyShot Multi-Shot |
| 93.0 | 162.50 | -56.40 | EZ | | Mag.53335 |
| 96.0 | 156.50 | -56.40 | MS | O | Reflex EasyShot Multi-Shot |
| 102.0 | 158.10 | -56.30 | MS | O | Reflex EasyShot Multi-Shot |
| 111.0 | 161.20 | -56.30 | MS | O | Reflex EasyShot Multi-Shot |
| 123.0 | 160.60 | -56.20 | MS | O | Reflex EasyShot Multi-Shot |
| 132.0 | 161.30 | -56.10 | MS | O | Reflex EasyShot Multi-Shot |
| 138.0 | 161.40 | -56.10 | MS | O | Reflex EasyShot Multi-Shot |
| 144.0 | 161.90 | -56.10 | MS | O | Reflex EasyShot Multi-Shot |
| 150.0 | 161.80 | -56.00 | MS | O | Reflex EasyShot Multi-Shot |
| 156.0 | 162.50 | -56.00 | MS | O | Reflex EasyShot Multi-Shot |
| 162.0 | 161.10 | -55.90 | MS | O | Reflex EasyShot Multi-Shot |
| 168.0 | 162.00 | -55.90 | MS | O | Reflex EasyShot Multi-Shot |
| 174.0 | 160.80 | -55.80 | MS | O | Reflex EasyShot Multi-Shot |
| 180.0 | 163.30 | -55.80 | MS | O | Reflex EasyShot Multi-Shot |
| 186.0 | 162.80 | -55.70 | MS | O | Reflex EasyShot Multi-Shot |
| 195.0 | 162.40 | -55.80 | MS | O | Reflex EasyShot Multi-Shot |
| 201.0 | 163.00 | -55.70 | MS | O | Reflex EasyShot Multi-Shot |
| 207.0 | 163.80 | -55.70 | MS | O | Reflex EasyShot Multi-Shot |
| 213.0 | 168.90 | -55.50 | EZ | | Mag.55270 |
| 216.0 | 163.80 | -55.60 | MS | O | Reflex EasyShot Multi-Shot |
| 222.0 | 162.30 | -55.50 | MS | O | Reflex EasyShot Multi-Shot |
| 228.0 | 164.50 | -55.50 | MS | O | Reflex EasyShot Multi-Shot |
| 234.0 | 163.40 | -55.50 | MS | O | Reflex EasyShot Multi-Shot |
| 240.0 | 164.50 | -55.40 | MS | O | Reflex EasyShot Multi-Shot |
| 243.0 | 162.20 | -55.40 | MS | O | Reflex EasyShot Multi-Shot |
| 249.0 | 164.00 | -55.40 | MS | O | Reflex EasyShot Multi-Shot |
| 255.0 | 164.20 | -55.30 | MS | O | Reflex EasyShot Multi-Shot |
| 261.0 | 163.10 | -55.30 | MS | O | Reflex EasyShot Multi-Shot |
| 69.0 | 168.90 | -56.50 | MS | O | Reflex EasyShot Multi-Shot |
| 78.0 | 162.80 | -56.50 | MS | O | Reflex EasyShot Multi-Shot |
| 84.0 | 157.90 | -56.40 | MS | O | Reflex EasyShot Multi-Shot |
| 90.0 | 153.30 | -56.50 | MS | O | Reflex EasyShot Multi-Shot |
| 93.0 | 156.50 | -56.40 | MS | O | Reflex EasyShot Multi-Shot |
| 99.0 | 156.60 | -56.50 | MS | O | Reflex EasyShot Multi-Shot |
| 108.0 | 160.10 | -56.30 | MS | O | Reflex EasyShot Multi-Shot |
| 123.0 | 166.40 | -56.10 | EZ | | Mag.53942 |
| 126.0 | 161.30 | -56.20 | MS | O | Reflex EasyShot Multi-Shot |
| 135.0 | 161.10 | -56.10 | MS | O | Reflex EasyShot Multi-Shot |
| 141.0 | 161.50 | -56.10 | MS | O | Reflex EasyShot Multi-Shot |
| 147.0 | 161.60 | -56.20 | MS | O | Reflex EasyShot Multi-Shot |
| 153.0 | 167.20 | -55.90 | EZ | | Mag.55063 |
| 159.0 | 162.50 | -55.90 | MS | O | Reflex EasyShot Multi-Shot |
| 165.0 | 161.30 | -55.90 | MS | O | Reflex EasyShot Multi-Shot |
| 171.0 | 161.30 | -55.90 | MS | O | Reflex EasyShot Multi-Shot |
| 177.0 | 162.00 | -55.80 | MS | O | Reflex EasyShot Multi-Shot |
| 183.0 | 167.40 | -55.70 | EZ | | Mag.55833 |
| 192.0 | 163.50 | -55.80 | MS | O | Reflex EasyShot Multi-Shot |
| 198.0 | 163.10 | -55.70 | MS | O | Reflex EasyShot Multi-Shot |
| 204.0 | 164.00 | -55.70 | MS | O | Reflex EasyShot Multi-Shot |
| 210.0 | 163.20 | -55.60 | MS | O | Reflex EasyShot Multi-Shot |
| 213.0 | 164.80 | -55.60 | MS | O | Reflex EasyShot Multi-Shot |
| 219.0 | 163.50 | -55.60 | MS | O | Reflex EasyShot Multi-Shot |
| 225.0 | 164.50 | -55.40 | MS | O | Reflex EasyShot Multi-Shot |
| 231.0 | 164.20 | -55.50 | MS | O | Reflex EasyShot Multi-Shot |
| 237.0 | 163.90 | -55.40 | MS | O | Reflex EasyShot Multi-Shot |
| 243.0 | 169.40 | -55.40 | EZ | | Mag.54595 |
| 246.0 | 165.70 | -55.40 | MS | O | Reflex EasyShot Multi-Shot |
| 252.0 | 163.40 | -55.30 | MS | O | Reflex EasyShot Multi-Shot |
| 258.0 | 163.30 | -55.30 | MS | O | Reflex EasyShot Multi-Shot |
| 264.0 | 163.10 | -55.30 | MS | O | Reflex EasyShot Multi-Shot |

**Hole number:** KLUC18-511

**Survey data**

| Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 267.0 | 163.90 | -55.20 | MS | O | Reflex EasyShot Multi-Shot |
| 273.0 | 169.30 | -55.20 | EZ | | Mag.55510 |
| 276.0 | 163.70 | -55.20 | MS | O | Reflex EasyShot Multi-Shot |
| 282.0 | 163.00 | -55.10 | MS | O | Reflex EasyShot Multi-Shot |
| 288.0 | 164.20 | -55.10 | MS | O | Reflex EasyShot Multi-Shot |
| 294.0 | 162.00 | -55.10 | MS | O | Reflex EasyShot Multi-Shot |
| 300.0 | 163.30 | -55.00 | MS | O | Reflex EasyShot Multi-Shot |
| 303.0 | 161.30 | -55.00 | MS | O | Reflex EasyShot Multi-Shot |
| 309.0 | 162.50 | -54.90 | MS | O | Reflex EasyShot Multi-Shot |
| 315.0 | 164.20 | -54.90 | MS | O | Reflex EasyShot Multi-Shot |
| 321.0 | 164.30 | -54.80 | MS | O | Reflex EasyShot Multi-Shot |
| 327.0 | 163.30 | -54.60 | MS | O | Reflex EasyShot Multi-Shot |
| 333.0 | 168.50 | -54.10 | EZ | | Mag.55453 |
| 336.0 | 163.10 | -54.50 | MS | O | Reflex EasyShot Multi-Shot |
| 342.0 | 164.10 | -54.40 | MS | O | Reflex EasyShot Multi-Shot |
| 348.0 | 164.20 | -54.30 | MS | O | Reflex EasyShot Multi-Shot |
| 354.0 | 166.40 | -54.10 | MS | O | Reflex EasyShot Multi-Shot |
| 360.0 | 162.10 | -54.00 | MS | O | Reflex EasyShot Multi-Shot |
| 363.0 | 162.50 | -53.90 | MS | O | Reflex EasyShot Multi-Shot |
| 369.0 | 162.30 | -53.80 | MS | O | Reflex EasyShot Multi-Shot |
| 375.0 | 162.00 | -53.60 | MS | O | Reflex EasyShot Multi-Shot |
| 381.0 | 161.40 | -53.40 | MS | O | Reflex EasyShot Multi-Shot |
| 387.0 | 161.90 | -53.30 | MS | O | Reflex EasyShot Multi-Shot |
| 393.0 | 169.50 | -52.90 | EZ | | Mag.53842 |
| 396.0 | 164.70 | -53.00 | MS | O | Reflex EasyShot Multi-Shot |
| 402.0 | 162.40 | -52.90 | MS | O | Reflex EasyShot Multi-Shot |
| 408.0 | 162.30 | -52.90 | MS | O | Reflex EasyShot Multi-Shot |
| 414.0 | 160.70 | -52.80 | MS | O | Reflex EasyShot Multi-Shot |
| 420.0 | 162.80 | -52.80 | MS | O | Reflex EasyShot Multi-Shot |
| 423.0 | 160.80 | -52.70 | MS | O | Reflex EasyShot Multi-Shot |
| 429.0 | 160.40 | -52.60 | MS | O | Reflex EasyShot Multi-Shot |
| 435.0 | 161.50 | -52.60 | MS | O | Reflex EasyShot Multi-Shot |
| 270.0 | 162.70 | -55.20 | MS | O | Reflex EasyShot Multi-Shot |
| 273.0 | 163.20 | -55.20 | MS | O | Reflex EasyShot Multi-Shot |
| 279.0 | 164.10 | -55.20 | MS | O | Reflex EasyShot Multi-Shot |
| 285.0 | 162.30 | -55.10 | MS | O | Reflex EasyShot Multi-Shot |
| 291.0 | 164.00 | -55.10 | MS | O | Reflex EasyShot Multi-Shot |
| 297.0 | 163.20 | -55.00 | MS | O | Reflex EasyShot Multi-Shot |
| 303.0 | 168.30 | -55.00 | EZ | | Mag.54129 |
| 306.0 | 163.30 | -54.90 | MS | O | Reflex EasyShot Multi-Shot |
| 312.0 | 163.20 | -54.90 | MS | O | Reflex EasyShot Multi-Shot |
| 318.0 | 163.70 | -54.90 | MS | O | Reflex EasyShot Multi-Shot |
| 324.0 | 163.10 | -54.70 | MS | O | Reflex EasyShot Multi-Shot |
| 330.0 | 160.70 | -54.60 | MS | O | Reflex EasyShot Multi-Shot |
| 333.0 | 162.80 | -54.60 | MS | O | Reflex EasyShot Multi-Shot |
| 339.0 | 163.70 | -54.40 | MS | O | Reflex EasyShot Multi-Shot |
| 345.0 | 162.30 | -54.40 | MS | O | Reflex EasyShot Multi-Shot |
| 351.0 | 163.60 | -54.20 | MS | O | Reflex EasyShot Multi-Shot |
| 357.0 | 163.90 | -54.00 | MS | O | Reflex EasyShot Multi-Shot |
| 363.0 | 168.00 | -53.30 | EZ | | Mag.54493 |
| 366.0 | 162.90 | -53.80 | MS | O | Reflex EasyShot Multi-Shot |
| 372.0 | 161.10 | -53.60 | MS | O | Reflex EasyShot Multi-Shot |
| 378.0 | 163.20 | -53.50 | MS | O | Reflex EasyShot Multi-Shot |
| 384.0 | 158.80 | -53.30 | MS | O | Reflex EasyShot Multi-Shot |
| 390.0 | 160.80 | -53.20 | MS | O | Reflex EasyShot Multi-Shot |
| 393.0 | 159.90 | -53.10 | MS | O | Reflex EasyShot Multi-Shot |
| 399.0 | 159.80 | -53.00 | MS | O | Reflex EasyShot Multi-Shot |
| 405.0 | 163.30 | -52.90 | MS | O | Reflex EasyShot Multi-Shot |
| 411.0 | 161.30 | -52.80 | MS | O | Reflex EasyShot Multi-Shot |
| 417.0 | 160.80 | -52.70 | MS | O | Reflex EasyShot Multi-Shot |
| 423.0 | 167.10 | -52.70 | EZ | | Mag.55210 |
| 426.0 | 162.30 | -52.60 | MS | O | Reflex EasyShot Multi-Shot |
| 432.0 | 161.40 | -52.60 | MS | O | Reflex EasyShot Multi-Shot |
| 438.0 | 161.30 | -52.50 | MS | O | Reflex EasyShot Multi-Shot |

## Hole number: KLUC18-511

**Survey data**

| Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 441.0 | 161.40 | -52.50 | MS | O | Reflex EasyShot Multi-Shot |
| 447.0 | 160.70 | -52.50 | MS | O | Reflex EasyShot Multi-Shot |
| 453.0 | 167.20 | -52.40 | EZ | | Mag.54034 |
| 456.0 | 162.40 | -52.30 | MS | O | Reflex EasyShot Multi-Shot |
| 462.0 | 160.20 | -52.30 | MS | O | Reflex EasyShot Multi-Shot |
| 468.0 | 161.10 | -52.20 | MS | O | Reflex EasyShot Multi-Shot |
| 474.0 | 163.00 | -52.10 | MS | O | Reflex EasyShot Multi-Shot |
| 480.0 | 160.80 | -52.00 | MS | O | Reflex EasyShot Multi-Shot |
| 483.0 | 159.70 | -52.00 | MS | O | Reflex EasyShot Multi-Shot |
| 489.0 | 159.50 | -51.90 | MS | O | Reflex EasyShot Multi-Shot |
| 495.0 | 162.50 | -51.70 | MS | O | Reflex EasyShot Multi-Shot |
| 501.0 | 161.70 | -51.60 | MS | O | Reflex EasyShot Multi-Shot |
| 507.0 | 161.80 | -51.50 | MS | O | Reflex EasyShot Multi-Shot |
| 513.0 | 168.70 | -51.30 | EZ | | Mag.54157 |
| 516.0 | 162.90 | -51.30 | MS | O | Reflex EasyShot Multi-Shot |
| 522.0 | 162.10 | -51.20 | MS | O | Reflex EasyShot Multi-Shot |
| 528.0 | 163.60 | -51.00 | MS | O | Reflex EasyShot Multi-Shot |
| 534.0 | 161.10 | -50.90 | MS | O | Reflex EasyShot Multi-Shot |
| 540.0 | 160.80 | -50.90 | MS | O | Reflex EasyShot Multi-Shot |
| 543.0 | 160.90 | -50.80 | MS | O | Reflex EasyShot Multi-Shot |
| 549.0 | 163.60 | -50.80 | MS | O | Reflex EasyShot Multi-Shot |
| 444.0 | 161.60 | -52.50 | MS | O | Reflex EasyShot Multi-Shot |
| 450.0 | 161.70 | -52.40 | MS | O | Reflex EasyShot Multi-Shot |
| 453.0 | 161.70 | -52.40 | MS | O | Reflex EasyShot Multi-Shot |
| 459.0 | 160.60 | -52.30 | MS | O | Reflex EasyShot Multi-Shot |
| 465.0 | 161.30 | -52.20 | MS | O | Reflex EasyShot Multi-Shot |
| 471.0 | 163.30 | -52.20 | MS | O | Reflex EasyShot Multi-Shot |
| 477.0 | 163.00 | -52.10 | MS | O | Reflex EasyShot Multi-Shot |
| 483.0 | 166.70 | -51.90 | EZ | | Mag.54216 |
| 486.0 | 160.70 | -51.90 | MS | O | Reflex EasyShot Multi-Shot |
| 492.0 | 161.70 | -51.80 | MS | O | Reflex EasyShot Multi-Shot |
| 498.0 | 161.30 | -51.70 | MS | O | Reflex EasyShot Multi-Shot |
| 504.0 | 161.90 | -51.60 | MS | O | Reflex EasyShot Multi-Shot |
| 510.0 | 162.30 | -51.50 | MS | O | Reflex EasyShot Multi-Shot |
| 513.0 | 162.50 | -51.40 | MS | O | Reflex EasyShot Multi-Shot |
| 519.0 | 161.40 | -51.20 | MS | O | Reflex EasyShot Multi-Shot |
| 525.0 | 163.30 | -51.10 | MS | O | Reflex EasyShot Multi-Shot |
| 531.0 | 163.00 | -51.00 | MS | O | Reflex EasyShot Multi-Shot |
| 537.0 | 161.40 | -50.90 | MS | O | Reflex EasyShot Multi-Shot |
| 543.0 | 168.90 | -50.70 | EZ | | Mag.54105 |
| 546.0 | 164.50 | -50.80 | MS | O | Reflex EasyShot Multi-Shot |
| 552.0 | 163.70 | -50.70 | MS | O | Reflex EasyShot Multi-Shot |

| Certificate |
|---|
| TM18253779 |
| TM18259596 |
| TM18261951 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505D18-010 | Excaon1 | CAOND113082 - CAOND113312<br>CAOND113422 - CAOND113430<br>CAOND114564 - CAOND114743<br>CAOND115196 - CAOND115291<br>KLUC18-506_001 |
| CXE5505D18-011 | Excaon1 | CAOND113313 - CAOND113421<br>CAOND113431 - CAOND113500<br>CAOND114001 - CAOND114088<br>CAOND114744 - CAOND114943 |
| CXE5505D18-012 | Excaon1 | CAOND114089 - CAOND114170<br>CAOND114944 - CAOND115000 |

| Sample number | Standard |
|---|---|
| CAOND114570 | BLANK-DB |
| CAOND114575 | CDN-GS-5U-AEM |
| CAOND114590 | CDN-CM-28-AEM |
| CAOND114615 | CDN-CM-24-AEM |
| CAOND114620 | BLANK-DB |
| CAOND114630 | CDN-GS-5U-AEM |
| CAOND114645 | CDN-CM-28-AEM |
| CAOND114660 | CDN-CM-24-AEM |
| CAOND114670 | BLANK-DB |

**Hole number:** KLUC18-511

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND115292 - CAOND115420 |
| CXE5505D19-050 | Excaon1 | CAOND113049 |
| | | CAOND113091 |
| | | CAOND113123 |
| | | CAOND113154 |
| | | CAOND113162 |
| | | CAOND113177 |
| | | CAOND113224 |
| | | CAOND113243 |
| | | CAOND113262 |
| | | CAOND113282 |
| | | CAOND113289 |
| | | CAOND113308 |
| | | CAOND113327 |
| | | CAOND113357 |
| | | CAOND113393 |
| | | CAOND113410 |
| | | CAOND113426 |
| | | CAOND113444 - CAOND113445 |
| | | CAOND113461 |
| | | CAOND113488 |
| | | CAOND113498 |
| | | CAOND113505 |
| | | CAOND113512 |
| | | CAOND113528 |
| | | CAOND113540 |
| | | CAOND113557 |
| | | CAOND113572 |
| | | CAOND113605 - CAOND113606 |
| | | CAOND113641 |
| | | CAOND113796 |
| | | CAOND113816 |
| | | CAOND113821 |
| | | CAOND113828 |
| | | CAOND113831 |
| | | CAOND113836 |
| | | CAOND113855 |
| | | CAOND113894 |
| | | CAOND113942 |
| | | CAOND113964 |
| | | CAOND113974 |
| | | CAOND113978 |
| | | CAOND114017 |

| Sample number | Standard |
|---|---|
| CAOND114675 | CDN-GS-5U-AEM |
| CAOND114690 | CDN-CM-28-AEM |
| CAOND114715 | CDN-CM-24-AEM |
| CAOND114720 | BLANK-DB |
| CAOND114730 | CDN-GS-5U-AEM |
| CAOND114745 | CDN-CM-28-AEM |
| CAOND114760 | CDN-CM-24-AEM |
| CAOND114770 | BLANK-DB |
| CAOND114775 | CDN-GS-5U-AEM |
| CAOND114790 | CDN-CM-28-AEM |
| CAOND114815 | CDN-CM-24-AEM |
| CAOND114820 | BLANK-DB |
| CAOND114830 | CDN-GS-5U-AEM |
| CAOND114845 | CDN-CM-28-AEM |
| CAOND114860 | CDN-CM-24-AEM |
| CAOND114870 | BLANK-DB |
| CAOND114875 | CDN-GS-5U-AEM |
| CAOND114890 | CDN-CM-28-AEM |
| CAOND114915 | CDN-CM-24-AEM |
| CAOND114920 | BLANK-DB |
| CAOND114930 | CDN-GS-5U-AEM |
| CAOND114945 | CDN-CM-28-AEM |
| CAOND114960 | CDN-CM-24-AEM |
| CAOND114970 | BLANK-DB |
| CAOND114975 | CDN-GS-5U-AEM |
| CAOND114990 | CDN-CM-28-AEM |

**Hole number:** KLUC18-511

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND114032 |
| | | CAOND114049 |
| | | CAOND114077 |
| | | CAOND114145 |
| | | CAOND114152 |
| | | CAOND114154 |
| | | CAOND114517 |
| | | CAOND114524 |
| | | CAOND114534 |
| | | CAOND114553 |
| | | CAOND114589 |
| | | CAOND114606 |
| | | CAOND114608 |
| | | CAOND114635 |
| | | CAOND114658 - CAOND114659 |
| | | CAOND114683 |
| | | CAOND114701 |
| | | CAOND114708 |
| | | CAOND114719 - CAOND114720 |
| | | CAOND114740 |
| | | CAOND114753 |
| | | CAOND114774 |
| | | CAOND114803 |
| | | CAOND114823 |
| | | CAOND114852 |
| | | CAOND114855 |
| | | CAOND114859 |
| | | CAOND114896 |
| | | CAOND114908 |
| | | CAOND114911 |
| | | CAOND114914 |
| | | CAOND114926 |
| | | CAOND115001 |
| | | CAOND115013 |
| | | CAOND115019 |
| | | CAOND115040 |
| | | CAOND115062 |
| | | CAOND115072 - CAOND115073 |
| | | CAOND115077 |
| | | CAOND115212 |
| | | CAOND115272 - CAOND115273 |
| | | CAOND115316 |
| | | CAOND115322 |

**Hole number:** KLUC18-511

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND115370 - CAOND115371 |
| | | CAOND115411 |
| | | CAOND115418 |
| | | CAOND115442 |
| | | CAOND115472 |
| | | CAOND115497 |
| | | CAOND115509 - CAOND115510 |
| | | CAOND115512 |
| | | CAOND115531 |
| | | CAOND115542 |
| | | CAOND115546 |
| | | CAOND115562 |
| | | CAOND115591 |
| | | CAOND115595 - CAOND115596 |
| | | CAOND115607 - CAOND115609 |
| | | CAOND115611 |
| | | CAOND115620 |
| | | CAOND115640 |
| | | CAOND115655 |
| | | CAOND115659 |
| | | CAOND115718 |
| | | CAOND115732 - CAOND115733 |
| | | CAOND115740 |
| | | CAOND115748 |
| | | CAOND115769 |
| | | CAOND115778 |
| | | CAOND115785 |
| | | CAOND115812 |
| | | CAOND115827 |
| | | CAOND115905 |
| | | CAOND115911 |

*The sample list may content samples from other holes

**Major:** **From:** 0.00 **To:** 23.70 OVB, Overburden

Overburden / casing. 20cm thick felsic boulder

**Major:** **From:** 23.70 **To:** 53.30 V8, Trachyte

Composition: Dominantly dark green to dark grey with local patches of medium greenish grey, find grained locally grundgy appearance; V8 -Trachyte Magnetism: Moderately magnetic Veinning: 2-3% mm scale white calcite veinlets Structure: Local weak foliation oriented at 40-50 TCA Alteration: Moderate spotted calcite alteration Mineralization: Trace very fine grained, disseminated Py mineralization throughout with locally 5-8% Py Lower Contact: Gradational, contact is placed where textures change and colouring becomes more dominantly pink. 49-53.3m; gradual change in texture

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114564 | 23.7 | 25.0 | 1.3 | 0.011 | | | | |
| CAOND114565 | 25.0 | 26.5 | 1.5 | 0.029 | | | | |
| CAOND114566 | 26.5 | 28.0 | 1.5 | 0.036 | | | | |
| CAOND114567 | 28.0 | 29.5 | 1.5 | 0.014 | | | | |

**Hole number:** KLUC18-511

and introduction of medium to dark pinkish patches over 10-50cm thick intervals

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

36.00 - 42.00: PYR, DIS, 5.00, -, VFG, 5-8% very fine grained disseminated Py mineralization

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

32.00 - 43.00: FOL, 40.00, WEAK, Weak foliation oriented at 40-50 TCA

43.00 - 53.30: FOL, 40.00, MOD, Moderate foliation oriented at 40-50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114568 | 29.5 | 31.0 | 1.5 | 0.017 | | | | |
| CAOND114569 | 31.0 | 32.5 | 1.5 | 0.024 | | | | |
| CAOND114571 | 32.5 | 34.0 | 1.5 | 0.010 | | | | |
| CAOND114572 | 34.0 | 35.5 | 1.5 | 0.008 | | | | |
| CAOND114573 | 35.5 | 37.0 | 1.5 | 0.148 | | | | |
| CAOND114574 | 37.0 | 38.5 | 1.5 | 0.226 | | | | |
| CAOND114576 | 38.5 | 40.0 | 1.5 | 0.031 | | | | |
| CAOND114577 | 40.0 | 41.5 | 1.5 | 0.032 | | | | |
| CAOND114578 | 41.5 | 43.0 | 1.5 | 0.025 | | | | |
| CAOND114579 | 43.0 | 44.5 | 1.5 | 0.035 | | | | |
| CAOND114581 | 44.5 | 46.0 | 1.5 | 0.013 | | | | |
| CAOND114582 | 46.0 | 47.5 | 1.5 | 0.025 | | | | |
| CAOND114583 | 47.5 | 49.0 | 1.5 | 0.031 | | | | |
| CAOND114584 | 49.0 | 50.5 | 1.5 | 0.080 | | | | |
| CAOND114585 | 50.5 | 52.0 | 1.5 | 0.014 | | | | |
| CAOND114586 | 52.0 | 53.3 | 1.3 | 0.021 | | | | |

**Major:** **From:** 53.30 **To:** 70.60 I2Dm, Mafic Syenite

Composition: Medium pinkish brown with patches of dark green and medium brownish, gundgy appearance, patchy and chaotic; I2Dm - Mafic Syenite Magnetism: Moderate to strongly magnetic Veinning: 1-2% irregular, mm scale, pink calcite veinlets Structure: Moderate chaotic deformation with abundant healed microfractures Alteration: Moderate to strong calcite alteration, fracture controlled moderate chlorite alteration Mineralization: Trace to 1% very fine grained disseminated Py mineralization Lower Contact: Sharp; oriented at 35 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114587 | 53.3 | 54.5 | 1.2 | 0.144 | | | | |
| CAOND114588 | 54.5 | 56.0 | 1.5 | 0.434 | | | | |
| CAOND114589 | 56.0 | 57.5 | 1.5 | 0.023 | | | | |
| CAOND114591 | 57.5 | 59.0 | 1.5 | 0.028 | | | | |
| CAOND114592 | 59.0 | 60.5 | 1.5 | 0.814 | | | | |
| CAOND114593 | 60.5 | 62.0 | 1.5 | 0.066 | | | | |
| CAOND114594 | 62.0 | 63.5 | 1.5 | 0.099 | | | | |
| CAOND114595 | 63.5 | 65.0 | 1.5 | 0.055 | | | | |
| CAOND114596 | 65.0 | 66.5 | 1.5 | 0.172 | | | | |
| CAOND114597 | 66.5 | 68.0 | 1.5 | 0.548 | | | | |
| CAOND114598 | 68.0 | 69.5 | 1.5 | 0.048 | | | | |
| CAOND114599 | 69.5 | 70.6 | 1.1 | 0.046 | | | | |

**Major:** **From:** 70.60 **To:** 72.00 DZ, Deformation Zone

Strongly deformed and sheared interval of mafic syenite? Strong preferential alignment oriented at 30-40 TCA. Melange of pink, beige and dark grey colouring. Complete loss of primary textures, brecciation and grain size reduction. Weak fracturing at no preferred orientation into 3-5cm thick

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114601 | 70.6 | 72.0 | 1.4 | 0.119 | | | | |

**Hole number:** KLUC18-511

pieces. 1% fine grained disseminated Py mineralization. Contacts are sharp and oriented at 35 TCA

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

70.60 - 72.00: DFZ, 30.00, STRONG, Strong deformation, shearing and preferential alignment at 30-40 TCA

**Major:** **From:** 72.00 **To:** 138.30 I2Dm, Mafic Syenite

Composition: Medium to dark pinkish and pinkish purple with patches of dark green and grey, gundgy appearance, patchy and chaotic, locally brecciated; I2Dm - Mafic Syenite Magnetism: Moderate to strongly magnetic Veinning: 1-2% irregular, mm scale, pink calcite veinlets Structure: Moderate to locally strong chaotic deformation with abundant healed microfractures Alteration: Moderate to strong calcite alteration, fracture controlled moderate chlorite alteration Mineralization: Trace to 1% very fine grained disseminated Py mineralization Lower Contact: Sharp; oriented at 30 TCA

**MINOR INTERVAL**

105.50 - 106.80: I3Composition: Dark green, fine grained, equigranular; I3 - Mafic intrusion Magnetism: Moderate magnetism associated with disseminated magnetic Veinning: 5% whispy and choatic white calcite veinning Structure: Moderate foliation oriented at 40-50 TCA Alteration: Moderate pervasive chlorite alteration and moderate spotted calcite Mineralization: 3% fine grained disseminated magnetite Contacts: Sharp; oriented at 45 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114602 | 72.0 | 73.5 | 1.5 | 0.123 | | | | |
| CAOND114603 | 73.5 | 75.0 | 1.5 | 0.358 | | | | |
| CAOND114604 | 75.0 | 76.5 | 1.5 | 0.066 | | | | |
| CAOND114605 | 76.5 | 78.0 | 1.5 | 0.023 | | | | |
| CAOND114606 | 78.0 | 79.5 | 1.5 | 0.088 | | | | |
| CAOND114607 | 79.5 | 81.0 | 1.5 | 0.027 | | | | |
| CAOND114608 | 81.0 | 82.5 | 1.5 | 0.096 | | | | |
| CAOND114609 | 82.5 | 84.0 | 1.5 | 0.043 | | | | |
| CAOND114610 | 84.0 | 85.5 | 1.5 | 0.053 | | | | |
| CAOND114611 | 85.5 | 87.0 | 1.5 | 0.057 | | | | |
| CAOND114612 | 87.0 | 88.5 | 1.5 | 0.175 | | | | |
| CAOND114613 | 88.5 | 90.0 | 1.5 | 0.058 | | | | |
| CAOND114614 | 90.0 | 91.5 | 1.5 | 0.332 | | | | |
| CAOND114616 | 91.5 | 93.0 | 1.5 | 0.069 | | | | |
| CAOND114617 | 93.0 | 94.5 | 1.5 | 0.026 | | | | |
| CAOND114618 | 94.5 | 96.0 | 1.5 | 0.061 | | | | |
| CAOND114619 | 96.0 | 97.5 | 1.5 | 0.027 | | | | |
| CAOND114621 | 97.5 | 99.0 | 1.5 | 0.317 | | | | |
| CAOND114622 | 99.0 | 100.5 | 1.5 | 0.033 | | | | |
| CAOND114623 | 100.5 | 102.0 | 1.5 | 0.134 | | | | |
| CAOND114624 | 102.0 | 103.5 | 1.5 | 0.020 | | | | |
| CAOND114626 | 103.5 | 104.5 | 1.0 | 0.074 | | | | |
| CAOND114627 | 104.5 | 105.5 | 1.0 | 0.068 | | | | |
| CAOND114628 | 105.5 | 106.8 | 1.3 | 0.003 | | | | |
| CAOND114629 | 106.8 | 108.0 | 1.2 | 0.013 | | | | |
| CAOND114631 | 108.0 | 109.0 | 1.0 | 0.021 | | | | |
| CAOND114632 | 109.0 | 110.5 | 1.5 | 0.031 | | | | |
| CAOND114633 | 110.5 | 112.0 | 1.5 | 0.112 | | | | |

**Hole number:** KLUC18-511

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114634 | 112.0 | 113.5 | 1.5 | 0.035 | | | | |
| CAOND114635 | 113.5 | 115.0 | 1.5 | 0.055 | | | | |
| CAOND114636 | 115.0 | 116.5 | 1.5 | 0.041 | | | | |
| CAOND114637 | 116.5 | 118.0 | 1.5 | 0.084 | | | | |
| CAOND114638 | 118.0 | 119.5 | 1.5 | 0.032 | | | | |
| CAOND114639 | 119.5 | 121.0 | 1.5 | 0.022 | | | | |
| CAOND114640 | 121.0 | 122.5 | 1.5 | 0.019 | | | | |
| CAOND114641 | 122.5 | 124.0 | 1.5 | 0.080 | | | | |
| CAOND114642 | 124.0 | 125.5 | 1.5 | 0.084 | | | | |
| CAOND114643 | 125.5 | 127.0 | 1.5 | 0.025 | | | | |
| CAOND114644 | 127.0 | 128.5 | 1.5 | 0.041 | | | | |
| CAOND114646 | 128.5 | 130.0 | 1.5 | 0.023 | | | | |
| CAOND114647 | 130.0 | 131.5 | 1.5 | 0.021 | | | | |
| CAOND114648 | 131.5 | 133.0 | 1.5 | 0.038 | | | | |
| CAOND114649 | 133.0 | 134.5 | 1.5 | 0.022 | | | | |
| CAOND114651 | 134.5 | 136.0 | 1.5 | 0.016 | | | | |
| CAOND114652 | 136.0 | 137.0 | 1.0 | 0.022 | | | | |
| CAOND114653 | 137.0 | 138.3 | 1.3 | 0.065 | | | | |

**Major:** **From:** 138.30 **To:** 140.90 I2Dp, Porphyritic Syenite

Composition: Medium to dark purplish red, fine grained matrix with 2-3% mm scale subrounded medium greenish grey phenocrysts; I2Dp - Syenite porphyry Magnetism: Strongly magnetic Veinning: No sgnificant veinning Structure: Moderate brittle deformation and healed microfractures Alteration: Moderate chlorite and calcite occuring as stringers and fracture controlled Mineralization: 2-3% very fine grained PY mineralization disseminated throughout Lower Contact: Sharp; oriented at 40 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114654 | 138.3 | 139.5 | 1.2 | 0.031 | | | | |
| CAOND114655 | 139.5 | 140.9 | 1.4 | 0.098 | | | | |

**Major:** **From:** 140.90 **To:** 174.00 I2D, Syénite

Composition: Medium to dark pinkish and pinkish purple with patches of dark green and grey, gundgy appearance, patchy and chaotic, locally brecciated; I2Dm - Mafic Syenite Magnetism: Moderate to strongly magnetic Veinning: 1-2% irregular, mm scale, pink calcite veinlets, 1x 10cm thick qtz-cal-chl vein Structure: Moderate to strong chaotic deformation with abundant healed microfractures, minor intervals with moderate preferential alignment at 40-50 TCA Alteration: Moderate to strong calcite alteration, fracture controlled moderate chlorite alteration Mineralization: Trace to 1% very fine grained disseminated Py mineralization Lower Contact: Gradational

**VEIN**

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS

149.10 - 149.30: QtzCalChl, 20.00, -, -, -, -, -, -, 1x 8cm thick qtz-cal-chl vein with sharp contacts at 45 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114656 | 140.9 | 142.0 | 1.1 | 0.088 | | | | |
| CAOND114657 | 142.0 | 143.5 | 1.5 | 0.041 | | | | |
| CAOND114658 | 143.5 | 145.0 | 1.5 | 0.020 | | | | |
| CAOND114659 | 145.0 | 146.5 | 1.5 | 0.014 | | | | |
| CAOND114661 | 146.5 | 148.0 | 1.5 | 0.013 | | | | |
| CAOND114662 | 148.0 | 149.5 | 1.5 | 0.007 | | | | |
| CAOND114663 | 149.5 | 151.0 | 1.5 | 0.018 | | | | |
| CAOND114664 | 151.0 | 152.5 | 1.5 | 0.010 | | | | |

**Hole number:** KLUC18-511

166.50 - 167.10: QtzCalChl, 20.00, -, -, -, -, PYR, 1.00, 20% white to pale pink qtz-calc-chl, vuggy veinning with 1% disseminated Py mineralization

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114665 | 152.5 | 154.0 | 1.5 | 0.019 | | | | |
| CAOND114666 | 154.0 | 155.5 | 1.5 | 0.039 | | | | |
| CAOND114667 | 155.5 | 157.0 | 1.5 | 0.029 | | | | |
| CAOND114668 | 157.0 | 158.5 | 1.5 | 0.014 | | | | |
| CAOND114669 | 158.5 | 159.5 | 1.0 | 0.027 | | | | |
| CAOND114671 | 159.5 | 161.0 | 1.5 | 0.023 | | | | |
| CAOND114672 | 161.0 | 162.5 | 1.5 | 0.027 | | | | |
| CAOND114673 | 162.5 | 164.0 | 1.5 | 0.033 | | | | |
| CAOND114674 | 164.0 | 165.5 | 1.5 | 0.014 | | | | |
| CAOND114676 | 165.5 | 166.5 | 1.0 | 0.011 | | | | |
| CAOND114677 | 166.5 | 167.5 | 1.0 | 0.006 | | | | |
| CAOND114678 | 167.5 | 169.0 | 1.5 | 0.013 | | | | |
| CAOND114679 | 169.0 | 170.0 | 1.0 | 0.013 | | | | |
| CAOND114681 | 170.0 | 171.0 | 1.0 | 0.024 | | | | |
| CAOND114682 | 171.0 | 172.5 | 1.5 | 0.012 | | | | |
| CAOND114683 | 172.5 | 174.0 | 1.5 | 0.013 | | | | |

**Major:** **From:** 174.00 **To:** 178.90 I2D, Syénite

Composition: Dark red and dark purplish red, fine grained, massive; I2D - Syenite Magnetism: Moderate to strongly magnetic Veinning: 2% mm scale pink calcite veins, 1x 2cm thick qtz-cal-chl vein towards lower contact Structure: Weak to moderate brittle and chaotic deformation Alteration: Moderate calcite alteration and moderate chlorite alteration occuring in microfractures Mineralization: Trace to 1% fine grained, dissemianted Py mineralization, up to 10% disseminated in last 1m of interval, in vein and in proximity to vein. Lower Contact: Sharp but wavy and irregular

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

178.00 - 178.90: PYR, DIS, 8.00, -, FGR, 5-10% fine grained disseminated PY mineralization

**VEIN**

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS

178.50 - 178.90: QtzCalChl, 20.00, -, -, -, -, PYR, 10.00, 1x 2-3cm thick, deformed qtz-cal-chl (black) vein with 10% PY in vein, at vein contacts and in margins

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114684 | 174.0 | 175.5 | 1.5 | 0.208 | | | | |
| CAOND114685 | 175.5 | 177.0 | 1.5 | 0.484 | | | | |
| CAOND114686 | 177.0 | 178.0 | 1.0 | 0.069 | | | | |
| CAOND114687 | 178.0 | 178.9 | 0.9 | 0.931 | | | | |

**Major:** **From:** 178.90 **To:** 198.40 V8, Trachyte

Composition: Dominantly dark green to grey with patches and spots of white and pale grey, chaotic, grundgy appearance; V8 - Trachyte Magnetism: Strongly magnetic Veinning: 1-2% calcite veinning Structure: Moderately brittle chaotic deformation Alteration: Moderate calcite alteration Mineralization:

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114688 | 178.9 | 180.0 | 1.1 | 1.015 | | | | |
| CAOND114689 | 180.0 | 181.0 | 1.0 | 0.144 | | | | |
| CAOND114691 | 181.0 | 182.5 | 1.5 | 0.027 | | | | |

## Hole number: KLUC18-511

Rare to trace fine grained disseminated Py mineralization, 5-8% occuring over 2m at upper contact Lower Contact: Sharp oriented at 50 TCA

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

178.90 - 180.50: PYR, DIS, 8.00, -, FGR, 5-10% fine grained disseminated PY mineralization

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114692 | 182.5 | 184.0 | 1.5 | 0.022 | | | | |
| CAOND114693 | 184.0 | 185.0 | 1.0 | 0.015 | | | | |
| CAOND114694 | 185.0 | 186.0 | 1.0 | 0.030 | | | | |
| CAOND114695 | 186.0 | 187.5 | 1.5 | 0.018 | | | | |
| CAOND114696 | 187.5 | 189.0 | 1.5 | 0.015 | | | | |
| CAOND114697 | 189.0 | 190.5 | 1.5 | 0.030 | | | | |
| CAOND114698 | 190.5 | 192.0 | 1.5 | 0.066 | | | | |
| CAOND114699 | 192.0 | 193.5 | 1.5 | 0.080 | | | | |
| CAOND114701 | 193.5 | 195.0 | 1.5 | 0.052 | | | | |
| CAOND114702 | 195.0 | 196.5 | 1.5 | 0.018 | | | | |
| CAOND114703 | 196.5 | 197.5 | 1.0 | 0.023 | | | | |
| CAOND114704 | 197.5 | 198.4 | 0.9 | 0.031 | | | | |

**Major:** **From:** 198.40 **To:** 205.60 I2Dp, Porphyritic Syenite

Composition: Dark purplish red fine grained matrix with 3-5% medium grained, rounded to subrounded pinkish and grey phenocrysts; I2Dp - Porphyritic syenite Magnetism: Moderate to strongly magnetic Veinning: 2% 1-cm thick qtz-cal-chl veinning Structure: Dominantly undeformed with weak microfracturing Alteration: Weak to moderate calcite alteration Mineralization: 1-2% very fine grained clustered and disseminated Py mineralization around 203m Lower Contact: Sharp at 30 TCA

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

202.50 - 203.50: PYR, DIS, 1.00, -, FGR, 1-2% v.fgr. to f.gr. clustered and dissemianted Py mineralization

**VEIN**

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS

198.40 - 202.00: QtzCalChl, 5.00, -, -, -, -, -, -, 5% 1-2cm thick, vuggy, white and dark green qtz-cal-chl veinning at no preferred orientation

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114705 | 198.4 | 199.5 | 1.1 | 0.010 | | | | |
| CAOND114706 | 199.5 | 201.0 | 1.5 | 0.007 | | | | |
| CAOND114707 | 201.0 | 202.5 | 1.5 | 0.008 | | | | |
| CAOND114708 | 202.5 | 203.5 | 1.0 | 0.286 | | | | |
| CAOND114709 | 203.5 | 204.5 | 1.0 | 0.124 | | | | |
| CAOND114710 | 204.5 | 205.6 | 1.1 | 0.020 | | | | |

**Major:** **From:** 205.60 **To:** 218.80 V8, Trachyte

Composition: Melange between a trachyte and mafic syenite?? Beginning as grundgy, dark green and grey colouring that gradually changes to dark purplish grey and dark pinkish, chaotic, grundgy appearance; V8 - Trachyte Magnetism: Strongly magnetic Veinning: 3-5% chaotic and whispy pink calcite veinning Structure: Moderate chaotic deformation Alteration: Moderate calcite alteration Mineralization: None observed Lower Contact: Sharp but wavy and irregular

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114711 | 205.6 | 207.0 | 1.4 | 0.028 | | | | |
| CAOND114712 | 207.0 | 208.5 | 1.5 | 0.097 | | | | |
| CAOND114713 | 208.5 | 210.0 | 1.5 | 0.042 | | | | |
| CAOND114714 | 210.0 | 211.5 | 1.5 | 0.037 | | | | |
| CAOND114716 | 211.5 | 213.0 | 1.5 | 0.037 | | | | |
| CAOND114717 | 213.0 | 214.5 | 1.5 | 0.060 | | | | |
| CAOND114718 | 214.5 | 216.0 | 1.5 | 0.039 | | | | |

**Hole number:** KLUC18-511

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114719 | 216.0 | 217.5 | 1.5 | 0.045 | | | | |
| CAOND114721 | 217.5 | 218.8 | 1.3 | 0.026 | | | | |

**Major:** **From:** 218.80 **To:** 225.70 I2D, Syénite

Composition: Medium to dark orangish red, fine grained and massive; I2D - Syenite Magnetism: Non magnetic Veinning: 10% vuggy and chaotic pale grey qtz-cal veinning Structure: Moderate brittle deformation defined by the chaotic fracturing and veinning Alteration: Weak calcite and weak fracture control chlorite Mineralization: 1-2% fine grained disseminated Py mineralization Lower Contact: Sharp but jagged and irregular

**VEIN**

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS

218.90 - 225.70: QtzCal, 10.00, -, -, -, -, PYR, 1.00, 10% chaotic and vuggy quartz veinning less than 1 -2cm thick, 1-2 f.gr. Py mineralization in host rock

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114722 | 218.8 | 220.0 | 1.2 | 0.050 | | | | |
| CAOND114723 | 220.0 | 220.9 | 0.9 | 0.021 | | | | |
| CAOND114724 | 220.9 | 222.0 | 1.1 | 0.289 | | | | |
| CAOND114726 | 222.0 | 223.5 | 1.5 | 0.134 | | | | |
| CAOND114727 | 223.5 | 224.5 | 1.0 | 0.104 | | | | |
| CAOND114728 | 224.5 | 225.7 | 1.2 | 0.013 | | | | |

**Major:** **From:** 225.70 **To:** 283.10 V8, Trachyte

Composition: Dark green to grey, medium brown and medium pinksh brown, chaotically deformed, melange of trachyte and mafic syenite??; V8 - Trachyte Magnetism: Moderate to strongly magnetic Veinning: 1-2% vuggy mm scale calcite veinning Structure: Chaotic moderate deformation with local moderate preferential alignment at 30-50 TCA Alteration: Moderate spotted calcite alteration and moderate patchy chlorite Mineralization: 1-3% very fine grained, disseminated Py mineralization Lower Contact: Sharp; oriented at 40 TCA

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

275.00 - 276.00: PYR, DIS, 5.00, -, VFG, 5% v.fr.gr. Py

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

225.70 - 263.00: DFZ, -, MOD, Moderate to strong chaotic deformation with local preferential alignment at 30-50 TCA

225.70 - 263.00: FOL, 30.00, MOD, Local intervals, not pervasive, moderate foliation at 30-50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114729 | 225.7 | 227.0 | 1.3 | 0.037 | | | | |
| CAOND114731 | 227.0 | 228.5 | 1.5 | 0.030 | | | | |
| CAOND114732 | 228.5 | 230.0 | 1.5 | 0.053 | | | | |
| CAOND114733 | 230.0 | 231.5 | 1.5 | 0.015 | | | | |
| CAOND114734 | 231.5 | 233.0 | 1.5 | 0.035 | | | | |
| CAOND114735 | 233.0 | 234.5 | 1.5 | 0.050 | | | | |
| CAOND114736 | 234.5 | 236.0 | 1.5 | 0.025 | | | | |
| CAOND114737 | 236.0 | 237.5 | 1.5 | 0.036 | | | | |
| CAOND114738 | 237.5 | 239.0 | 1.5 | 0.909 | | | | |
| CAOND114739 | 239.0 | 240.5 | 1.5 | 0.032 | | | | |
| CAOND114740 | 240.5 | 242.0 | 1.5 | 0.042 | | | | |
| CAOND114741 | 242.0 | 243.5 | 1.5 | 0.020 | | | | |
| CAOND114742 | 243.5 | 245.0 | 1.5 | 0.031 | | | | |
| CAOND114743 | 245.0 | 246.5 | 1.5 | 0.026 | | | | |
| CAOND114744 | 246.5 | 248.0 | 1.5 | 0.071 | | | | |
| CAOND114746 | 248.0 | 249.5 | 1.5 | 0.079 | | | | |
| CAOND114747 | 249.5 | 251.0 | 1.5 | 0.073 | | | | |
| CAOND114748 | 251.0 | 252.5 | 1.5 | 0.043 | | | | |
| CAOND114749 | 252.5 | 254.0 | 1.5 | 0.178 | | | | |
| CAOND114751 | 254.0 | 255.5 | 1.5 | 0.429 | | | | |

**Hole number:** KLUC18-511

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114752 | 255.5 | 257.0 | 1.5 | 0.111 | | | | |
| CAOND114753 | 257.0 | 258.5 | 1.5 | 0.040 | | | | |
| CAOND114754 | 258.5 | 260.0 | 1.5 | 0.421 | | | | |
| CAOND114755 | 260.0 | 261.5 | 1.5 | 0.097 | | | | |
| CAOND114756 | 261.5 | 263.0 | 1.5 | 0.059 | | | | |
| CAOND114757 | 263.0 | 264.5 | 1.5 | 0.165 | | | | |
| CAOND114758 | 264.5 | 266.0 | 1.5 | 0.069 | | | | |
| CAOND114759 | 266.0 | 267.5 | 1.5 | 0.055 | | | | |
| CAOND114761 | 267.5 | 269.0 | 1.5 | 0.027 | | | | |
| CAOND114762 | 269.0 | 270.5 | 1.5 | 0.029 | | | | |
| CAOND114763 | 270.5 | 272.0 | 1.5 | 0.044 | | | | |
| CAOND114764 | 272.0 | 273.5 | 1.5 | 0.077 | | | | |
| CAOND114765 | 273.5 | 275.0 | 1.5 | 0.179 | | | | |
| CAOND114766 | 275.0 | 276.5 | 1.5 | 0.230 | | | | |
| CAOND114767 | 276.5 | 278.0 | 1.5 | 0.860 | | | | |
| CAOND114768 | 278.0 | 279.5 | 1.5 | 0.086 | | | | |
| CAOND114769 | 279.5 | 281.0 | 1.5 | 0.658 | | | | |
| CAOND114771 | 281.0 | 282.0 | 1.0 | 0.049 | | | | |
| CAOND114772 | 282.0 | 283.1 | 1.1 | 0.048 | | | | |

**Major:** **From:** 283.10 **To:** 286.30 I2Dmp, Syenite mafic porphyryitic

Composition: Dark grey matrix with patches of dark red, fine grained with 15-20% mm scale greenish grey phenocrysts; I2Dmp - Porphyritic mafic syenite Magnetism: Strongly magnetic Veinning: 5% caclite filled microfractures Structure: Undeformed with weak microfracturing Alteration: Moderate fracture controlled hematite alteration Mineralization: None observed Lower Contact: Sharp but intruded by a 1cm thick qtz-cal vein

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114773 | 283.1 | 284.5 | 1.4 | 0.045 | | | | |
| CAOND114774 | 284.5 | 285.5 | 1.0 | 0.008 | | | | |
| CAOND114776 | 285.5 | 286.3 | 0.8 | 0.013 | | | | |

**Major:** **From:** 286.30 **To:** 289.10 V8, Trachyte

Composition: Dark green to grey, medium brown and medium pinksh brown, chaotically deformed; V8 - Trachyte Magnetism: Moderate to strongly magnetic Veinning: 1-2% mm scale calcite veinning Structure: Chaotic moderate deformation Alteration: Moderate spotted calcite alteration and moderate patchy chlorite Mineralization: 2-3% very fine grained, disseminated Py mineralization Lower Contact: Sharp; oriented at 60 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114777 | 286.3 | 287.5 | 1.2 | 0.022 | | | | |
| CAOND114778 | 287.5 | 288.5 | 1.0 | 0.162 | | | | |
| CAOND114779 | 288.5 | 289.1 | 0.6 | 0.577 | | | | |

**Major:** **From:** 289.10 **To:** 295.40 I2Dmp, Syenite mafic porphyryitic

Composition: Dark grey matrix with patches of dark red, fine grained with 15-20% mm scale greenish grey phenocrysts; I2Dmp - Porphyritic mafic syenite Magnetism: Strongly magnetic Veinning: 5% caclite filled microfractures Structure: Undeformed with weak microfracturing Alteration: Moderate fracture

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114781 | 289.1 | 290.5 | 1.4 | 0.107 | | | | |
| CAOND114782 | 290.5 | 292.0 | 1.5 | 0.003 | | | | |

**Hole number:** KLUC18-511

controlled hematite alteration Mineralization: None observed Lower Contact: Sharp, oriented at 30 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114783 | 292.0 | 293.5 | 1.5 | 0.009 | | | | |
| CAOND114784 | 293.5 | 294.5 | 1.0 | 0.015 | | | | |
| CAOND114785 | 294.5 | 295.4 | 0.9 | 0.011 | | | | |

**Major:** **From:** 295.40 **To:** 315.60 I2Dm, Mafic Syenite

Composition: Dominantly dark purplish red with pale and medium pink patches and minor intervals that are dominantly dark green, grungy appearance, chaotic deformation; I2Dm - Mafic syenite Magnetism: Strongly magnetic Veinning: 1-2% chaotic and whispy pink and white calcite veinning, 1x 3cm thick pale grey qtz vein Structure: Moderate chaotic deformation with local preferential alignment at 30-40 and 40-50 TCA Alteration: Moderate calcite alteration Mineralization: 1% very fine grained Py mineralization Lower Contact: Sharp; oriented at 30 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114786 | 295.4 | 296.5 | 1.1 | 0.064 | | | | |
| CAOND114787 | 296.5 | 297.5 | 1.0 | 1.640 | | | | |
| CAOND114788 | 297.5 | 299.0 | 1.5 | 0.230 | | | | |
| CAOND114789 | 299.0 | 300.5 | 1.5 | 0.339 | | | | |
| CAOND114791 | 300.5 | 302.0 | 1.5 | 0.031 | | | | |
| CAOND114792 | 302.0 | 303.5 | 1.5 | 0.022 | | | | |
| CAOND114793 | 303.5 | 305.0 | 1.5 | 0.041 | | | | |
| CAOND114794 | 305.0 | 306.5 | 1.5 | 0.035 | | | | |
| CAOND114795 | 306.5 | 308.0 | 1.5 | 0.020 | | | | |
| CAOND114796 | 308.0 | 309.5 | 1.5 | 0.039 | | | | |
| CAOND114797 | 309.5 | 311.0 | 1.5 | 0.025 | | | | |
| CAOND114798 | 311.0 | 312.5 | 1.5 | 0.017 | | | | |
| CAOND114799 | 312.5 | 313.5 | 1.0 | 0.028 | | | | |
| CAOND114801 | 313.5 | 314.5 | 1.0 | 0.028 | | | | |
| CAOND114802 | 314.5 | 315.6 | 1.1 | 0.047 | | | | |

**Major:** **From:** 315.60 **To:** 332.80 V8tl, Trachytic lapilli tuff

Composition: Dark bluish grey with pale beige patches, medium to dark red intervals, and alternating Magnetism: Moderate magnetism Veinning: 1-2% qtz and calcite veinlets, possibly more abundant but strongly deformed Structure: Strong deformation and foliation at 40-50 TCA; defined by the flattening and alignment of clasts? and deformed veinning? Alteration: Moderate spotted and ptachy dolomite alteration with minor intervals with patchy hematite Mineralization: 1-2% very fine grained locally medium grained Py mineralization Lower Contact: Gradational, contact places where foliation becomes chaotic and larger clasts of syenite are introduced

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

315.60 - 332.80: DFZ, 40.00, STRONG, Strong deformation define by the flattening and preferential alignmnet of clasts and veinning

315.60 - 332.80: FOL, 40.00, STRONG, Strong foliation orineted at 40-50 TCA

325.00 - 326.00: FRA, -, MOD, Moderate fracutring into 1-3cm thick angular pieces

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114803 | 315.6 | 317.0 | 1.4 | 0.268 | | | | |
| CAOND114804 | 317.0 | 318.5 | 1.5 | 0.193 | | | | |
| CAOND114805 | 318.5 | 320.0 | 1.5 | 0.003 | | | | |
| CAOND114806 | 320.0 | 321.5 | 1.5 | 0.003 | | | | |
| CAOND114807 | 321.5 | 323.0 | 1.5 | 0.032 | | | | |
| CAOND114808 | 323.0 | 324.5 | 1.5 | 0.044 | | | | |
| CAOND114809 | 324.5 | 326.0 | 1.5 | 0.113 | | | | |
| CAOND114810 | 326.0 | 327.5 | 1.5 | 0.117 | | | | |
| CAOND114811 | 327.5 | 329.0 | 1.5 | 0.031 | | | | |
| CAOND114812 | 329.0 | 330.5 | 1.5 | 0.003 | | | | |
| CAOND114813 | 330.5 | 332.0 | 1.5 | 0.013 | | | | |
| CAOND114814 | 332.0 | 332.8 | 0.8 | 0.044 | | | | |

## Hole number: KLUC18-511

**Major:** **From:** 332.80 **To:** 361.80 V8tAgg, Trachyte tuff agglomerate

Composition: Alternating stringers and intervals of dark green, dark puplsih red, dark oragnish red, strongly deformed, tuff to lapilli tuff intervals repeatedly alternating with trachyte agglomerate; V8tAgg - TRachyte tuff agglomerate Magnetism: Non magnetic, moderately magnetic and strongly magnetic intervals Veinning: 2-5% irregular and chaotic qtz-cal veinning Structure: Strongly deformed, locally chaotically, moderate to strong foliation at 40-50 TCA Alteration: Moderate stringers of chlorite and minor pervasive interals of moderate hematite alteration Mineralization: 2-3% very fine grained Py mineralization Lower Contact: Gradational

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

332.80 - 361.80: DFZ, -, STRONG, Strong deformation defined by the chaotic textures and veinning, locally moderate foliation at 40-50 TCA
338.00 - 343.00: FOL, 40.00, MOD, Moderate folliation oriented at 40-50 TCA
343.00 - 348.00: FOL, 30.00, MOD, Moderate foliation at 30-40 TCA
348.00 - 361.80: FOL, 40.00, MOD, Moderate foliation at 40-50 TCA
360.70 - 360.80: FGO, 40.00, -, 2cm thick interval of possible fault gouge
361.20 - 361.30: BRF, 60.00, -, 2cm thick intervals of possible fault breccia and fault gouge, fault mud?

**VEIN**

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS

340.00 - 346.50: QtzCbt, 5.00, -, -, -, -, -, -, 5% chaotic and irregular qtz-carb-hem? veinning occuring over 5-10cm thick intervals, pale grey and medium orangish pink colouring

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114816 | 332.8 | 334.0 | 1.2 | 0.097 | | | | |
| CAOND114817 | 334.0 | 335.0 | 1.0 | 0.046 | | | | |
| CAOND114818 | 335.0 | 336.0 | 1.0 | 0.005 | | | | |
| CAOND114819 | 336.0 | 337.5 | 1.5 | 0.003 | | | | |
| CAOND114821 | 337.5 | 339.0 | 1.5 | 1.395 | | | | |
| CAOND114822 | 339.0 | 340.5 | 1.5 | 0.013 | | | | |
| CAOND114823 | 340.5 | 342.0 | 1.5 | 0.003 | | | | |
| CAOND114824 | 342.0 | 343.5 | 1.5 | 0.007 | | | | |
| CAOND114826 | 343.5 | 345.0 | 1.5 | 0.711 | | | | |
| CAOND114827 | 345.0 | 346.5 | 1.5 | 0.026 | | | | |
| CAOND114828 | 346.5 | 348.0 | 1.5 | 0.014 | | | | |
| CAOND114829 | 348.0 | 349.5 | 1.5 | 0.006 | | | | |
| CAOND114831 | 349.5 | 351.0 | 1.5 | 0.007 | | | | |
| CAOND114832 | 351.0 | 352.5 | 1.5 | 0.003 | | | | |
| CAOND114833 | 352.5 | 354.0 | 1.5 | 0.003 | | | | |
| CAOND114834 | 354.0 | 355.5 | 1.5 | 0.005 | | | | |
| CAOND114835 | 355.5 | 357.0 | 1.5 | 0.003 | | | | |
| CAOND114836 | 357.0 | 358.5 | 1.5 | 0.003 | | | | |
| CAOND114837 | 358.5 | 360.0 | 1.5 | 0.003 | | | | |
| CAOND114838 | 360.0 | 360.9 | 0.9 | 0.010 | | | | |
| CAOND114839 | 360.9 | 361.8 | 0.9 | 0.014 | | | | |

**Major:** **From:** 361.80 **To:** 448.50 V8mt, Trachyte mafic tuff

Composition: Dark grey with minor pale to medium pink, fine grained; V8mt - Mafic trachyte tuff Magnetism: Moderate magnetism Veinning: 1-2% milky white qtz veinning, minor interval containning 15-20% mm scale qtz veinning Structure: Strong deformation and preferential alignment at 20-30 TCA, numerous fault gouge in proximity to upper contact. Moderate to strong deformation, dominantly chaotic and occasionally preferentially aligned at 30-50 TCA Alteration: Moderate to strong pervasive chlorite alteration and moderate patchy dolomite gradually changing to moderate calcite alteration Mineralization: 1% very fine grained Py mineralization with minor intervals with up to 5% disseminated Py Lower Contact: Gradational, contact is placed where laplilli sized clasts are introduced 398-415.5m; change in texture, more masive and slightly homogeneous, fine grained and reddish grey colouring, possibly a thick bed or intrusion? but contacts are gradational.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

395.00 - 397.00: PYR, DIS, 5.00, -, VFG, 5% v.f.gr. disseminated Py
398.00 - 402.00: PYR, DIS, 5.00, -, VFG, 5% v.f.gr disseminated Py

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114840 | 361.8 | 363.0 | 1.2 | 0.009 | | | | |
| CAOND114841 | 363.0 | 364.0 | 1.0 | 0.007 | | | | |
| CAOND114842 | 364.0 | 365.5 | 1.5 | 0.007 | | | | |
| CAOND114843 | 365.5 | 367.0 | 1.5 | 0.010 | | | | |
| CAOND114844 | 367.0 | 368.5 | 1.5 | 0.092 | | | | |
| CAOND114846 | 368.5 | 370.0 | 1.5 | 0.106 | | | | |
| CAOND114847 | 370.0 | 371.0 | 1.0 | 0.042 | | | | |
| CAOND114848 | 371.0 | 372.0 | 1.0 | 0.009 | | | | |
| CAOND114849 | 372.0 | 373.5 | 1.5 | 0.047 | | | | |
| CAOND114851 | 373.5 | 375.0 | 1.5 | 0.100 | | | | |

**Hole number:** KLUC18-511

## ALTERATION

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

398.00 - 416.00: HEM+, PEN, MOD, -, -, Moderate to weak pervasive hematite alteration

## STRUCTURE

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

361.80 - 361.90: FGO, -, STRONG, 2cm thick interval of very fine grained fault gouge
361.80 - 381.00: FOL, 20.00, MOD, Moderate to strong foliation oriented at 20-30 TCA
361.80 - 398.00: DFZ, 30.00, STRONG, Strong deformation with preferential alignment at 20-30 TCA
363.50 - 363.60: FGO, -, STRONG, 10cm thick interval of very fine grained fault gouge
394.00 - 398.00: CRN, 40.00, STRONG, 2x crosscutting foliation planes, first at 10 TCA and second at 40 TCA, crenulations defined by the 2 crosscutting deformation planes
398.00 - 417.00: DFZ, -, WEAK, Weak deformation
417.00 - 448.00: DFZ, -, WEAK, Weak to moderate chaotic deformation; defined by the choaticness of calcite veinlets and patches
448.00 - 448.50: DFZ, -, STRONG, Moderate to strong chaotic deformation, moderate crenulations, weak to moderate foliation at 40-50 TCA
448.00 - 448.50: FOL, 40.00, MOD, Moderate foliation at 40-50 TCA

## VEIN

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS

388.70 - 392.50: QTZ, 15.00, -, -, -, -, PYR, 1.00, 15-20% dominantly chaotic and deformed pale grey and milky white qtz-hem veinning. Locally mm scale and parallel at 70-80 TCA. 1-2% very fine grained Py mineralization disseminated in host rock
398.50 - 399.50: QTZ, 5.00, -, -, -, -, PYR, 5.00, 5% qtz-hem veinning, 1x 10cm thick pale pinkish vein with mm scale veinlets in margins. 5% very fine grained Py mineralization in vein margins
417.40 - 418.00: QTZ, 10.00, -, -, -, -, -, -, 10% qtz-hem veinning chaotic, deformed and folded

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114852 | 375.0 | 376.5 | 1.5 | 0.047 | | | | |
| CAOND114853 | 376.5 | 378.0 | 1.5 | 0.047 | | | | |
| CAOND114854 | 378.0 | 379.5 | 1.5 | 0.059 | | | | |
| CAOND114855 | 379.5 | 381.0 | 1.5 | 0.012 | | | | |
| CAOND114856 | 381.0 | 382.5 | 1.5 | 0.015 | | | | |
| CAOND114857 | 382.5 | 384.0 | 1.5 | 0.020 | | | | |
| CAOND114858 | 384.0 | 385.5 | 1.5 | 0.018 | | | | |
| CAOND114859 | 385.5 | 387.0 | 1.5 | 0.011 | | | | |
| CAOND114861 | 387.0 | 388.5 | 1.5 | 0.003 | | | | |
| CAOND114862 | 388.5 | 390.0 | 1.5 | 0.003 | | | | |
| CAOND114863 | 390.0 | 391.5 | 1.5 | 0.003 | | | | |
| CAOND114864 | 391.5 | 392.5 | 1.0 | 0.003 | | | | |
| CAOND114865 | 392.5 | 394.0 | 1.5 | 0.003 | | | | |
| CAOND114866 | 394.0 | 395.5 | 1.5 | 0.003 | | | | |
| CAOND114867 | 395.5 | 397.0 | 1.5 | 0.007 | | | | |
| CAOND114868 | 397.0 | 398.5 | 1.5 | 0.031 | | | | |
| CAOND114869 | 398.5 | 400.0 | 1.5 | 0.091 | | | | |
| CAOND114871 | 400.0 | 401.5 | 1.5 | 2.110 | | | | |
| CAOND114872 | 401.5 | 403.0 | 1.5 | 0.114 | | | | |
| CAOND114873 | 403.0 | 404.5 | 1.5 | 0.242 | | | | |
| CAOND114874 | 404.5 | 406.0 | 1.5 | 0.024 | | | | |
| CAOND114876 | 406.0 | 407.5 | 1.5 | 0.006 | | | | |
| CAOND114877 | 407.5 | 409.0 | 1.5 | 0.003 | | | | |
| CAOND114878 | 409.0 | 410.5 | 1.5 | 0.005 | | | | |
| CAOND114879 | 410.5 | 412.0 | 1.5 | 0.013 | | | | |
| CAOND114881 | 412.0 | 413.5 | 1.5 | 0.008 | | | | |
| CAOND114882 | 413.5 | 415.0 | 1.5 | 0.008 | | | | |
| CAOND114883 | 415.0 | 416.0 | 1.0 | 0.011 | | | | |
| CAOND114884 | 416.0 | 417.3 | 1.3 | 0.003 | | | | |
| CAOND114885 | 417.3 | 418.5 | 1.2 | 0.006 | | | | |
| CAOND114886 | 418.5 | 420.0 | 1.5 | 0.025 | | | | |
| CAOND114887 | 420.0 | 421.5 | 1.5 | 0.038 | | | | |
| CAOND114888 | 421.5 | 423.0 | 1.5 | 0.015 | | | | |

**Hole number:** KLUC18-511

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114889 | 423.0 | 424.5 | 1.5 | 0.013 | | | | |
| CAOND114891 | 424.5 | 426.0 | 1.5 | 0.005 | | | | |
| CAOND114892 | 426.0 | 427.5 | 1.5 | 0.009 | | | | |
| CAOND114893 | 427.5 | 429.0 | 1.5 | 0.015 | | | | |
| CAOND114894 | 429.0 | 430.5 | 1.5 | 0.003 | | | | |
| CAOND114895 | 430.5 | 432.0 | 1.5 | 0.003 | | | | |
| CAOND114896 | 432.0 | 433.5 | 1.5 | 0.003 | | | | |
| CAOND114897 | 433.5 | 435.0 | 1.5 | 0.003 | | | | |
| CAOND114898 | 435.0 | 436.5 | 1.5 | 0.003 | | | | |
| CAOND114899 | 436.5 | 438.0 | 1.5 | 0.003 | | | | |
| CAOND114901 | 438.0 | 439.5 | 1.5 | 0.003 | | | | |
| CAOND114902 | 439.5 | 441.0 | 1.5 | 0.003 | | | | |
| CAOND114903 | 441.0 | 442.5 | 1.5 | 0.005 | | | | |
| CAOND114904 | 442.5 | 444.0 | 1.5 | 0.003 | | | | |
| CAOND114905 | 444.0 | 445.5 | 1.5 | 0.003 | | | | |
| CAOND114906 | 445.5 | 447.0 | 1.5 | 0.003 | | | | |
| CAOND114907 | 447.0 | 448.5 | 1.5 | 0.006 | | | | |

**Major:** **From:** 448.50 **To:** 552.00 V8mtl, Trachyte mafic tuff lapilli

Composition: Medium to dark green and grey with milky white and medium to pale pink clasts, spots and patches; V8mtl - TRachyte mafic lapilli tuff. Magnetism: Moderately magnetic. Veinning: 1-2% milky white 1-2cm thick qtz veinning. Structure: Moderately to strongly deformed and weak to moderately preferential alignment at 40-50 TCA. Alteration: Moderate patchy calcite alteration and weak patchy chlorite. Mineralization: 1-2% very fine grained disseminated and locally clustered Py mineralization Lower Contact: Not reached 499-515m = colour changing to dark bluish grey with milky white patches and non to weakly magnetic, moderate to strongly deformed and chaotic folding. Local 50cm thick patch of yellowish green Ep/Se alteration? 501-502.65m = deformation is less chaotic and more parallel; oriented at 40-50 TCA. Medium pinkish beige colouring and more felsic composition. Local stringers of moderate Se alteration. 2-3% fine grained disseminated Py mineralization. 1% boudinaged and deformed qtz veinning

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

505.00 - 506.00: EPD+, PAT, MOD, -, -, Moderate patchy of Ep or Se alteration

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

448.50 - 552.00: DFZ, -, STRONG, Moderate to strong chaotic deformation, moderate crenulations, weak to moderate foliation at 40-50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114908 | 448.5 | 450.0 | 1.5 | 0.006 | | | | |
| CAOND114909 | 450.0 | 451.5 | 1.5 | 0.010 | | | | |
| CAOND114910 | 451.5 | 453.0 | 1.5 | 0.019 | | | | |
| CAOND114911 | 453.0 | 454.5 | 1.5 | 0.026 | | | | |
| CAOND114912 | 454.5 | 456.0 | 1.5 | 0.017 | | | | |
| CAOND114913 | 456.0 | 457.5 | 1.5 | 0.020 | | | | |
| CAOND114914 | 457.5 | 459.0 | 1.5 | 0.022 | | | | |
| CAOND114916 | 459.0 | 460.5 | 1.5 | 0.009 | | | | |
| CAOND114917 | 460.5 | 462.0 | 1.5 | 0.006 | | | | |
| CAOND114918 | 462.0 | 463.5 | 1.5 | 0.009 | | | | |
| CAOND114919 | 463.5 | 465.0 | 1.5 | 0.006 | | | | |
| CAOND114921 | 465.0 | 466.5 | 1.5 | 0.008 | | | | |
| CAOND114922 | 466.5 | 468.0 | 1.5 | 0.012 | | | | |
| CAOND114923 | 468.0 | 469.5 | 1.5 | 0.036 | | | | |
| CAOND114924 | 469.5 | 471.0 | 1.5 | 0.042 | | | | |

## Hole number: KLUC18-511

448.50 - 552.00: FOL, 40.00, MOD, Moderate foliation at 40-50 TCA

**VEIN**

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS

466.80 - 469.50: QTZ, 3.00, -, -, -, -, -, -, 3% chaotic, deformed and discontinuous, milky white qtz veinning

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114926 | 471.0 | 472.5 | 1.5 | 0.028 | | | | |
| CAOND114927 | 472.5 | 474.0 | 1.5 | 0.027 | | | | |
| CAOND114928 | 474.0 | 475.5 | 1.5 | 0.013 | | | | |
| CAOND114929 | 475.5 | 477.0 | 1.5 | 0.017 | | | | |
| CAOND114931 | 477.0 | 478.5 | 1.5 | 0.017 | | | | |
| CAOND114932 | 478.5 | 480.0 | 1.5 | 0.003 | | | | |
| CAOND114933 | 480.0 | 481.5 | 1.5 | 0.003 | | | | |
| CAOND114934 | 481.5 | 483.0 | 1.5 | 0.003 | | | | |
| CAOND114935 | 483.0 | 484.5 | 1.5 | 0.003 | | | | |
| CAOND114936 | 484.5 | 486.0 | 1.5 | 0.003 | | | | |
| CAOND114937 | 486.0 | 487.5 | 1.5 | 0.007 | | | | |
| CAOND114938 | 487.5 | 489.0 | 1.5 | 0.009 | | | | |
| CAOND114939 | 489.0 | 490.5 | 1.5 | 0.018 | | | | |
| CAOND114940 | 490.5 | 492.0 | 1.5 | 0.005 | | | | |
| CAOND114941 | 492.0 | 493.5 | 1.5 | 0.003 | | | | |
| CAOND114942 | 493.5 | 495.0 | 1.5 | 0.005 | | | | |
| CAOND114943 | 495.0 | 496.5 | 1.5 | 0.011 | | | | |
| CAOND114944 | 496.5 | 498.0 | 1.5 | 0.024 | | | | |
| CAOND114946 | 498.0 | 499.5 | 1.5 | 0.021 | | | | |
| CAOND114947 | 499.5 | 501.0 | 1.5 | 0.115 | | | | |
| CAOND114948 | 501.0 | 501.7 | 0.7 | 0.178 | | | | |
| CAOND114949 | 501.7 | 502.7 | 1.0 | 0.264 | | | | |
| CAOND114951 | 502.7 | 504.0 | 1.3 | 0.078 | | | | |
| CAOND114952 | 504.0 | 505.0 | 1.0 | 0.086 | | | | |
| CAOND114953 | 505.0 | 506.0 | 1.0 | 0.066 | | | | |
| CAOND114954 | 506.0 | 507.0 | 1.0 | 0.064 | | | | |
| CAOND114955 | 507.0 | 508.0 | 1.0 | 0.081 | | | | |
| CAOND114956 | 508.0 | 509.0 | 1.0 | 0.017 | | | | |
| CAOND114957 | 509.0 | 510.0 | 1.0 | 0.011 | | | | |
| CAOND114958 | 510.0 | 511.0 | 1.0 | 0.008 | | | | |
| CAOND114959 | 511.0 | 512.0 | 1.0 | 0.007 | | | | |
| CAOND114961 | 512.0 | 513.5 | 1.5 | 0.007 | | | | |
| CAOND114962 | 513.5 | 515.0 | 1.5 | 0.016 | | | | |

**Hole number:** KLUC18-511

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114963 | 515.0 | 516.5 | 1.5 | 0.011 | | | | |
| CAOND114964 | 516.5 | 518.0 | 1.5 | 0.008 | | | | |
| CAOND114965 | 518.0 | 519.5 | 1.5 | 0.041 | | | | |
| CAOND114966 | 519.5 | 521.0 | 1.5 | 0.007 | | | | |
| CAOND114967 | 521.0 | 522.5 | 1.5 | 0.011 | | | | |
| CAOND114968 | 522.5 | 524.0 | 1.5 | 0.011 | | | | |
| CAOND114969 | 524.0 | 525.5 | 1.5 | 0.008 | | | | |
| CAOND114971 | 525.5 | 527.0 | 1.5 | 0.011 | | | | |
| CAOND114972 | 527.0 | 528.5 | 1.5 | 0.012 | | | | |
| CAOND114973 | 528.5 | 530.0 | 1.5 | 0.025 | | | | |
| CAOND114974 | 530.0 | 531.5 | 1.5 | 0.003 | | | | |
| CAOND114976 | 531.5 | 533.0 | 1.5 | 0.003 | | | | |
| CAOND114977 | 533.0 | 534.5 | 1.5 | 0.005 | | | | |
| CAOND114978 | 534.5 | 536.0 | 1.5 | 0.005 | | | | |
| CAOND114979 | 536.0 | 537.5 | 1.5 | 0.003 | | | | |
| CAOND114981 | 537.5 | 539.0 | 1.5 | 0.003 | | | | |
| CAOND114982 | 539.0 | 540.5 | 1.5 | 0.007 | | | | |
| CAOND114983 | 540.5 | 542.0 | 1.5 | 0.005 | | | | |
| CAOND114984 | 542.0 | 543.5 | 1.5 | 0.037 | | | | |
| CAOND114985 | 543.5 | 545.0 | 1.5 | 0.024 | | | | |
| CAOND114986 | 545.0 | 546.5 | 1.5 | 0.006 | | | | |
| CAOND114987 | 546.5 | 548.0 | 1.5 | 0.003 | | | | |
| CAOND114988 | 548.0 | 549.5 | 1.5 | 0.006 | | | | |
| CAOND114989 | 549.5 | 551.0 | 1.5 | 0.026 | | | | |
| CAOND114991 | 551.0 | 552.0 | 1.0 | 0.063 | | | | |

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 24.0 | 27.0 | 67.00 | 100.00 | | | N | |
| 27.0 | 30.0 | 80.00 | 100.00 | | | N | |
| 30.0 | 33.0 | 67.00 | 100.00 | | | N | |
| 33.0 | 36.0 | 80.00 | 100.00 | | | N | |
| 36.0 | 39.0 | 77.00 | 100.00 | | | N | |

**Hole number:** KLUC18-511

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 39.0 | 42.0 | 90.00 | 100.00 | | | N | |
| 42.0 | 45.0 | 95.00 | 100.00 | | | N | |
| 45.0 | 48.0 | 82.00 | 100.00 | | | N | |
| 48.0 | 51.0 | 87.00 | 100.00 | | | N | |
| 51.0 | 54.0 | 73.00 | 100.00 | | | N | |
| 54.0 | 57.0 | 92.00 | 100.00 | | | N | |
| 57.0 | 60.0 | 80.00 | 100.00 | | | N | |
| 60.0 | 63.0 | 83.00 | 100.00 | | | N | |
| 63.0 | 66.0 | 73.00 | 100.00 | | | N | |
| 66.0 | 69.0 | 82.00 | 100.00 | | | N | |
| 69.0 | 72.0 | 73.00 | 100.00 | | | N | |
| 72.0 | 75.0 | 80.00 | 100.00 | | | N | |
| 75.0 | 78.0 | 83.00 | 100.00 | | | N | |
| 78.0 | 81.0 | 73.00 | 100.00 | | | N | |
| 81.0 | 84.0 | 70.00 | 100.00 | | | N | |
| 84.0 | 87.0 | 83.00 | 100.00 | | | N | |
| 87.0 | 90.0 | 90.00 | 100.00 | | | N | |
| 90.0 | 93.0 | 72.00 | 100.00 | | | N | |
| 93.0 | 96.0 | 83.00 | 100.00 | | | N | |
| 96.0 | 99.0 | 90.00 | 100.00 | | | N | |
| 99.0 | 102.0 | 90.00 | 100.00 | | | N | |
| 102.0 | 105.0 | 83.00 | 100.00 | | | N | |
| 105.0 | 108.0 | 87.00 | 100.00 | | | N | |
| 108.0 | 111.0 | 98.00 | 100.00 | | | N | |
| 111.0 | 114.0 | 95.00 | 100.00 | | | N | |
| 114.0 | 117.0 | 80.00 | 100.00 | | | N | |
| 117.0 | 120.0 | 80.00 | 100.00 | | | N | |
| 120.0 | 123.0 | 87.00 | 100.00 | | | N | |

**Hole number:** KLUC18-511

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 123.0 | 126.0 | 95.00 | 100.00 | | | N | |
| 126.0 | 129.0 | 90.00 | 100.00 | | | N | |
| 129.0 | 132.0 | 85.00 | 100.00 | | | N | |
| 132.0 | 135.0 | 97.00 | 100.00 | | | N | |
| 135.0 | 138.0 | 95.00 | 100.00 | | | N | |
| 138.0 | 141.0 | 97.00 | 100.00 | | | N | |
| 141.0 | 144.0 | 57.00 | 100.00 | | | N | |
| 144.0 | 147.0 | 87.00 | 100.00 | | | N | |
| 147.0 | 150.0 | 95.00 | 100.00 | | | N | |
| 150.0 | 153.0 | 85.00 | 100.00 | | | N | |
| 153.0 | 156.0 | 80.00 | 100.00 | | | N | |
| 156.0 | 159.0 | 87.00 | 100.00 | | | N | |
| 159.0 | 162.0 | 40.00 | 100.00 | | | N | |
| 162.0 | 165.0 | 63.00 | 100.00 | | | N | |
| 165.0 | 168.0 | 87.00 | 100.00 | | | N | |
| 168.0 | 171.0 | 85.00 | 100.00 | | | N | |
| 171.0 | 174.0 | 90.00 | 100.00 | | | N | |
| 174.0 | 177.0 | 93.00 | 100.00 | | | N | |
| 177.0 | 180.0 | 87.00 | 100.00 | | | N | |
| 180.0 | 183.0 | 83.00 | 100.00 | | | N | |
| 183.0 | 186.0 | 60.00 | 100.00 | | | N | |
| 186.0 | 189.0 | 75.00 | 100.00 | | | N | |
| 189.0 | 192.0 | 67.00 | 100.00 | | | N | |
| 192.0 | 195.0 | 62.00 | 100.00 | | | N | |
| 195.0 | 198.0 | 57.00 | 100.00 | | | N | |
| 198.0 | 201.0 | 58.00 | 100.00 | | | N | |
| 201.0 | 204.0 | 88.00 | 100.00 | | | N | |
| 204.0 | 207.0 | 90.00 | 100.00 | | | N | |

**Hole number:** KLUC18-511

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 207.0 | 210.0 | 90.00 | 100.00 | | | N | |
| 210.0 | 213.0 | 97.00 | 100.00 | | | N | |
| 213.0 | 216.0 | 98.00 | 100.00 | | | N | |
| 216.0 | 219.0 | 93.00 | 100.00 | | | N | |
| 219.0 | 222.0 | 100.00 | 100.00 | | | N | |
| 222.0 | 225.0 | 98.00 | 100.00 | | | N | |
| 225.0 | 228.0 | 97.00 | 100.00 | | | N | |
| 228.0 | 231.0 | 97.00 | 100.00 | | | N | |
| 231.0 | 234.0 | 92.00 | 100.00 | | | N | |
| 234.0 | 237.0 | 93.00 | 100.00 | | | N | |
| 237.0 | 240.0 | 97.00 | 100.00 | | | N | |
| 240.0 | 243.0 | 100.00 | 100.00 | | | N | |
| 243.0 | 246.0 | 90.00 | 100.00 | | | N | |
| 246.0 | 249.0 | 90.00 | 100.00 | | | N | |
| 249.0 | 252.0 | 98.00 | 100.00 | | | N | |
| 252.0 | 255.0 | 100.00 | 100.00 | | | N | |
| 255.0 | 258.0 | 80.00 | 100.00 | | | N | |
| 258.0 | 261.0 | 93.00 | 100.00 | | | N | |
| 261.0 | 264.0 | 87.00 | 100.00 | | | N | |
| 264.0 | 267.0 | 93.00 | 100.00 | | | N | |
| 267.0 | 270.0 | 92.00 | 100.00 | | | N | |
| 270.0 | 273.0 | 87.00 | 100.00 | | | N | |
| 273.0 | 276.0 | 98.00 | 100.00 | | | N | |
| 276.0 | 279.0 | 93.00 | 100.00 | | | N | |
| 279.0 | 282.0 | 93.00 | 100.00 | | | N | |
| 282.0 | 285.0 | 83.00 | 100.00 | | | N | |
| 285.0 | 288.0 | 97.00 | 100.00 | | | N | |
| 288.0 | 291.0 | 93.00 | 100.00 | | | N | |

**Hole number:** KLUC18-511

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 291.0 | 294.0 | 87.00 | 100.00 | | | N | |
| 294.0 | 297.0 | 100.00 | 100.00 | | | N | |
| 297.0 | 300.0 | 95.00 | 100.00 | | | N | |
| 300.0 | 303.0 | 100.00 | 100.00 | | | N | |
| 303.0 | 306.0 | 98.00 | 100.00 | | | N | |
| 306.0 | 309.0 | 97.00 | 100.00 | | | N | |
| 309.0 | 312.0 | 75.00 | 100.00 | | | N | |
| 312.0 | 315.0 | 70.00 | 100.00 | | | N | |
| 315.0 | 318.0 | 95.00 | 100.00 | | | N | |
| 318.0 | 321.0 | 83.00 | 100.00 | | | N | |
| 321.0 | 324.0 | 88.00 | 100.00 | | | N | |
| 324.0 | 327.0 | 75.00 | 100.00 | | | N | |
| 327.0 | 330.0 | 93.00 | 100.00 | | | N | |
| 330.0 | 333.0 | 97.00 | 100.00 | | | N | |
| 333.0 | 336.0 | 88.00 | 100.00 | | | N | |
| 336.0 | 339.0 | 82.00 | 100.00 | | | N | |
| 339.0 | 342.0 | 92.00 | 100.00 | | | N | |
| 342.0 | 345.0 | 90.00 | 100.00 | | | N | |
| 345.0 | 348.0 | 97.00 | 100.00 | | | N | |
| 348.0 | 351.0 | 97.00 | 100.00 | | | N | |
| 351.0 | 354.0 | 93.00 | 100.00 | | | N | |
| 354.0 | 357.0 | 93.00 | 100.00 | | | N | |
| 357.0 | 360.0 | 90.00 | 100.00 | | | N | |
| 360.0 | 363.0 | 42.00 | 100.00 | | | N | |
| 363.0 | 366.0 | 80.00 | 100.00 | | | N | |
| 366.0 | 369.0 | 83.00 | 100.00 | | | N | |
| 369.0 | 372.0 | 87.00 | 100.00 | | | N | |
| 372.0 | 375.0 | 63.00 | 100.00 | | | N | |

**Hole number:** KLUC18-511

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 375.0 | 378.0 | 77.00 | 100.00 | | | N | |
| 378.0 | 381.0 | 67.00 | 100.00 | | | N | |
| 381.0 | 384.0 | 97.00 | 100.00 | | | N | |
| 384.0 | 387.0 | 95.00 | 100.00 | | | N | |
| 387.0 | 390.0 | 83.00 | 100.00 | | | N | |
| 390.0 | 393.0 | 57.00 | 100.00 | | | N | |
| 393.0 | 396.0 | 77.00 | 100.00 | | | N | |
| 396.0 | 399.0 | 80.00 | 100.00 | | | N | |
| 399.0 | 402.0 | 95.00 | 100.00 | | | N | |
| 402.0 | 405.0 | 90.00 | 100.00 | | | N | |
| 405.0 | 408.0 | 100.00 | 100.00 | | | N | |
| 408.0 | 411.0 | 100.00 | 100.00 | | | N | |
| 411.0 | 414.0 | 100.00 | 100.00 | | | N | |
| 414.0 | 417.0 | 80.00 | 100.00 | | | N | |
| 417.0 | 420.0 | 90.00 | 100.00 | | | N | |
| 420.0 | 423.0 | 93.00 | 100.00 | | | N | |
| 423.0 | 426.0 | 95.00 | 100.00 | | | N | |
| 426.0 | 429.0 | 75.00 | 100.00 | | | N | |
| 429.0 | 432.0 | 98.00 | 100.00 | | | N | |
| 432.0 | 435.0 | 100.00 | 100.00 | | | N | |
| 435.0 | 438.0 | 100.00 | 100.00 | | | N | |
| 438.0 | 441.0 | 80.00 | 100.00 | | | N | |
| 441.0 | 444.0 | 100.00 | 100.00 | | | N | |
| 444.0 | 447.0 | 95.00 | 100.00 | | | N | |
| 447.0 | 450.0 | 93.00 | 100.00 | | | N | |
| 450.0 | 453.0 | 95.00 | 100.00 | | | N | |
| 453.0 | 456.0 | 97.00 | 100.00 | | | N | |
| 456.0 | 459.0 | 95.00 | 100.00 | | | N | |

**Hole number:** KLUC18-511

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 459.0 | 462.0 | 98.00 | 100.00 | | | N | |
| 462.0 | 465.0 | 100.00 | 100.00 | | | N | |
| 465.0 | 468.0 | 100.00 | 100.00 | | | N | |
| 468.0 | 471.0 | 97.00 | 100.00 | | | N | |
| 471.0 | 474.0 | 98.00 | 100.00 | | | N | |
| 474.0 | 477.0 | 97.00 | 100.00 | | | N | |
| 477.0 | 480.0 | 100.00 | 100.00 | | | N | |
| 480.0 | 483.0 | 90.00 | 100.00 | | | N | |
| 483.0 | 486.0 | 100.00 | 100.00 | | | N | |
| 486.0 | 489.0 | 100.00 | 100.00 | | | N | |
| 489.0 | 492.0 | 100.00 | 100.00 | | | N | |
| 492.0 | 495.0 | 98.00 | 100.00 | | | N | |
| 495.0 | 498.0 | 100.00 | 100.00 | | | N | |
| 498.0 | 501.0 | 100.00 | 100.00 | | | N | |
| 501.0 | 504.0 | 100.00 | 100.00 | | | N | |
| 504.0 | 507.0 | 100.00 | 100.00 | | | N | |
| 507.0 | 510.0 | 100.00 | 100.00 | | | N | |
| 510.0 | 513.0 | 95.00 | 100.00 | | | N | |
| 513.0 | 516.0 | 100.00 | 100.00 | | | N | |
| 516.0 | 519.0 | 97.00 | 100.00 | | | N | |
| 519.0 | 522.0 | 100.00 | 100.00 | | | N | |
| 522.0 | 525.0 | 100.00 | 100.00 | | | N | |
| 525.0 | 528.0 | 97.00 | 100.00 | | | N | |
| 528.0 | 531.0 | 93.00 | 100.00 | | | N | |
| 531.0 | 534.0 | 97.00 | 100.00 | | | N | |
| 534.0 | 537.0 | 97.00 | 100.00 | | | N | |
| 537.0 | 540.0 | 98.00 | 100.00 | | | N | |
| 540.0 | 543.0 | 97.00 | 100.00 | | | N | |

**Hole number:** KLUC18-511

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 543.0 | 546.0 | 100.00 | 100.00 | | | N | |
| 546.0 | 549.0 | 100.00 | 100.00 | | | N | |
| 549.0 | 552.0 | 100.00 | 100.00 | | | N | |

AGNICO EAGLE

# DRILL HOLE REPORT

## EXPLORATION CANADA ONTARIO

**Hole number:** KLUC18-512 **Project Number:** U_Canada **Project name:** Upper Canada

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Historic hole number:** | | **Collar survey:** | Y | **From:** | 0.0 | **Coordinates:** | P |
| **System:** | METRIC | **Verified:** | | **To:** | 366.0 | **Grid:** | UTM83-17_CSRS-2010: |
| **Target:** | U_CANADA | **Gas:** | N | **Depth:** | 366.0 | **North:** | 5,332,401.01 |
| **No. Claim:** | | **Multishot survey:** | N | **Location:** | Surface | **East:** | 585,000.89 |
| **Year:** | 2 018 | **Is making water:** | N | **Core storage:** | Mine Site | **Elevation:** | 347.86 |
| **Date started:** | 2018-09-24 | **Object in hole:** | N | **Contractor:** | Asinii Drilling | **Collar dip:** | -45.13 |
| **Date logged:** | 2018-09-24 | **Pulse EM survey:** | N | **Logged by:** | Monica Oosterman | **Collar azimuth:** | 155.15 |
| **Date completed:** | 2018-09-25 | **Plugged:** | N | **Signature:** | Mélanie Bouchard | | |
| **Core size:** | NQ | **Cemented:** | N | | | | |
| **Hole type:** | DDH | **Branch:** | | | | | |
| **Casing:** | Pulled | **Reserve:** | | | | | |
| **Logging status:** | Signed | | | | | | |
| **Rig number:** | 0104 | | | | | | |

**Additionnal sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** First hole to test the MSO block which is currently adding ounces to the resource. Hole could be extended to test assays in the footwall ~300m downhole. Hole was planned ot a depth of 360m and drilled to 366. One hexagonal 9m core barrel
Blocking error in core, timesheets say that the hole ended at 360m but hole actually finished at 366m.

**Assay average**

| Average type | From | To | Length | Width | Zone | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Pb_ppm | Ni_ppm | As_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WEIGHTED | 214.5 | 221.8 | 7.3 | | | 2.672 | | | | | | |
| WEIGHTED | 216.0 | 219.0 | 3.0 | | | 4.985 | | | | | | |
| WEIGHTED | 321.0 | 326.5 | 5.5 | | | 0.868 | | | | | | |

**Survey data**

| Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments | Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 42.0 | 161.40 | -46.00 | EZ | O | 54459 | 72.0 | 159.80 | -45.60 | EZ | O | 54988 |
| 102.0 | 160.80 | -45.40 | EZ | O | 55162 | 132.0 | 158.50 | -44.90 | EZ | O | 53901 |
| 162.0 | 159.20 | -43.80 | EZ | O | 53664 | 192.0 | 158.90 | -43.20 | EZ | O | 54519 |
| 222.0 | 158.20 | -42.50 | EZ | O | 54861 | 252.0 | 159.50 | -40.80 | EZ | O | 54082 |
| 282.0 | 159.00 | -39.70 | EZ | O | 54246 | 312.0 | 158.60 | -38.80 | EZ | O | 54295 |
| 342.0 | 159.20 | -38.10 | EZ | O | 54264 | | | | | | |

## Hole number: KLUC18-512

| Certificate |
|---|
| TM18248925 |
| TM18248963 |
| TM18248974 |
| TM18253786 |
| TM18254065 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505D18-008 | Excaon1 | CAOND113006 - CAOND113081<br>CAOND113792 - CAOND114000<br>CAOND114501 - CAOND114563<br>CAOND115001 - CAOND115085<br>CAOND115165 - CAOND115195 |
| CXE5505D18-009 | Excaon1 | CAOND115086 - CAOND115164 |
| CXE5505D18-010 | Excaon1 | CAOND113082 - CAOND113312<br>CAOND113422 - CAOND113430<br>CAOND114564 - CAOND114743<br>CAOND115196 - CAOND115291<br>KLUC18-506_001 |
| CXE5505D18WRA-002 | Excaon2-WRA | CAOND113031<br>CAOND113047<br>CAOND115010<br>CAOND115193 |
| CXE5505D18WRA-003 | Excaon2-WRA | CAOND113297<br>CAOND115227 |

*The sample list may content samples from other holes

| Sample number | Standard |
|---|---|
| CAOND115015 | CDN-CM-24-AEM |
| CAOND115020 | BLANK-DB |
| CAOND115030 | CDN-GS-5U-AEM |
| CAOND115045 | CDN-CM-28-AEM |
| CAOND115060 | CDN-CM-24-AEM |
| CAOND115070 | BLANK-DB |
| CAOND115075 | CDN-GS-5U-AEM |
| CAOND115090 | CDN-CM-28-AEM |
| CAOND115115 | CDN-CM-24-AEM |
| CAOND115120 | BLANK-DB |
| CAOND115130 | CDN-GS-5U-AEM |
| CAOND115145 | CDN-CM-28-AEM |
| CAOND115160 | CDN-CM-24-AEM |
| CAOND115170 | BLANK-DB |
| CAOND115175 | CDN-GS-5U-AEM |
| CAOND115190 | CDN-CM-28-AEM |
| CAOND115215 | CDN-CM-24-AEM |
| CAOND115220 | BLANK-DB |
| CAOND115230 | CDN-GS-5U-AEM |
| CAOND115245 | CDN-CM-28-AEM |
| CAOND115260 | CDN-CM-24-AEM |
| CAOND115270 | BLANK-DB |
| CAOND115275 | CDN-GS-5U-AEM |
| CAOND115290 | CDN-CM-28-AEM |

**Major:** **From:** 0.00 **To:** 26.50 OVB, Overburden

Casing to 27m

**Major:** **From:** 26.50 **To:** 78.20 V8mtl, Trachyte mafic tuff lapilli

Mafic lapilli tuff (undeformed) - Fine grained black matrix which is strongly magnetic, dark pink angular fragments infilled with calcite with hematite. Unit is moderate foliated at 40-45. Fragments are stretched along foliation but still angular. 50% matrix 50% fragment. No significant pyrite. Alteration is selective to fragments, minor patches of pervasive hematite alteration. Minor calcite stringers which form along low angle joints. Gradational contacts. Undeformed

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115001 | 26.5 | 27.0 | 0.5 | 0.007 | | | | |
| KLUC18-512LC-001 | 27.0 | 28.5 | 1.5 | | | | | |
| CAOND115002 | 28.5 | 30.0 | 1.5 | 0.014 | | | | |
| CAOND115003 | 30.0 | 31.5 | 1.5 | 0.009 | | | | |
| CAOND115004 | 31.5 | 33.0 | 1.5 | 0.003 | | | | |

**Hole number:** KLUC18-512

72.00 - 73.00: PYR, DIS, .50, -, VFG, Dusting of pyrite

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS
26.50 - 78.20: HEM+, SEL, STRONG, RED2_BASIC, FGR, hemtite forms in fragments with calcite
27.00 - 33.50: HEM+, SEL, STRONG, RED2_BASIC, FGR, hematite forms in fragments with calcite
72.00 - 72.40: HEM+, PEN, STRONG, RED2_BASIC, FGR, possible syentite dyke

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
27.00 - 78.20: FOL, 40.00, MOD, alignement of fragments
72.40 - 73.00: FOL, 70.00, STRONG, rock is starting to look banded

**VEIN**
TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS
33.90 - 34.00: QTZ, 1.00, 40.00, 1.00, MAS, GRY_00025, PYR, .10, wavy irregular quartz vein with 20 cm alteration halo of hematite and chlorite

**MINERAL**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
26.50 - 78.20: MAG, DIS, -, -, VFG, -
26.50 - 78.20: CAL, FRF, -, -, VFG, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115005 | 33.0 | 34.0 | 1.0 | 0.017 | | | | |
| CAOND115006 | 34.0 | 35.5 | 1.5 | 0.020 | | | | |
| CAOND115007 | 35.5 | 37.0 | 1.5 | 0.021 | | | | |
| CAOND115008 | 37.0 | 38.5 | 1.5 | 0.019 | | | | |
| CAOND115009 | 38.5 | 40.0 | 1.5 | 0.016 | | | | |
| CAOND115011 | 41.5 | 43.0 | 1.5 | 0.014 | | | | |
| CAOND115012 | 43.0 | 44.5 | 1.5 | 0.011 | | | | |
| CAOND115013 | 44.5 | 46.0 | 1.5 | 0.010 | | | | |
| CAOND115014 | 46.0 | 47.5 | 1.5 | 0.010 | | | | |
| CAOND115016 | 47.5 | 49.0 | 1.5 | 0.027 | | | | |
| CAOND115017 | 49.0 | 50.5 | 1.5 | 0.018 | | | | |
| CAOND115018 | 50.5 | 52.0 | 1.5 | 0.015 | | | | |
| CAOND115019 | 52.0 | 53.5 | 1.5 | 0.009 | | | | |
| CAOND115021 | 53.5 | 55.0 | 1.5 | 0.005 | | | | |
| CAOND115022 | 55.0 | 56.4 | 1.4 | 0.013 | | | | |
| CAOND115023 | 56.4 | 57.6 | 1.3 | 0.003 | | | | |
| CAOND115024 | 57.6 | 59.0 | 1.4 | 0.007 | | | | |
| CAOND115026 | 59.0 | 60.5 | 1.5 | 0.013 | | | | |
| CAOND115027 | 60.5 | 62.0 | 1.5 | 0.003 | | | | |
| CAOND115028 | 62.0 | 63.5 | 1.5 | 0.008 | | | | |
| CAOND115029 | 63.5 | 65.0 | 1.5 | 0.006 | | | | |
| CAOND115031 | 65.0 | 66.5 | 1.5 | 0.006 | | | | |
| CAOND115032 | 66.5 | 68.0 | 1.5 | 0.007 | | | | |
| CAOND115033 | 68.0 | 69.5 | 1.5 | 0.003 | | | | |
| CAOND115034 | 69.5 | 71.0 | 1.5 | 0.017 | | | | |
| CAOND115035 | 71.0 | 72.0 | 1.0 | 0.009 | | | | |
| CAOND115036 | 72.0 | 73.0 | 1.0 | 0.062 | | | | |
| CAOND115037 | 73.0 | 74.5 | 1.5 | 0.007 | | | | |
| CAOND115038 | 74.5 | 76.0 | 1.5 | 0.006 | | | | |
| CAOND115039 | 76.0 | 77.1 | 1.1 | 0.011 | | | | |
| CAOND115040 | 77.1 | 78.2 | 1.1 | 0.003 | | | | |

**Major:** **From:** 78.20 **To:** 80.70 I2Dm, Mafic Syenite

Dark brick red, fine grained, massive, strongly magnetic, strongly hematitized. Wisps of chlorite forming

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115041 | 78.2 | 79.5 | 1.3 | 0.013 | | | | |

## Hole number: KLUC18-512

along foliation (50 degrees), No signifcant pyrite, joint set from 78.7-79m infilled with quartz and calcite, form at low angles (30). sharp upper contact at 60 and gradational lower contact. Strong pervasive calcite.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

78.20 - 80.70: HEM+, SEL, STRONG, RED2_BASIC, FGR, hemtite forms in fragments with calcite

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

78.20 - 80.70: FOL, 40.00, MOD, alignement of fragments

**MINERAL**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

78.20 - 80.70: MAG, DIS, -, -, VFG, -

78.20 - 80.70: CAL, FRF, -, -, VFG, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115042 | 79.5 | 80.7 | 1.3 | 0.021 | | | | |

**Major:** **From:** 80.70 **To:** 113.90 V8mtl, Trachyte mafic tuff lapilli

weakly mineralized mafic lapilli tuff (undeformed) - Fine grained black matrix which is strongly magnetic, light pink angular fragments infilled with calcite with hematite. Unit is moderate foliated at 40-45. Fragments are stretched along foliation but still angular. 50% matrix 50% fragment. Sojme tuff segments. Patchy very fine grained pyrite tr to 1%. Alteration is selective to fragments, minor patches of pervasive hematite alteration. Gradational contacts. Undeformed

**MINOR INTERVAL**

99.90 - 100.70: I2DBrick red fine grained syentite with intense irregular crackle fractures infilled with calcite + minor quartz. 0.5% pyrite.

**MINOR INTERVAL**

103.05 - 103.90: I2DBrick red fine grained syentite with crackle fractures infilled with calcite and quartz, breccia at lower contact

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

80.70 - 113.90: PYR, DIS, .25, -, VFG, patches of very fine grained disseminated sulphides

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

80.70 - 113.90: HEM+, SEL, STRONG, RED2_BASIC, FGR, hemtite forms in fragments with calcite

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

80.70 - 113.90: FOL, 40.00, MOD, alignement of fragments

**VEIN**

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115043 | 80.7 | 82.0 | 1.3 | 0.011 | | | | |
| CAOND115044 | 82.0 | 83.3 | 1.3 | 0.005 | | | | |
| CAOND115046 | 83.3 | 85.0 | 1.7 | 0.007 | | | | |
| CAOND115047 | 85.0 | 86.5 | 1.5 | 0.003 | | | | |
| CAOND115048 | 86.5 | 88.0 | 1.5 | 0.006 | | | | |
| CAOND115049 | 88.0 | 89.5 | 1.5 | 0.019 | | | | |
| CAOND115051 | 89.5 | 91.0 | 1.5 | 0.027 | | | | |
| CAOND115052 | 91.0 | 92.5 | 1.5 | 0.003 | | | | |
| CAOND115053 | 92.5 | 94.0 | 1.5 | 0.008 | | | | |
| CAOND115054 | 94.0 | 95.3 | 1.3 | 0.003 | | | | |
| CAOND115055 | 95.3 | 96.6 | 1.3 | 0.017 | | | | |
| CAOND115056 | 96.6 | 98.0 | 1.4 | 0.020 | | | | |
| CAOND115057 | 98.0 | 99.0 | 1.0 | 0.009 | | | | |
| CAOND115058 | 99.0 | 99.9 | 0.9 | 0.015 | | | | |
| CAOND115059 | 99.9 | 100.7 | 0.8 | 0.036 | | | | |
| CAOND115061 | 100.7 | 102.0 | 1.3 | 0.034 | | | | |
| CAOND115062 | 102.0 | 103.1 | 1.1 | 0.017 | | | | |
| CAOND115063 | 103.1 | 103.9 | 0.9 | 0.243 | | | | |
| CAOND115064 | 103.9 | 105.4 | 1.5 | 0.336 | | | | |
| CAOND115065 | 105.4 | 106.5 | 1.1 | 0.073 | | | | |

## Hole number: KLUC18-512

103.05 - 103.60: QTZ_2, 5.00, 30.00, .50, FRA, GRY_00025, PYR, .50, crackle fractures in syenite

**MINERAL**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
80.70 - 113.90: MAG, DIS, -, -, VFG, -
80.70 - 113.90: CAL, FRF, -, -, VFG, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115066 | 106.5 | 108.0 | 1.5 | 0.022 | | | | |
| CAOND115067 | 108.0 | 109.5 | 1.5 | 0.012 | | | | |
| CAOND115068 | 109.5 | 111.0 | 1.5 | 0.003 | | | | |
| CAOND115069 | 111.0 | 112.5 | 1.5 | 0.007 | | | | |
| CAOND115071 | 112.5 | 113.9 | 1.4 | 0.193 | | | | |

**Major: From:** 113.90 **To:** 131.50 V8t, Trachytic tuff

trachyte tuff (weakly deformed) Light gray green, moderately foliated @50 degrees, non magnetic, moderate calcite, uniform looking, Laminated looking in place, calcite from interstital and as foliation parallel stringers and patches of calcite. Isolated fold nose noted in one location (structure table). minor sporadic 0.5 cm wide quartz stringers which form roughly parallel to foliation. Pervasive moderate sercite alteration bleaching unit. Very minor dusting of pyrite.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
113.90 - 131.50: PYR, DIS, .10, -, VFG, minor sulphides

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS
113.90 - 131.50: SER+, PEN, STRONG, GRN2_BASIC, FGR, -

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
113.90 - 131.50: FOL, 50.00, WEAK, Weakly deformed
116.60 - 116.85: FLD, -, -, Fold nose

**VEIN**
TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS
129.50 - 130.00: QTZ_2, 1.00, 50.00, 1.00, -, GRY_00025, PYR, .30, wavy quartz stringer with some calcite form along folaiton, wall rock contians some pyrite

**MINERAL**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
113.90 - 131.50: CAL, FRF, -, -, VFG, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115072 | 113.9 | 115.0 | 1.1 | 0.056 | | | | |
| CAOND115073 | 115.0 | 116.5 | 1.5 | 0.041 | | | | |
| CAOND115074 | 116.5 | 118.0 | 1.5 | 0.014 | | | | |
| CAOND115076 | 118.0 | 119.5 | 1.5 | 0.009 | | | | |
| CAOND115077 | 119.5 | 121.0 | 1.5 | 0.005 | | | | |
| CAOND115078 | 121.0 | 122.5 | 1.5 | 0.005 | | | | |
| CAOND115079 | 122.5 | 124.0 | 1.5 | 0.003 | | | | |
| CAOND115081 | 124.0 | 125.5 | 1.5 | 0.005 | | | | |
| CAOND115082 | 125.5 | 127.0 | 1.5 | 0.005 | | | | |
| CAOND115083 | 127.0 | 128.5 | 1.5 | 0.003 | | | | |
| CAOND115084 | 128.5 | 129.5 | 1.0 | 0.007 | | | | |
| CAOND115085 | 129.5 | 130.0 | 0.5 | 0.023 | | | | |
| CAOND115086 | 130.0 | 131.5 | 1.5 | 0.017 | | | | |

**Major: From:** 131.50 **To:** 164.00 V8tl, Trachytic lapilli tuff

Weakly mineralized lapilli tuff + veins moderately deformed - light gray green, fragment supported, fine grained dark gray green matrix. Quartz/calcite vein in general form along fabric of rock some are dismembered, average vein is <0.5cm max is 10 cm. <1% vein. Fabric defined by alignement of fragments which give the rock a banded appearance. No magnetite, weak to no calcite, fragments aligned along foliation 55 degree. Trace disseminated dusting of pyrite (0.1-0.5%).

**MINERALIZATION**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115087 | 131.5 | 133.0 | 1.5 | 0.003 | | | | |
| CAOND115088 | 133.0 | 134.5 | 1.5 | 0.007 | | | | |
| CAOND115089 | 134.5 | 136.0 | 1.5 | 0.006 | | | | |
| CAOND115091 | 136.0 | 137.5 | 1.5 | 0.009 | | | | |

## Hole number: KLUC18-512

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
131.50 - 164.00: PYR, DIS, .10, -, VFG, minor sulphides

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS
131.50 - 163.85: SER+, PEN, STRONG, GRN2_BASIC, FGR, -
163.85 - 164.00: CHL+, SEL, STRONG, GRN2_BASIC, VFG, matrix altered to chlorite
163.85 - 164.00: DOL+, PAT, STRONG, GRY_00025, VFG, psudomorph of fragments.

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
131.50 - 148.00: FOL, 50.00, WEAK, Weakly deformed
148.00 - 164.00: FOL, 50.00, STRONG, Fragments are actenuated giving rock a banded appearance.
151.10 - 152.75: MNC, 60.00, MOD, -

**VEIN**
TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS
145.20 - 146.25: QTZ_2, 30.00, 50.00, 1.00, -, GRY_00025, PYR, .10, Dusting of sulphides in wall rock, quartz veins form parallel to foliation
150.60 - 163.85: QTZ_2, 1.00, 60.00, -, -, -, -, -, stringers range in width, and form sporadically through out unit. some are dismembered
163.85 - 164.00: QTZ_2, 30.00, 60.00, -, -, -, -, -, quartz calcite flooding of rock above fault gauge

**MINERAL**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
131.50 - 159.00: CAL, FRF, -, -, VFG, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115092 | 137.5 | 139.0 | 1.5 | 0.014 | | | | |
| CAOND115093 | 139.0 | 140.5 | 1.5 | 0.012 | | | | |
| CAOND115094 | 140.5 | 142.0 | 1.5 | 0.010 | | | | |
| CAOND115095 | 142.0 | 143.5 | 1.5 | 0.013 | | | | |
| CAOND115096 | 143.5 | 145.0 | 1.5 | 0.007 | | | | |
| CAOND115097 | 145.0 | 146.3 | 1.3 | 0.008 | | | | |
| CAOND115098 | 146.3 | 147.0 | 0.8 | 0.014 | | | | |
| CAOND115099 | 147.0 | 148.0 | 1.0 | 0.010 | | | | |
| CAOND115101 | 148.0 | 149.5 | 1.5 | 0.003 | | | | |
| CAOND115102 | 149.5 | 150.6 | 1.1 | 0.010 | | | | |
| CAOND115103 | 150.6 | 151.1 | 0.5 | 0.008 | | | | |
| CAOND115104 | 151.1 | 152.0 | 0.9 | 0.011 | | | | |
| CAOND115105 | 152.0 | 152.8 | 0.8 | 0.013 | | | | |
| CAOND115106 | 152.8 | 154.0 | 1.3 | 0.146 | | | | |
| CAOND115107 | 154.0 | 155.6 | 1.6 | 0.193 | | | | |
| CAOND115108 | 155.6 | 157.0 | 1.4 | 0.016 | | | | |
| CAOND115109 | 157.0 | 158.5 | 1.5 | 0.009 | | | | |
| CAOND115110 | 158.5 | 160.0 | 1.5 | 0.020 | | | | |
| CAOND115111 | 160.0 | 161.5 | 1.5 | 0.009 | | | | |
| CAOND115112 | 161.5 | 163.0 | 1.5 | 0.014 | | | | |
| CAOND115113 | 163.0 | 164.0 | 1.0 | 0.015 | | | | |

**Major:** **From:** 164.00 **To:** 182.60 fltzn, fault zone

Ductile and brittle deformation of trachyte (tuffs and lapilli??) - White and green gray, fine grained, strongly foliated to chaotic. Series of fault gauge, brecciation, mylonite and strongly deformed veins, variable textures. Veins are intense towards the bottom of hole Segments of the rock are noted as dolimatized lappilli tuffs and tuffs. Strong cholorite alteration which forms in the matrix. Fragments are dolimatized and are rounded with diffuse edges fragments are aligned at 60 degrees. ghost like fragments. Unit is very strongly altered. Very mininal sulphides form in trace amounts less sulphides then above unit. Unit is not magnetic and does not contian calcite.

**TEXTURE**
TYPE/GRAIN_SIZE/COMMENTS
168.00 - 169.40: CAO, -, -
181.25 - 182.60: CAO, -, -

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115114 | 164.0 | 165.5 | 1.5 | 0.007 | | | | |
| CAOND115116 | 165.5 | 167.0 | 1.5 | 0.011 | | | | |
| CAOND115117 | 167.0 | 168.5 | 1.5 | 0.011 | | | | |
| CAOND115118 | 168.5 | 170.0 | 1.5 | 0.029 | | | | |
| CAOND115119 | 170.0 | 171.5 | 1.5 | 0.009 | | | | |
| CAOND115121 | 171.5 | 172.5 | 1.0 | 0.024 | | | | |
| CAOND115122 | 172.5 | 173.1 | 0.6 | 0.015 | | | | |
| CAOND115123 | 173.1 | 174.4 | 1.3 | 0.038 | | | | |
| CAOND115124 | 174.4 | 175.9 | 1.5 | 0.033 | | | | |
| CAOND115126 | 175.9 | 177.3 | 1.4 | 0.028 | | | | |
| CAOND115127 | 177.3 | 178.7 | 1.4 | 0.024 | | | | |

## Hole number: KLUC18-512

164.00 - 182.60: CHL+, SEL, STRONG, GRN2_BASIC, VFG, matrix altered to chlorite
164.00 - 182.60: DOL+, PAT, STRONG, GRY_00025, VFG, psudomorph of fragments.

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
164.00 - 164.70: GGE, 70.00, -, -
169.40 - 169.70: BRC, -, -, -
171.00 - 172.00: BRR, -, -, -
176.50 - 177.25: MNC, 60.00, STRONG, Ribbony looking
177.25 - 182.60: FOL, 50.00, STRONG, -

**VEIN**
TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS
172.70 - 173.10: QtzDol, 40.00, 20.00, -, -, -, -, -, -
181.25 - 182.60: QtzDol, 70.00, 70.00, -, CAO, GRY_00025, -, -, deformed quartz calcite veins

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115128 | 178.7 | 180.5 | 1.9 | 0.026 | | | | |
| CAOND115129 | 180.5 | 181.3 | 0.8 | 0.060 | | | | |
| CAOND115131 | 181.3 | 182.6 | 1.4 | 0.023 | | | | |

**Major:** **From:** 182.60 **To:** 192.30 V8mt, Trachyte mafic tuff

Strongly deformed Mafic lapilli tuff - Dark gray green black, strongly foliated at 50 degrees, moderately magnetic, strong calcite. Mainly matrix material with thin wisps of hematite and calcite which are thought to be stretched fragments. Upper contact is sharp at 50 and lower contact is faulted.

**TEXTURE**
TYPE/GRAIN_SIZE/COMMENTS
182.60 - 184.80: CAO, -, -

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS
182.60 - 192.30: CHL+, SEL, STRONG, GRN2_BASIC, VFG, matrix altered to fine grained chlorite.

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
182.60 - 192.30: FOL, 50.00, STRONG, -

**VEIN**
TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS
182.60 - 184.80: QtzDol, 30.00, 70.00, 1.00, CAO, GRY_00025, -, -, Thinner veins

**MINERAL**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
184.80 - 192.30: MAG, DIS, -, -, VFG, weak to moderate
184.80 - 192.30: CAL, PEN, -, -, VFG, pervasive and with veins.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115132 | 182.6 | 184.0 | 1.4 | 0.014 | | | | |
| CAOND115133 | 184.0 | 184.8 | 0.8 | 0.023 | | | | |
| CAOND115134 | 184.8 | 186.0 | 1.2 | 0.082 | | | | |
| CAOND115135 | 186.0 | 187.5 | 1.5 | 0.031 | | | | |
| CAOND115136 | 187.5 | 189.0 | 1.5 | 0.025 | | | | |
| CAOND115137 | 189.0 | 190.5 | 1.5 | 0.016 | | | | |
| CAOND115138 | 190.5 | 191.5 | 1.0 | 0.003 | | | | |
| CAOND115139 | 191.5 | 192.3 | 0.8 | 0.003 | | | | |

## Hole number: KLUC18-512

**Major:** **From:** 192.30 **To:** 193.65 flt, Fault

Fault gauge at contact between trachyte and syenite.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

192.30 - 193.63: CHL+, SEL, STRONG, GRN2_BASIC, VFG, matrix altered to fine grained chlorite.
193.63 - 193.65: HEM+, PEN, STRONG, -, -, -

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

192.30 - 192.70: GGE, 70.00, -, -
192.70 - 193.65: BRR, -, STRONG, and gauge

**MINERAL**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

192.30 - 193.65: MAG, DIS, -, -, VFG, weak to moderate
192.30 - 193.65: CAL, PEN, -, -, VFG, pervasive and with veins.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115140 | 192.3 | 193.7 | 1.4 | 0.009 | | | | |

**Major:** **From:** 193.65 **To:** 195.40 I2D, Syénite

Weakly deformed syenite - Brick red, strongly foliated at 50 degrees, medium grained, strong calcite, and hematite alteration. wisps of chorite forma along foliation. No visible sulphides. faulted upper contadcct sharp lower contact at 70 degrees. Blocky core

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

193.65 - 195.40: HEM+, PEN, STRONG, -, -, -

**MINERAL**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

193.65 - 195.40: MAG, DIS, -, -, VFG, weak to moderate
193.65 - 195.40: CAL, PEN, -, -, VFG, pervasive and with veins.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115141 | 193.7 | 194.7 | 1.0 | 0.003 | | | | |
| CAOND115142 | 194.7 | 195.4 | 0.8 | 0.010 | | | | |

**Major:** **From:** 195.40 **To:** 207.00 I2Dm, Mafic Syenite

Sheared Mafic syentite - Dark green black with streaks of pink (hemaite + calcite) formed along foliation. Stronly magnetic, strongly foliated @ 50, fine grained, no sulphdides to minor patches of pyrite. several fault gauge noted in the unit. In general unit is very uniform in appearnce. Unit is soft, possible chlorite alteration and weak hematite alteration. Sharp upper contact at 70 degree, same unit below with quartz carbonate veins.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

195.40 - 195.45: HEM+, PEN, STRONG, -, -, -
195.45 - 207.00: CHL+, PEN, MOD, GRN2_BASIC, VFG, -

**STRUCTURE**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115143 | 195.4 | 196.5 | 1.1 | 0.013 | | | | |
| CAOND115144 | 196.5 | 198.0 | 1.5 | 0.067 | | | | |
| CAOND115146 | 198.0 | 199.5 | 1.5 | 0.009 | | | | |
| CAOND115147 | 199.5 | 201.0 | 1.5 | 0.005 | | | | |
| CAOND115148 | 201.0 | 202.5 | 1.5 | 0.009 | | | | |
| CAOND115149 | 202.5 | 204.0 | 1.5 | 0.014 | | | | |
| CAOND115151 | 204.0 | 205.5 | 1.5 | 0.009 | | | | |
| CAOND115152 | 205.5 | 207.0 | 1.5 | 0.017 | | | | |

**Hole number:** KLUC18-512

TYPE/CORE_ORIENT/INTENSITY/COMMENTS
195.70 - 196.00: GGE, -, -, -
199.30 - 199.35: GGE, -, -, -
199.60 - 199.70: GGE, 70.00, -, -
200.20 - 202.50: GGE, -, -, -
205.40 - 205.50: GGE, 70.00, -, -
206.00 - 206.30: GGE, 70.00, -, -

**MINERAL**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
195.40 - 207.00: MAG, DIS, -, -, VFG, weak to moderate
195.40 - 207.00: CAL, PEN, -, -, VFG, pervasive and with veins.

**Major:** **From:** 207.00 **To:** 210.40 VN, Veine

Mafic sheared syenite with array of quartz calcite veins - Fine grained, chloritic matrix (mafic syentite) with pink and white veinlets veinlets are weakly deformed. trace amounts of pyrite in the matrix. Veinlets from at 50 degrees averagte is 1cm wide and widest vein is 25cm. Veins appear dry.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS
207.00 - 210.40: CHL+, PEN, MOD, GRN2_BASIC, VFG, -

**VEIN**
TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS
207.00 - 210.40: QTZ_2, 15.00, 70.00, 1.00, MAS, PNK2_BASIC, PYR, .30, pink white wavy quartz +calcite veins. Thought to be the undeformed equivalent of the above veins.

**MINERAL**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
207.00 - 210.40: CAL, PEN, -, -, VFG, pervasive and with veins.
210.00 - 210.40: MAG, -, -, -, VFG, strong

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115153 | 207.0 | 208.1 | 1.1 | 0.169 | | | | |
| CAOND115154 | 208.1 | 209.4 | 1.3 | 0.010 | | | | |
| CAOND115155 | 209.4 | 210.4 | 1.0 | 0.142 | | | | |

**Major:** **From:** 210.40 **To:** 254.75 I2Dm, Mafic Syenite

Mafic syentite - Dark black, with minor patches of pink hematite alteration. Stronly magnetic, in general unit is massive, with minor segments which which are schistose. Fine grained minor sulphides, in general barren. Unit is soft, possible chlorite alteration and weak hematite alteration. Irregular veinlest of quartz calcite hematite are seen through out unit. Orientation are variable. Some veinlets are wavy and some are controlled by fractures. Contacts are gradational

**MINOR INTERVAL**
218.60 - 221.80: V8t

**MINOR INTERVAL**
221.80 - 224.80: I2DBrick red syentite possibly just alteration no sharp contacts seen.

**TEXTURE**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115156 | 210.4 | 211.9 | 1.5 | 0.141 | | | | |
| CAOND115157 | 211.9 | 213.0 | 1.1 | 0.179 | | | | |
| CAOND115158 | 213.0 | 214.5 | 1.5 | 0.270 | | | | |
| CAOND115159 | 214.5 | 216.0 | 1.5 | 0.558 | | | | |
| CAOND115161 | 216.0 | 217.5 | 1.5 | 5.130 | | | | |
| CAOND115162 | 217.5 | 219.0 | 1.5 | 4.840 | | | | |
| CAOND115163 | 219.0 | 220.5 | 1.5 | 1.785 | | | | |
| CAOND115164 | 220.5 | 221.8 | 1.3 | 0.796 | | | | |

## Hole number: KLUC18-512

TYPE/GRAIN_SIZE/COMMENTS
240.10 - 240.60: XNT, -, Conglomerate

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS
210.40 - 254.75: CHL+, PEN, MOD, GRN2_BASIC, VFG, -
249.80 - 250.70: CHL+, PEN, STRONG, RED_00001, VFG, Sheared mafic
254.00 - 254.75: CHL+, PEN, STRONG, RED_00001, VFG, sheared mafic

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
210.40 - 254.75: FOL, 50.00, -, moderate foliation to massive.
248.00 - 248.55: FOL, 60.00, STRONG, increased fabric
249.80 - 250.70: SCH, 50.00, -, -
254.00 - 254.75: SCH, -, -, -

**MINERAL**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
210.40 - 254.75: CAL, PEN, -, -, VFG, pervasive and with veins.
210.40 - 254.75: MAG, -, -, -, VFG, strong

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115165 | 221.8 | 222.8 | 1.0 | 0.051 | | | | |
| CAOND115166 | 222.8 | 224.0 | 1.2 | 0.003 | | | | |
| CAOND115167 | 224.0 | 225.5 | 1.5 | 0.026 | | | | |
| CAOND115168 | 225.5 | 227.0 | 1.5 | 0.019 | | | | |
| CAOND115169 | 227.0 | 228.5 | 1.5 | 0.279 | | | | |
| CAOND115171 | 228.5 | 230.0 | 1.5 | 0.087 | | | | |
| CAOND115172 | 230.0 | 231.5 | 1.5 | 0.253 | | | | |
| CAOND115173 | 231.5 | 233.0 | 1.5 | 0.095 | | | | |
| CAOND115174 | 233.0 | 234.5 | 1.5 | 0.077 | | | | |
| CAOND115176 | 234.5 | 236.0 | 1.5 | 0.024 | | | | |
| CAOND115177 | 236.0 | 237.5 | 1.5 | 0.220 | | | | |
| CAOND115178 | 237.5 | 239.0 | 1.5 | 0.067 | | | | |
| CAOND115179 | 239.0 | 240.5 | 1.5 | 0.012 | | | | |
| CAOND115181 | 240.5 | 242.0 | 1.5 | 0.221 | | | | |
| CAOND115182 | 242.0 | 243.5 | 1.5 | 0.069 | | | | |
| CAOND115183 | 243.5 | 245.0 | 1.5 | 0.010 | | | | |
| CAOND115184 | 245.0 | 246.5 | 1.5 | 0.012 | | | | |
| CAOND115185 | 246.5 | 248.0 | 1.5 | 0.030 | | | | |
| CAOND115186 | 248.0 | 249.5 | 1.5 | 0.051 | | | | |
| CAOND115187 | 249.5 | 250.7 | 1.2 | 0.047 | | | | |
| CAOND115188 | 250.7 | 251.6 | 0.9 | 0.013 | | | | |
| CAOND115189 | 251.6 | 252.5 | 0.9 | 0.003 | | | | |
| CAOND115191 | 252.5 | 254.0 | 1.5 | 0.003 | | | | |
| CAOND115192 | 254.0 | 254.8 | 0.8 | 0.028 | | | | |

**Major:** **From:** 254.75 **To:** 274.75 V8t, Trachytic tuff

Weakly mineralized trachyte tuff - Ligtht green gray, salt and paper, stronlgy foliated at 50 degrees, medium grained, laminated, stronlgy magnetic, trace sulphides. Pyrite is seen in higher concentrations rimming thin carbonate/quartz stringer (stringers are wavy). minor calcite seen in fractures, Weak sercite alteration, possible chorite. Area of schistose rock logged in structure tab. Gradational contacts

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
254.75 - 274.75: PYR, DIS, .10, -, VFG, Seen rimming thing quartz carbonate veinlets

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115194 | 256.0 | 257.5 | 1.5 | 0.008 | | | | |
| CAOND115195 | 257.5 | 259.0 | 1.5 | 0.012 | | | | |
| CAOND115196 | 259.0 | 260.3 | 1.3 | 0.010 | | | | |
| CAOND115197 | 260.3 | 261.0 | 0.7 | 0.003 | | | | |
| CAOND115198 | 261.0 | 262.5 | 1.5 | 0.026 | | | | |
| CAOND115199 | 262.5 | 264.0 | 1.5 | 0.044 | | | | |
| CAOND115201 | 264.0 | 265.5 | 1.5 | 0.022 | | | | |
| CAOND115202 | 265.5 | 267.0 | 1.5 | 0.011 | | | | |

**Hole number:** KLUC18-512

254.75 - 274.75: CHL+, SEL, MOD, GRN2_BASIC, VFG, -

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
254.75 - 274.75: FOL, 50.00, MOD, -

**VEIN**
TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS
260.30 - 260.60: QtzDol, 10.00, 60.00, .50, WIS, GRY_00025, -, -, Wormy veins with strong hematite alteration.

**MINERAL**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
254.75 - 261.00: MAG, -, -, -, VFG, strong

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115203 | 267.0 | 268.5 | 1.5 | 0.007 | | | | |
| CAOND115204 | 268.5 | 270.0 | 1.5 | 0.068 | | | | |
| CAOND115205 | 270.0 | 271.5 | 1.5 | 0.019 | | | | |
| CAOND115206 | 271.5 | 273.0 | 1.5 | 0.057 | | | | |
| CAOND115207 | 273.0 | 273.8 | 0.8 | 0.078 | | | | |
| CAOND115208 | 273.8 | 274.8 | 1.0 | 0.037 | | | | |

**Major:** **From:** 274.75 **To:** 285.30 I2Dp, Porphyritic Syenite

Altered porphyrtic syentite - light pink, medium grained, massive, weakly magnetic to non magnetic, wispy sercite alterteraion forming in matrix. Syentite appears to quartz eyes and feldpsar phenocryst in general are weakly aligned @ 50 degrees. Unit odd spk of pyrite but in general is barren. Hairline dolmite/quartz stringers, appear to be fracture infills @ 50 degrees. So lower angle more irregular carbonate fracture are noted. total stringers are less then 1%

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
274.75 - 285.30: PYR, DIS, .10, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115209 | 274.8 | 276.0 | 1.3 | 0.109 | | | | |
| CAOND115210 | 276.0 | 277.5 | 1.5 | 0.018 | | | | |
| CAOND115211 | 277.5 | 279.0 | 1.5 | 0.015 | | | | |
| CAOND115212 | 279.0 | 280.5 | 1.5 | 0.018 | | | | |
| CAOND115213 | 280.5 | 282.0 | 1.5 | 0.014 | | | | |
| CAOND115214 | 282.0 | 283.5 | 1.5 | 0.003 | | | | |
| CAOND115216 | 283.5 | 284.4 | 0.9 | 0.003 | | | | |
| CAOND115217 | 284.4 | 285.3 | 0.9 | 0.003 | | | | |

**Major:** **From:** 285.30 **To:** 286.50 S1, CONGLOMÉRAT

Mineralized weakly deformed conglomerate - Clast supported; is characterized by a mature mix of rounded; sherical to oval; heterolithic pebbles averaging about 1- 3cm composed mainly of alkalic lithologies as indicated by the dominace of orange/ pink coloured clasts. Most clasts are fine grained/ aphanitic; with some medium grained and porphyritic clasts along with rare jasper pebbles. The martix consists of fine grained choritic composition. Mineralization; consisting or disseminations and clusters of pyrite and seen in matrix, one cluster of chalcopyrite also seen rimming fragment. Overal sulphide is trace amounts

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
285.30 - 286.50: PYR, WIS, .30, -, VFG, disseminated pyrite in wacke not seen in conglomerate

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
285.30 - 286.50: FOL, 60.00, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115218 | 285.3 | 286.5 | 1.2 | 0.059 | | | | |

## Hole number: KLUC18-512

**Major:** **From:** 286.50 **To:** 287.50 S3, GRAUWACKE

Graywacke - fine grained, weakly foliated at 50 degrees, gray green, uniform unit. homogenous with minor clasts. Non-magnetic and no calcite. Patchy bleaching alteration thought to be strong sercite. Irregular wormy thin carbonate +/-Calcite . unit contians trace disseminated pyrite with up to 0.5%pyrite.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

286.50 - 287.50: PYR, WIS, .30, -, VFG, disseminated pyrite in wacke not seen in conglomerate

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

286.50 - 287.50: FOL, 60.00, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115219 | 286.5 | 287.5 | 1.0 | 0.014 | | | | |

**Major:** **From:** 287.50 **To:** 288.00 S1, CONGLOMÉRAT

Mineralized weakly deformed conglomerate - Clast supported; is characterized by a mature mix of rounded; sherical to oval; heterolithic pebbles averaging about 1- 3cm composed mainly of alkalic lithologies as indicated by the dominace of orange/ pink coloured clasts. Most clasts are fine grained/ aphanitic; with some medium grained and porphyritic clasts along with rare jasper pebbles. The martix consists of fine grained choritic composition.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

287.50 - 288.00: PYR, WIS, .30, -, VFG, disseminated pyrite in wacke not seen in conglomerate

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

287.50 - 288.00: FOL, 60.00, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115221 | 287.5 | 288.0 | 0.5 | 0.442 | | | | |

**Major:** **From:** 288.00 **To:** 301.80 S3, GRAUWACKE

Graywacke - fine grained, weakly foliated at 50 degrees, gray green, uniform unit. homogenous with minor clasts. Non-magnetic and no calcite. Patchy bleaching alteration thought to be strong sercite. Irregular wormy thin carbonate +/-Calcite . unit contians trace disseminated pyrite with up to 0.5%pyrite.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

288.00 - 301.80: PYR, WIS, .30, -, VFG, disseminated pyrite in wacke not seen in conglomerate

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

297.85 - 299.30: DOL+, SEL, STRONG, GRY_00025, VCG, Selective strong alteration in fractures and in clasts, moderate alteration pervasive throughout unitl

**STRUCTURE**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115222 | 288.0 | 289.5 | 1.5 | 0.011 | | | | |
| CAOND115223 | 289.5 | 291.0 | 1.5 | 0.035 | | | | |
| CAOND115224 | 291.0 | 292.5 | 1.5 | 0.107 | | | | |
| CAOND115226 | 292.5 | 294.0 | 1.5 | 0.016 | | | | |
| CAOND115228 | 295.5 | 297.0 | 1.5 | 0.093 | | | | |
| CAOND115229 | 297.0 | 297.9 | 0.9 | 0.065 | | | | |
| CAOND115231 | 297.9 | 299.3 | 1.4 | 0.089 | | | | |
| CAOND115232 | 299.3 | 300.6 | 1.3 | 0.056 | | | | |
| CAOND115233 | 300.6 | 301.8 | 1.2 | 0.089 | | | | |

**Hole number:** KLUC18-512

TYPE/CORE_ORIENT/INTENSITY/COMMENTS
288.00 - 301.80: FOL, 60.00, -, -

**Major:** **From:** 301.80 **To:** 304.50 S1, CONGLOMÉRAT

Weakly deformed conglomerate - Matrix supported; is characterized by a mature mix of rounded; sherical to oval; heterolithic pebbles averaging about 1- 3cm composed mainly of alkalic lithologies as indicated by the dominace of orange/ pink coloured clasts. Most clasts are fine grained/ aphanitic; with some medium grained and porphyritic clasts along with rare jasper pebbles. The martix consists of fine grained choritic composition.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
301.80 - 304.50: PYR, WIS, .30, -, VFG, disseminated pyrite in wacke not seen in conglomerate

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
301.80 - 304.50: FOL, 60.00, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115234 | 301.8 | 303.0 | 1.2 | 0.068 | | | | |
| CAOND115235 | 303.0 | 304.5 | 1.5 | 0.017 | | | | |

**Major:** **From:** 304.50 **To:** 305.55 S3, GRAUWACKE

Graywacke - fine grained, weakly foliated at 50 degrees, gray green, uniform unit. homogenous with minor clasts. Non-magnetic and no calcite. Patchy bleaching alteration thought to be strong sercite. Irregular wormy thin carbonate +/-Calcite . unit contians trace disseminated pyrite with up to 0.5%pyrite.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
304.50 - 305.55: PYR, WIS, .30, -, VFG, disseminated pyrite in wacke not seen in conglomerate

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
304.50 - 305.55: FOL, 60.00, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115236 | 304.5 | 306.0 | 1.5 | 0.061 | | | | |

**Major:** **From:** 305.55 **To:** 305.80 S1, CONGLOMÉRAT

strongly deformed conglomerate - Matrix supported; is characterized by a mature mix of rounded; sherical to oval; monolithic pebbles averaging about 3cm composed mainly of alkalic lithologies as indicated by the dominace of pink coloured clasts. Most clasts are fine grained/ aphanitic. The martix consists of fine grained choritic composition.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
305.55 - 305.80: PYR, WIS, .30, -, VFG, disseminated pyrite in wacke not seen in conglomerate

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
305.55 - 305.80: FOL, 60.00, -, -

**Hole number:** KLUC18-512

**Major:** **From:** 305.80 **To:** 308.80 S3, GRAUWACKE

Graywacke - fine grained, weakly foliated at 50 degrees, gray green, uniform unit. homogenous with minor clasts. Non-magnetic and no calcite. Patchy bleaching alteration thought to be strong sercite. Irregular wormy thin carbonate +/-Calcite . unit contians trace disseminated pyrite with up to 0.5%pyrite.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

305.80 - 308.80: PYR, WIS, .30, -, VFG, disseminated pyrite in wacke not seen in conglomerate

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

305.80 - 308.80: FOL, 60.00, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115237 | 306.0 | 307.4 | 1.4 | 0.242 | | | | |
| CAOND115238 | 307.4 | 308.8 | 1.4 | 0.018 | | | | |

**Major:** **From:** 308.80 **To:** 311.00 S1, CONGLOMÉRAT

Strongly deformed conglomerate - monolithic clast supported conglomerate which grades into storngly mylontic unit which is thought to be conglomerate. Strong fabric at 50 degrees. Non mineralzed

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

308.80 - 311.00: PYR, WIS, .30, -, VFG, disseminated pyrite in wacke not seen in conglomerate

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

308.80 - 311.00: FOL, 60.00, -, -

309.30 - 310.10: SHR, 50.00, STRONG, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115239 | 308.8 | 309.8 | 1.0 | 0.012 | | | | |
| CAOND115240 | 309.8 | 311.0 | 1.2 | 0.021 | | | | |

**Major:** **From:** 311.00 **To:** 318.90 S3, GRAUWACKE

weakly mineralized sercite altered graywacke - Fine grained, gray green rock, massive, non magentic, no calcite. gradatationl upper contact, sharp contact at 60 316.35-318.90m increase in wormy thin carbonate+/-calcite stringers. Unit appears to have some ripped and dismembered quartz veins. One quartz vein in folded showing a fold nose.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

311.00 - 317.70: PYR, WIS, .30, -, VFG, disseminated pyrite in wacke not seen in conglomerate

317.70 - 318.90: PYR, WIS, .30, -, VFG, wisps of pyrite which form with sercite

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

317.70 - 318.90: SER+, PEN, STRONG, GRN2_BASIC, VFG, olive green colour to rock.

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115241 | 311.0 | 312.0 | 1.0 | 0.015 | | | | |
| CAOND115242 | 312.0 | 313.5 | 1.5 | 0.109 | | | | |
| CAOND115243 | 313.5 | 315.0 | 1.5 | 0.168 | | | | |
| CAOND115244 | 315.0 | 316.4 | 1.4 | 0.125 | | | | |
| CAOND115246 | 316.4 | 317.5 | 1.1 | 0.194 | | | | |
| CAOND115247 | 317.5 | 318.9 | 1.4 | 0.356 | | | | |

**Hole number:** KLUC18-512

311.00 - 317.00: FOL, 60.00, -, -
317.00 - 318.90: FOL, 70.00, STRONG, shear zone
317.25 - 317.50: FLD, 10.00, -, tight fold of quartz vein.
318.00 - 318.90: SCH, 70.00, STRONG, -

**Major:** **From:** 318.90 **To:** 323.25 QCVZ, Quartz Carbonate Vein Zone

Strongly deformed quartz carbonate veins in strongly altered rock - Sericite-quartz- Fecarbonate-schist - Light green white, bulbose, Irregular foliation but strong at 75 degrees. Minerals are recrystalized, irregular boundaries, quartz stringer zone has been dismembered and boudinaged, Rare to fine intacked quartz vein. Unit is very silicous. Very fine grained dusting of pyrite

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
318.90 - 323.25: PYR, WIS, .30, -, VFG, wisps of pyrite which form with sercite

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS
318.90 - 323.25: SER+, PEN, STRONG, GRN2_BASIC, VFG, olive green colour to rock.

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
318.90 - 323.25: FOL, 70.00, STRONG, shear zone
318.90 - 323.25: SCH, 70.00, STRONG, -

**VEIN**
TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS
318.90 - 323.25: QtzDol, -, -, 1.00, CAO, GRY_00025, PYR, .30, wormy veins and fragments of veins

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115248 | 318.9 | 321.0 | 2.1 | 0.496 | | | | |
| CAOND115249 | 321.0 | 322.0 | 1.0 | 1.060 | | | | |
| CAOND115251 | 322.0 | 323.3 | 1.3 | 0.456 | | | | |

**Major:** **From:** 323.25 **To:** 329.40 M1s, Sericite Schist

Mineralized Sericite-quartz- Fecarbonate- schist - Light green white, bulbose, strongly foliation at 75 degrees. similar to above unit but lacking quartz veins. Unit is very silicous. Very fine grained dusting of pyrite 3%. no calcite

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
323.25 - 329.40: PYR, DIS, 3.00, -, VFG, selective to more sercite alteration (matrix)

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS
323.25 - 329.40: SER+, PEN, STRONG, GRN2_BASIC, VFG, olive green colour to rock.

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
323.25 - 329.40: FOL, 70.00, STRONG, shear zone
323.25 - 329.40: SCH, 70.00, STRONG, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115252 | 323.3 | 324.3 | 1.1 | 1.725 | | | | |
| CAOND115253 | 324.3 | 325.0 | 0.7 | 0.619 | | | | |
| CAOND115254 | 325.0 | 326.5 | 1.5 | 0.600 | | | | |
| CAOND115255 | 326.5 | 327.5 | 1.0 | 0.466 | | | | |
| CAOND115256 | 327.5 | 328.5 | 1.0 | 0.429 | | | | |
| CAOND115257 | 328.5 | 329.4 | 0.9 | 0.332 | | | | |

## Hole number: KLUC18-512

**Major:** **From:** 329.40 **To:** 333.20 I2DAltBx, Syenite Alteration Breccia

Brecciated altered syentite - Rounded pink and white aphantic 0.5 to 1cm clasts of syentite in fine grained gray sercite groundmass. Clast supported breccia. 0.5% disseminated sulphides in groundmass. area of strongly sheared (mylonite) this grades into block ground core. Some of the intense alteration bleaches some of the fragments.

**MINOR INTERVAL**
330.00 - 332.00: flt

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
329.40 - 333.20: PYR, DIS, 3.00, -, -, -

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS
329.40 - 333.20: HEM+, PEN, STRONG, PNK2_BASIC, VFG, -

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
329.40 - 333.00: FOL, 70.00, STRONG, shear zone
330.10 - 331.00: MNC, 80.00, STRONG, ribbony
331.00 - 333.20: SCH, 60.00, STRONG, Unit is altered and thought to be a protomylonite zone

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115258 | 329.4 | 330.5 | 1.1 | 0.225 | | | | |
| CAOND115259 | 330.5 | 332.0 | 1.5 | 0.276 | | | | |
| CAOND115261 | 332.0 | 333.2 | 1.2 | 0.148 | | | | |

**Major:** **From:** 333.20 **To:** 338.72 QCVZ, Quartz Carbonate Vein Zone

Strongly deformed quartz carbonate veins in strongly altered rock - Sericite-quartz- Fecarbonate-schist - Light green white, bulbose, Irregular foliation but strong at 60 degrees. Minerals are recrystalized, irregular boundaries, quartz stringer zone has been dismembered and boudinaged, Rare to fine intacked quartz vein. Unit is very silicous. Very fine grained dusting of pyrite up to 0.5%

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
333.20 - 338.72: PYR, DIS, .50, -, VFG, -

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS
333.20 - 338.72: SER+, PEN, STRONG, GRN2_BASIC, VFG, olive green coloured

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
333.20 - 338.72: SCH, 60.00, STRONG, Unit is altered and thought to be a protomylonite zone

**VEIN**
TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS
333.20 - 338.72: QtzDol, 1.00, -, 1.00, CAO, GRY_00025, PYR, .30, wormy veins and fragments of

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115262 | 333.2 | 334.1 | 0.9 | 0.138 | | | | |
| CAOND115263 | 334.1 | 335.0 | 0.9 | 0.083 | | | | |
| CAOND115264 | 335.0 | 336.5 | 1.5 | 0.076 | | | | |
| CAOND115265 | 336.5 | 338.0 | 1.5 | 0.108 | | | | |
| CAOND115266 | 338.0 | 338.7 | 0.7 | 0.100 | | | | |

## Hole number: KLUC18-512

veins

**Major:** **From:** 338.72 **To:** 348.10 M1s, Sericite Schist

Mineralized Sericite-quartz-Fe-carbonate- schist - Light green white, bulbose, strongly foliation at 60 degrees. similar to above unit but lacking quartz veins. Unit is very silicous. Very fine grained dusting of pyrite 3%. no calcite. Looks like altered sauseritized strongly sheared syentite.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

338.72 - 348.10: PYR, DIS, 3.00, -, VFG, -

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

338.72 - 348.10: SER+, PEN, STRONG, GRN2_BASIC, VFG, olive green coloured

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

338.72 - 348.10: SCH, 60.00, STRONG, Unit is altered and thought to be a protomylonite zone

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115267 | 338.7 | 340.0 | 1.3 | 0.043 | | | | |
| CAOND115268 | 340.0 | 341.5 | 1.5 | 0.023 | | | | |
| CAOND115269 | 341.5 | 343.0 | 1.5 | 0.021 | | | | |
| CAOND115271 | 343.0 | 344.5 | 1.5 | 0.019 | | | | |
| CAOND115272 | 344.5 | 346.0 | 1.5 | 0.039 | | | | |
| CAOND115273 | 346.0 | 347.5 | 1.5 | 0.019 | | | | |
| CAOND115274 | 347.5 | 348.1 | 0.6 | 0.015 | | | | |

**Major:** **From:** 348.10 **To:** 351.20 I2D, Syénite

Weakly mineralized altered deformed syentite - Pink with dark with dark gray/green blotches, non magnetic, no calcite, weakly pitted. Strongly foliated at 60 degrees, foliation is defined by dark gray alteration thought to be chlorite. Very minor dusting of sulphides under 0.5%. Thought to be equivelent of M1S unit but less sauseritzed.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

348.10 - 351.20: PYR, DIS, .30, -, VFG, -

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

348.10 - 351.20: HEM+, PEN, STRONG, PNK2_BASIC, VFG, -

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

348.10 - 351.20: SCH, 60.00, STRONG, Unit is altered and thought to be a protomylonite zone

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115276 | 348.1 | 349.5 | 1.4 | 0.010 | | | | |
| CAOND115277 | 349.5 | 350.3 | 0.8 | 0.019 | | | | |
| CAOND115278 | 350.3 | 351.2 | 0.9 | 0.037 | | | | |

**Major:** **From:** 351.20 **To:** 363.15 M1s, Sericite Schist

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

351.20 - 363.15: PYR, DIS, .50, -, VFG, -

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115279 | 351.2 | 352.0 | 0.8 | 0.032 | | | | |
| CAOND115281 | 352.0 | 353.5 | 1.5 | 0.070 | | | | |
| CAOND115282 | 353.5 | 355.0 | 1.5 | 0.016 | | | | |
| CAOND115283 | 355.0 | 356.5 | 1.5 | 0.024 | | | | |

## Hole number: KLUC18-512

351.20 - 363.15: SER+, PEN, STRONG, GRN2_BASIC, VFG, -

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
351.20 - 363.15: SCH, 60.00, STRONG, Unit is altered and thought to be a protomylonite zone

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115284 | 356.5 | 358.0 | 1.5 | 0.145 | | | | |
| CAOND115285 | 358.0 | 359.5 | 1.5 | 0.096 | | | | |
| CAOND115286 | 359.5 | 361.0 | 1.5 | 0.027 | | | | |
| CAOND115287 | 361.0 | 362.0 | 1.0 | 0.037 | | | | |
| CAOND115288 | 362.0 | 363.2 | 1.2 | 0.088 | | | | |

**Major:** **From:** 363.15 **To:** 366.00 I2D, Syénite

Weakly mineralized altered deformed syentite - Pink with dark with dark gray/green blotches, non magnetic, no calcite, weakly pitted. Strongly foliated at 60 degrees, foliation is defined by dark gray alteration thought to be chlorite. Very minor dusting of sulphides under 0.5%. Thought to be equivelent of M1S unit but less sauseritzed.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
363.15 - 366.00: PYR, DIS, 1.00, -, VFG, -

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS
363.15 - 366.00: HEM+, PEN, STRONG, PNK2_BASIC, VFG, -

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
363.15 - 366.00: SCH, 60.00, STRONG, Unit is altered and thought to be a protomylonite zone

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115289 | 363.2 | 364.6 | 1.5 | 0.084 | | | | |
| CAOND115291 | 364.6 | 366.0 | 1.4 | 0.039 | | | | |

**Geochemical sample**

| Sample | From | To | Ag gpt | Al2O3 Pct | Ba ppm | CaO Pct | Cu ppm | CO2 Pct | Cr ppm | Fe2O3 Pct | K2O Pct | LOI pct | MgO pct | MnO pct | Mo ppm | Na2O pct | Ni ppm | P2O5 pct |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Pb ppm | Rb ppm | SiO2 pct | Sr ppm | Tb ppm | Tm ppm | TiO2 pct | Tl ppm | Total pct | U ppm | V ppm | W ppm | Y ppm | Yb ppm | Zn ppm | Zr ppm |
| CAOND115010 | 40.0 | 41.5 | 0.3 | 14.55 | 1,730.00 | 5.84 | 78.00 | | 60.00 | 7.79 | 3.95 | 5.0 | 3.5 | 0.1 | 0.5 | 4.9 | 22.0 | 0.4 |
| | | | 28.0 | 123.0 | 51.1 | 1 360.0 | 0.98 | 0.33 | 0.7 | 5.00 | 98.2 | 3.7 | 207.0 | 7.0 | 28.6 | 2.5 | 94.0 | 222.0 |
| CAOND115193 | 254.8 | 256.0 | 0.3 | 13.55 | 624.00 | 4.04 | 68.00 | | 330.00 | 6.48 | 2.53 | 4.9 | 3.9 | 0.1 | 2.0 | 4.2 | 119.0 | 0.2 |
| | | | 8.0 | 61.5 | 59.4 | 319.0 | 0.46 | 0.21 | 0.6 | 10.00 | 100.0 | 1.4 | 144.0 | 5.0 | 15.5 | 1.2 | 86.0 | 132.0 |
| CAOND115227 | 294.0 | 295.5 | 0.3 | 12.50 | 537.00 | 4.17 | 46.00 | | 230.00 | 6.33 | 1.99 | 7.2 | 3.3 | 0.1 | 0.5 | 3.4 | 97.0 | 0.2 |
| | | | 16.0 | 75.9 | 58.6 | 455.0 | 0.48 | 0.23 | 0.6 | 5.00 | 98.6 | 1.1 | 134.0 | 6.0 | 16.4 | 1.5 | 106.0 | 113.0 |

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Comment |
|---|---|---|---|---|---|---|
| 27.0 | 30.00 | 33.00 | 100.00 | | | |

**Hole number:** KLUC18-512

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Comment |
|---|---|---|---|---|---|---|
| 30.0 | 33.00 | 90.00 | 100.00 | | | |
| 33.0 | 36.00 | 57.00 | 100.00 | | | |
| 36.0 | 39.00 | 98.00 | 100.00 | | | |
| 39.0 | 42.00 | 97.00 | 100.00 | | | |
| 42.0 | 45.00 | 97.00 | 100.00 | | | |
| 45.0 | 48.00 | 83.00 | 100.00 | | | |
| 48.0 | 51.00 | 98.00 | 100.00 | | | |
| 51.0 | 54.00 | 98.00 | 100.00 | | | |
| 54.0 | 57.00 | 98.00 | 100.00 | | | |
| 57.0 | 60.00 | 97.00 | 100.00 | | | |
| 60.0 | 63.00 | 97.00 | 100.00 | | | |
| 63.0 | 66.00 | 98.00 | 100.00 | | | |
| 66.0 | 69.00 | 98.00 | 100.00 | | | |
| 69.0 | 72.00 | 95.00 | 100.00 | | | |
| 72.0 | 75.00 | 83.00 | 100.00 | | | |
| 75.0 | 78.00 | 97.00 | 100.00 | | | |
| 78.0 | 81.00 | 97.00 | 100.00 | | | |
| 81.0 | 84.00 | 98.00 | 100.00 | | | |
| 84.0 | 87.00 | 97.00 | 100.00 | | | |
| 87.0 | 90.00 | 98.00 | 100.00 | | | |
| 90.0 | 93.00 | 95.00 | 100.00 | | | |
| 93.0 | 96.00 | 97.00 | 100.00 | | | |
| 96.0 | 99.00 | 98.00 | 100.00 | | | |
| 99.0 | 102.00 | 87.00 | 100.00 | | | |
| 102.0 | 105.00 | 98.00 | 100.00 | | | |
| 105.0 | 108.00 | 98.00 | 100.00 | | | |
| 108.0 | 111.00 | 90.00 | 100.00 | | | |
| 111.0 | 114.00 | 98.00 | 100.00 | | | |
| 114.0 | 117.00 | 98.00 | 100.00 | | | |
| 117.0 | 120.00 | 100.00 | 100.00 | | | |

**Hole number:** KLUC18-512

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Comment |
|---|---|---|---|---|---|---|
| 120.0 | 123.00 | 98.00 | 100.00 | | | |
| 123.0 | 126.00 | 98.00 | 100.00 | | | |
| 126.0 | 129.00 | 98.00 | 100.00 | | | |
| 129.0 | 132.00 | 98.00 | 100.00 | | | |
| 132.0 | 135.00 | 98.00 | 100.00 | | | |
| 135.0 | 138.00 | 95.00 | 100.00 | | | |
| 138.0 | 141.00 | 100.00 | 100.00 | | | |
| 141.0 | 144.00 | 97.00 | 100.00 | | | |
| 144.0 | 147.00 | 97.00 | 100.00 | | | |
| 147.0 | 150.00 | 97.00 | 100.00 | | | |
| 150.0 | 153.00 | 97.00 | 100.00 | | | |
| 153.0 | 156.00 | 95.00 | 100.00 | | | |
| 156.0 | 159.00 | 100.00 | 100.00 | | | |
| 159.0 | 162.00 | 100.00 | 100.00 | | | |
| 162.0 | 165.00 | 73.00 | 100.00 | | | |
| 165.0 | 168.00 | 90.00 | 100.00 | | | |
| 168.0 | 171.00 | 57.00 | 100.00 | | | |
| 171.0 | 174.00 | 73.00 | 100.00 | | | |
| 174.0 | 177.00 | 93.00 | 100.00 | | | |
| 177.0 | 180.00 | 97.00 | 100.00 | | | |
| 180.0 | 183.00 | 92.00 | 100.00 | | | |
| 183.0 | 186.00 | 92.00 | 100.00 | | | |
| 186.0 | 189.00 | 92.00 | 100.00 | | | |
| 189.0 | 192.00 | 98.00 | 100.00 | | | |
| 192.0 | 195.00 | 70.00 | 100.00 | | | |
| 195.0 | 198.00 | 77.00 | 100.00 | | | |
| 198.0 | 201.00 | 60.00 | 100.00 | | | |
| 201.0 | 204.00 | 77.00 | 100.00 | | | |
| 204.0 | 207.00 | 77.00 | 100.00 | | | |
| 207.0 | 210.00 | 97.00 | 100.00 | | | |

**Hole number:** KLUC18-512

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Comment |
|---|---|---|---|---|---|---|
| 210.0 | 213.00 | 97.00 | 100.00 | | | |
| 213.0 | 216.00 | 100.00 | 100.00 | | | |
| 216.0 | 219.00 | 97.00 | 100.00 | | | |
| 219.0 | 222.00 | 98.00 | 100.00 | | | |
| 222.0 | 225.00 | 100.00 | 100.00 | | | |
| 225.0 | 228.00 | 100.00 | 100.00 | | | |
| 228.0 | 231.00 | 98.00 | 100.00 | | | |
| 231.0 | 234.00 | 97.00 | 100.00 | | | |
| 234.0 | 237.00 | 98.00 | 100.00 | | | |
| 237.0 | 240.00 | 98.00 | 100.00 | | | |
| 240.0 | 243.00 | 98.00 | 100.00 | | | |
| 243.0 | 246.00 | 98.00 | 100.00 | | | |
| 246.0 | 249.00 | 100.00 | 100.00 | | | |
| 249.0 | 252.00 | 80.00 | 100.00 | | | |
| 252.0 | 255.00 | 83.00 | 100.00 | | | |
| 255.0 | 258.00 | 97.00 | 100.00 | | | |
| 258.0 | 261.00 | 98.00 | 100.00 | | | |
| 261.0 | 264.00 | 97.00 | 100.00 | | | |
| 264.0 | 267.00 | 100.00 | 100.00 | | | |
| 267.0 | 270.00 | 100.00 | 100.00 | | | |
| 270.0 | 273.00 | 100.00 | 100.00 | | | |
| 273.0 | 276.00 | 98.00 | 100.00 | | | |
| 276.0 | 279.00 | 98.00 | 100.00 | | | |
| 279.0 | 282.00 | 97.00 | 100.00 | | | |
| 282.0 | 285.00 | 100.00 | 100.00 | | | |
| 285.0 | 288.00 | 92.00 | 100.00 | | | |
| 288.0 | 291.00 | 93.00 | 100.00 | | | |
| 291.0 | 294.00 | 95.00 | 100.00 | | | |
| 294.0 | 297.00 | 98.00 | 100.00 | | | |
| 297.0 | 300.00 | 95.00 | 100.00 | | | |

**Hole number:** KLUC18-512

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Comment |
|---|---|---|---|---|---|---|
| 300.0 | 303.00 | 97.00 | 100.00 | | | |
| 303.0 | 306.00 | 98.00 | 100.00 | | | |
| 306.0 | 309.00 | 98.00 | 100.00 | | | |
| 309.0 | 312.00 | 93.00 | 100.00 | | | |
| 312.0 | 315.00 | 93.00 | 100.00 | | | |
| 315.0 | 318.00 | 100.00 | 100.00 | | | |
| 318.0 | 321.00 | 98.00 | 100.00 | | | |
| 321.0 | 324.00 | 100.00 | 100.00 | | | |
| 324.0 | 327.00 | 100.00 | 100.00 | | | |
| 327.0 | 330.00 | 92.00 | 100.00 | | | |
| 330.0 | 333.00 | 53.00 | 100.00 | | | |

AGNICO EAGLE

# DRILL HOLE REPORT

## EXPLORATION CANADA ONTARIO

**Hole number:** KLUC18-513 **Project Number:** U_Canada **Project name:** Upper Canada

| | |
|---|---|
| **Historic hole number:** | |
| **System:** | METRIC |
| **Target:** | |
| **No. Claim:** | PAT-18809 |
| **Year:** | 2 018 |
| **Date started:** | 2018-09-26 |
| **Date logged:** | 2018-10-07 |
| **Date completed:** | 2018-09-29 |
| **Core size:** | NQ |
| **Hole type:** | EXP |
| **Casing:** | Left in Hole, capped |
| **Logging status:** | Signed |
| **Rig number:** | 0104 |

| | |
|---|---|
| **Collar survey:** | Y |
| **Verified:** | N |
| **Gas:** | N |
| **Multishot survey:** | N |
| **Is making water:** | N |
| **Object in hole:** | N |
| **Pulse EM survey:** | N |
| **Plugged:** | N |
| **Cemented:** | N |
| **Branch:** | N |
| **Reserve:** | N |

| | |
|---|---|
| **From:** | 0.0 |
| **To:** | 351.0 |
| **Depth:** | 351.0 |
| **Location:** | Surface |
| **Core storage:** | Exploration Camp |
| **Contractor:** | Asinii Drilling |
| **Logged by:** | Melanie Bouchard |
| **Signature:** | Mélanie Bouchard |
| | M.Oosterman |

| | |
|---|---|
| **Coordinates:** | P |
| **Grid:** | UTM83-17_CSRS-2010: |
| **North:** | 5,332,401.36 |
| **East:** | 585,000.71 |
| **Elevation:** | 347.85 |
| **Collar dip:** | -53.25 |
| **Collar azimuth:** | 156.20 |

**Additionnal sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Propsed hole: UCP18-067, Drill Rig: 104, Stabilization: 2 hex core barrel and 18" shell, Targeting: Pit shell / K-zone, same setup as KLUC18-512 but steeper dip.

**Assay average**

| Average type | From | To | Length | Width | Zone | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Pb_ppm | Ni_ppm | As_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WEIGHTED | 129.8 | 145.1 | 15.3 | | | | | | | | | |
| WEIGHTED | 196.9 | 206.4 | 9.5 | | | | | | | | | |
| WEIGHTED | 312.8 | 323.7 | 10.9 | | | | | | | | | |

**Survey data**

| Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 156.20 | -53.25 | S | O | Surveyed collar |
| 66.0 | 158.90 | -53.70 | EZ | O | 55111 |
| 126.0 | 158.00 | -53.10 | EZ | O | 55785 |
| 186.0 | 162.70 | -52.80 | EZ | O | |
| 246.0 | 160.20 | -51.60 | EZ | O | 54969 |
| 306.0 | 160.70 | -51.10 | EZ | O | 54432 |
| 36.0 | 160.30 | -54.00 | EZ | O | 54977 |
| 96.0 | 160.50 | -53.30 | EZ | O | 55761 |
| 156.0 | 159.20 | -52.70 | EZ | O | 54259 |
| 216.0 | 159.50 | -51.80 | EZ | O | 54201 |
| 276.0 | 160.20 | -51.40 | EZ | O | 54651 |
| 351.0 | 161.40 | -50.70 | EZ | O | 54059 |

**Hole number:** KLUC18-513

| Certificate |
|---|
| TM18261951 |
| TM18266620 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505D18-012 | Excaon1 | CAOND114089 - CAOND114170<br>CAOND114944 - CAOND115000<br>CAOND115292 - CAOND115420 |
| CXE5505D18-013 | Excaon1 | CAOND115421 - CAOND115722 |
| CXE5505D19-050 | Excaon1 | CAOND113049<br>CAOND113091<br>CAOND113123<br>CAOND113154<br>CAOND113162<br>CAOND113177<br>CAOND113224<br>CAOND113243<br>CAOND113262<br>CAOND113282<br>CAOND113289<br>CAOND113308<br>CAOND113327<br>CAOND113357<br>CAOND113393<br>CAOND113410<br>CAOND113426<br>CAOND113444 - CAOND113445<br>CAOND113461<br>CAOND113488<br>CAOND113498<br>CAOND113505<br>CAOND113512<br>CAOND113528<br>CAOND113540<br>CAOND113557<br>CAOND113572<br>CAOND113605 - CAOND113606<br>CAOND113641<br>CAOND113796<br>CAOND113816<br>CAOND113821<br>CAOND113828<br>CAOND113831<br>CAOND113836<br>CAOND113855<br>CAOND113894<br>CAOND113942 |

| Sample number | Standard |
|---|---|
| CAOND115315 | CDN-CM-24-AEM |
| CAOND115320 | BLANK-DB |
| CAOND115330 | CDN-GS-5U-AEM |
| CAOND115345 | CDN-CM-28-AEM |
| CAOND115360 | CDN-CM-24-AEM |
| CAOND115370 | BLANK-DB |
| CAOND115375 | CDN-GS-5U-AEM |
| CAOND115390 | CDN-CM-28-AEM |
| CAOND115415 | CDN-CM-24-AEM |
| CAOND115420 | BLANK-DB |
| CAOND115430 | CDN-GS-5U-AEM |
| CAOND115445 | CDN-CM-28-AEM |
| CAOND115460 | CDN-CM-24-AEM |
| CAOND115470 | BLANK-DB |
| CAOND115475 | CDN-GS-5U-AEM |
| CAOND115490 | CDN-CM-28-AEM |
| CAOND115515 | CDN-CM-24-AEM |
| CAOND115520 | BLANK-DB |
| CAOND115530 | CDN-GS-5U-AEM |
| CAOND115540 | BLANK-DB |
| CAOND115545 | CDN-CM-28-AEM |
| CAOND115560 | CDN-CM-24-AEM |

**Hole number:** KLUC18-513

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND113964 |
| | | CAOND113974 |
| | | CAOND113978 |
| | | CAOND114017 |
| | | CAOND114032 |
| | | CAOND114049 |
| | | CAOND114077 |
| | | CAOND114145 |
| | | CAOND114152 |
| | | CAOND114154 |
| | | CAOND114517 |
| | | CAOND114524 |
| | | CAOND114534 |
| | | CAOND114553 |
| | | CAOND114589 |
| | | CAOND114606 |
| | | CAOND114608 |
| | | CAOND114635 |
| | | CAOND114658 - CAOND114659 |
| | | CAOND114683 |
| | | CAOND114701 |
| | | CAOND114708 |
| | | CAOND114719 - CAOND114720 |
| | | CAOND114740 |
| | | CAOND114753 |
| | | CAOND114774 |
| | | CAOND114803 |
| | | CAOND114823 |
| | | CAOND114852 |
| | | CAOND114855 |
| | | CAOND114859 |
| | | CAOND114896 |
| | | CAOND114908 |
| | | CAOND114911 |
| | | CAOND114914 |
| | | CAOND114926 |
| | | CAOND115001 |
| | | CAOND115013 |
| | | CAOND115019 |
| | | CAOND115040 |
| | | CAOND115062 |
| | | CAOND115072 - CAOND115073 |
| | | CAOND115077 |

**Hole number:** KLUC18-513

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND115212 |
| | | CAOND115272 - CAOND115273 |
| | | CAOND115316 |
| | | CAOND115322 |
| | | CAOND115370 - CAOND115371 |
| | | CAOND115411 |
| | | CAOND115418 |
| | | CAOND115442 |
| | | CAOND115472 |
| | | CAOND115497 |
| | | CAOND115509 - CAOND115510 |
| | | CAOND115512 |
| | | CAOND115531 |
| | | CAOND115542 |
| | | CAOND115546 |
| | | CAOND115562 |
| | | CAOND115591 |
| | | CAOND115595 - CAOND115596 |
| | | CAOND115607 - CAOND115609 |
| | | CAOND115611 |
| | | CAOND115620 |
| | | CAOND115640 |
| | | CAOND115655 |
| | | CAOND115659 |
| | | CAOND115718 |
| | | CAOND115732 - CAOND115733 |
| | | CAOND115740 |
| | | CAOND115748 |
| | | CAOND115769 |
| | | CAOND115778 |
| | | CAOND115785 |
| | | CAOND115812 |
| | | CAOND115827 |
| | | CAOND115905 |
| | | CAOND115911 |

*The sample list may content samples from other holes

**Major:** **From:** 0.00 **To:** 26.60 OVB, Overburden

Overburden / casing with 20cm of rounded gravel and boulders

**Major:** **From:** 26.60 **To:** 46.00 V8tAgg, Trachyte tuff agglomerate

Composition: Dark greenish grey and medium reddish brown, fine grained and deformed with local intervals containing lapilli up to bomb sized clast; V8tAgg - Trachyte tuff agglomerate Magnetism:

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114992 | 26.6 | 27.7 | 1.1 | 0.007 | | | | |

## Hole number: KLUC18-513

Moderate to strongly magnetic Veinning: 2% pale grey and milky white qtz veinning with variable thicknesses and orientations Structure: Moderate to strong deformation with moderate preferential alignment at 20-30 and 40-50 TCA Alteration: Moderate to strong patchy calcite alteration with minor Fe-oxide staining at beginning of hole. Mineralization: Trace Cp mineralization in proximity to veins Lower Contact: Gradational, contact is placed with bomb and lapilli sized clasts diminish in abundance.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

26.60 - 46.00: CPY, PAT, .10, -, -, 0.1-0.5% patchy Cp mineralization occuring in veinning

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

26.60 - 46.00: CAL+, PAT, MOD, -, -, Moderate to strong patchy calcite alteration

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

26.60 - 36.00: FOL, 20.00, MOD, Moderate to strong deformation oriented at 20-30 TCA, defined by the alignment and alternation of tuff beds

26.60 - 46.00: DFZ, 40.00, MOD, Moderate to strong deformation defined by the foliation and alignment of clasts

36.00 - 46.00: FOL, 40.00, MOD, Moderate to strong deformation oriented at 40-50 TCA, defined by the alignment and alternation of tuff beds and alignment and flattening of clasts

**VEIN**

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS

27.70 - 28.40: QTZ, 25.00, -, -, -, -, CPY, .50, 25% irregular and patchy pale grey and milky white qtz veinning with rare to trace patchy chalcopyrite

37.50 - 38.20: QTZ, 15.00, -, -, -, -, -, -, 15% pale grey and milky white qtz veinning, trending parallel to deformation at 1-2cm thick

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114993 | 27.7 | 28.5 | 0.8 | 0.008 | | | | |
| CAOND114994 | 28.5 | 30.0 | 1.5 | 0.069 | | | | |
| CAOND114995 | 30.0 | 31.5 | 1.5 | 0.010 | | | | |
| CAOND114996 | 31.5 | 33.0 | 1.5 | 0.012 | | | | |
| CAOND114997 | 33.0 | 34.5 | 1.5 | 0.009 | | | | |
| CAOND114998 | 34.5 | 36.0 | 1.5 | 0.042 | | | | |
| CAOND114999 | 36.0 | 37.5 | 1.5 | 0.017 | | | | |
| CAOND115292 | 37.5 | 39.0 | 1.5 | 0.009 | | | | |
| CAOND115293 | 39.0 | 40.5 | 1.5 | 0.010 | | | | |
| CAOND115294 | 40.5 | 42.0 | 1.5 | 0.008 | | | | |
| CAOND115295 | 42.0 | 43.5 | 1.5 | 0.009 | | | | |
| CAOND115296 | 43.5 | 45.0 | 1.5 | 0.053 | | | | |
| CAOND115297 | 45.0 | 46.0 | 1.0 | 0.074 | | | | |

**Major:** **From:** 46.00 **To:** 56.60 V8mt, Trachyte mafic tuff

Composition: Dark grey with patches of pale grey and locally medium pink, very fine to fine grained; V8mt - Trachyte mafic tuff Magnetism: Moderate to strongly magnetic Veinning: No significant veinning, possibly deformed veinlets Structure: Moderate to strongly deformed with foliation oriented at 40-50 TCA, defined by the alignment and alternation of tuff beds. Alteration: Strong patchy calcite alteration Mineralization: 5% very fine grained patches of dusted to disseminated Py mineralization Lower Contact: Sharp; oriented at 30 TCA

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

46.00 - 56.60: PYR, DIS, 5.00, -, VFG, 5% very fine grained dusted to disseminated Py mineralization

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

46.00 - 56.60: CAL+, PAT, STRONG, -, -, Strong patchy calcite alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115298 | 46.0 | 47.5 | 1.5 | 0.025 | | | | |
| CAOND115299 | 47.5 | 49.0 | 1.5 | 0.041 | | | | |
| CAOND115301 | 49.0 | 50.5 | 1.5 | 0.011 | | | | |
| CAOND115302 | 50.5 | 52.0 | 1.5 | 0.013 | | | | |
| CAOND115303 | 52.0 | 53.5 | 1.5 | 0.023 | | | | |
| CAOND115304 | 53.5 | 54.5 | 1.0 | 0.014 | | | | |
| CAOND115305 | 54.5 | 55.5 | 1.0 | 0.005 | | | | |
| CAOND115306 | 55.5 | 56.6 | 1.1 | 0.010 | | | | |

**Hole number:** KLUC18-513

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
46.00 - 56.60: DFZ, 40.00, MOD, Moderate to strong deformation oriented at 40-50 TCA, defined by the alignment and alternation of tuff beds
46.00 - 56.60: FOL, 40.00, MOD, Moderate to strong foliation oriented at 40-50 TCA, defined by the alignment and alternation of tuff beds

**Major:** **From:** 56.60 **To:** 109.40 V8mtl, Trachyte mafic tuff lapilli

Composition: Dark green, dark grey and medium pinkish brown, dominantly fine grained with varying abundances of lapilli sized clasts; V8mtl - Trachyte mafic lapilli tuff Magnetism: Moderate to strongly magnetic Veinning: 1-2% white calcite veinlets Structure: Moderate to strong deformation with weak preferential alignment at 40-50 TCA Alteration: Strong calcite alteration Mineralization: Trace very fine grained Py mineralization with minor intervals with 5% dusting of very fine grained Py mineralization Lower Contact: Sharp; oriented at 50 TCA 106.1-107.8m = possible minor unit or lapilli dominant bed? Moderate patchy hematite alteration and 5-8% very fine grained disseminated Py mineralization

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
80.00 - 82.00: PYR, DIS, 5.00, -, VFG, 5-8% very fine grained dusted to disseminated Py mineralization
106.10 - 107.80: PYR, DIS, 5.00, -, VFG, 5-8% very fine grained dusted to disseminated Py mineralization
108.40 - 109.40: PYR, STG, 5.00, -, VFG, 5-8% very fine grained Py mineralization occuring as mm scale parallel wavy clusters

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS
106.10 - 107.80: HEM+, PAT, MOD, -, -, Moderate to strong patchy hematite alteration

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
56.60 - 109.40: DFZ, 40.00, MOD, Moderate to strong deformation oriented at 40-50 TCA, defined by the alignment and alternation of tuff beds
56.60 - 109.40: FOL, 40.00, MOD, Moderate to strong foliation oriented at 40-50 TCA, defined by the alignment and alternation of tuff beds

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115307 | 56.6 | 58.0 | 1.4 | 0.009 | | | | |
| CAOND115308 | 58.0 | 59.5 | 1.5 | 0.017 | | | | |
| CAOND115309 | 59.5 | 60.5 | 1.0 | 0.003 | | | | |
| CAOND115310 | 60.5 | 62.0 | 1.5 | 0.007 | | | | |
| CAOND115311 | 62.0 | 63.5 | 1.5 | 0.065 | | | | |
| CAOND115312 | 63.5 | 65.0 | 1.5 | 0.015 | | | | |
| CAOND115313 | 65.0 | 66.5 | 1.5 | 0.010 | | | | |
| CAOND115314 | 66.5 | 68.0 | 1.5 | 0.006 | | | | |
| CAOND115316 | 68.0 | 69.5 | 1.5 | 0.013 | | | | |
| CAOND115317 | 69.5 | 71.0 | 1.5 | 0.003 | | | | |
| CAOND115318 | 71.0 | 72.5 | 1.5 | 0.006 | | | | |
| CAOND115319 | 72.5 | 74.0 | 1.5 | 0.003 | | | | |
| CAOND115321 | 74.0 | 75.5 | 1.5 | 0.003 | | | | |
| CAOND115322 | 75.5 | 77.0 | 1.5 | 0.006 | | | | |
| CAOND115323 | 77.0 | 78.5 | 1.5 | 0.016 | | | | |
| CAOND115324 | 78.5 | 80.0 | 1.5 | 0.009 | | | | |
| CAOND115326 | 80.0 | 81.5 | 1.5 | 0.088 | | | | |
| CAOND115327 | 81.5 | 83.0 | 1.5 | 0.117 | | | | |
| CAOND115328 | 83.0 | 84.5 | 1.5 | 0.003 | | | | |
| CAOND115329 | 84.5 | 86.0 | 1.5 | 0.007 | | | | |
| CAOND115331 | 86.0 | 87.5 | 1.5 | 0.003 | | | | |
| CAOND115332 | 87.5 | 89.0 | 1.5 | 0.003 | | | | |
| CAOND115333 | 89.0 | 90.5 | 1.5 | 0.003 | | | | |
| CAOND115334 | 90.5 | 92.0 | 1.5 | 0.009 | | | | |
| CAOND115335 | 92.0 | 93.5 | 1.5 | 0.010 | | | | |
| CAOND115336 | 93.5 | 95.0 | 1.5 | 0.003 | | | | |
| CAOND115337 | 95.0 | 96.5 | 1.5 | 0.009 | | | | |

**Hole number:** KLUC18-513

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115338 | 96.5 | 98.0 | 1.5 | 0.007 | | | | |
| CAOND115339 | 98.0 | 99.5 | 1.5 | 0.003 | | | | |
| CAOND115340 | 99.5 | 101.0 | 1.5 | 0.011 | | | | |
| CAOND115341 | 101.0 | 102.5 | 1.5 | 0.015 | | | | |
| CAOND115342 | 102.5 | 104.0 | 1.5 | 0.012 | | | | |
| CAOND115343 | 104.0 | 105.0 | 1.0 | 0.003 | | | | |
| CAOND115344 | 105.0 | 106.1 | 1.1 | 0.003 | | | | |
| CAOND115346 | 106.1 | 107.0 | 0.9 | 0.041 | | | | |
| CAOND115347 | 107.0 | 107.8 | 0.8 | 0.030 | | | | |
| CAOND115348 | 107.8 | 108.8 | 1.0 | 0.007 | | | | |
| CAOND115349 | 108.8 | 109.4 | 0.6 | 0.023 | | | | |

**Major:** **From:** 109.40 **To:** 118.60 V8tAgg, Trachyte tuff agglomerate

Composition: Dark grey to greenish grey with patches of medium reddish brown, minor medium brown and medium grey patches; V8tAgg - Trachyte tuff agglomerate. Possibly a melange of tuff, lapilli, agglomerate and other beds, intervals or units. Numerous different textures and colours observed with varying abundances of lapilli and agglomerate clasts. Magnetism: Moderate to strongly magnetic Veinning: 2% discontinuous and chaotic milky white qtz-hem veinning less than 1cm thick Structure: Moderate to strong magnetism Alteration: Moderate patchy calcite alteration Mineralization: Trace to 1% very fine grained Py mineralization Lower Contact: Gradational, contact is placed where textures become dominated by very fine grained matrix with fine grained lapilli?

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

109.40 - 118.60: DFZ, 40.00, MOD, Moderate to strong deformation oriented at 40-50 TCA, defined by the alignment and alternation of tuff beds and alignment and flattening of clasts

109.40 - 118.60: FOL, 40.00, MOD, Moderate to strong foliation oriented at 40-50 TCA, defined by the alignment and alternation of tuff beds

**VEIN**

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS

112.00 - 114.00: QTZ, 3.00, -, -, -, -, -, -, 3% discontinuous and choatic milky white qtz-hem veinning, less than 1cm thick

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115351 | 109.4 | 110.5 | 1.1 | 0.003 | | | | |
| CAOND115352 | 110.5 | 112.0 | 1.5 | 0.003 | | | | |
| CAOND115353 | 112.0 | 113.5 | 1.5 | 0.003 | | | | |
| CAOND115354 | 113.5 | 115.0 | 1.5 | 0.007 | | | | |
| CAOND115355 | 115.0 | 116.5 | 1.5 | 0.008 | | | | |
| CAOND115356 | 116.5 | 117.5 | 1.0 | 0.008 | | | | |
| CAOND115357 | 117.5 | 118.6 | 1.1 | 0.030 | | | | |

**Major:** **From:** 118.60 **To:** 129.80 V8mtl, Trachyte mafic tuff lapilli

Composition: Dark grey very fine grained and pale pink and white spots and clasts; V8mtl - Trachyte mafic tuff lapilli. Beginning as very fine grained matrix with fine grained spots (118.6-123m), gradually changing to 1-2cm thick clasts? (123-127.5m) and then returning to finer spots (127.5-129.8m). Magnetism: Moderate to strongly magnetic. Veinning: 2-3% chaotic calcite veinlets. Structure: Moderate deformation with weak to moderate foliation at 40-50 TCA. Alteration: Moderate to strong calcite

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115358 | 118.6 | 120.0 | 1.4 | 0.003 | | | | |
| CAOND115359 | 120.0 | 121.5 | 1.5 | 0.016 | | | | |
| CAOND115361 | 121.5 | 123.0 | 1.5 | 0.014 | | | | |
| CAOND115362 | 123.0 | 124.5 | 1.5 | 0.036 | | | | |

**Hole number:** KLUC18-513

alteration. Mineralization: Local clusters of 5-10% very fine grained dusted Py mineralization. Lower Contact: Sharp but intruded by a qtz vein.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

118.60 - 129.80: PYR, DIS, 5.00, -, VFG, 5-8% very fine grained Py mineralization occuring dusted/disseminated clusters 10-30cm thick

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

118.60 - 123.00: FOL, 40.00, WEAK, Weak foliation at 40-50 TCA, defined by the alignment of veinelts and spots of calcite

118.60 - 129.80: DFZ, 40.00, MOD, Moderate deformation with weak to moderate foliation at 40-50 TCA

123.00 - 127.50: FOL, 40.00, MOD, Moderate foliation at 40-50 TCa, defined by the alignment of clasts

127.50 - 129.80: FOL, 40.00, WEAK, Weak foliation at 40-50 TCA, define by the aligment of veinlets and spots of calcite

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115363 | 124.5 | 126.0 | 1.5 | 0.003 | | | | |
| CAOND115364 | 126.0 | 127.5 | 1.5 | 0.008 | | | | |
| CAOND115365 | 127.5 | 128.8 | 1.3 | 0.003 | | | | |
| CAOND115366 | 128.8 | 129.8 | 1.0 | 0.032 | | | | |

**Major:** **From:** 129.80 **To:** 145.10 PORPH, porphyry

Composition: Medium greenish grey to beige with patches of dark greenish grey and medium yellowish green; PORPH - Porphyry Magnetism: Non magnetic Veinning: 2% pale grey qtz veinning 1-2cm thick Structure: Moderate to strong deformtion with weak preferential alignment at 40-50 TCA. Alteration: Moderate to strong SE alteration occuring as mm scale stringers and patches. Mineralization: 2-3% very fine grained disseminated Py mineralization Lower Contact: Gradational, contact placed where phenocrysts are no longer apparant. SE alteration and shearing is present on either side of the contact so the placement of the lower contact is negotiable.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

129.80 - 145.10: PYR, DIS, 2.00, -, VFG, 2-3% very fine grained Py mineralization disseminated throughout

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

129.80 - 145.10: SER+, STG, MOD, -, -, Moderate to strong stringers and mm scale patches of Se alteration

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

129.80 - 143.70: DFZ, 40.00, MOD, Moderate deformation with weak preferential alignment at 40-50 TCA

129.80 - 143.70: FOL, 40.00, WEAK, Weak to moderate preferential alignment at 40-50 TCA

143.70 - 145.10: DFZ, 40.00, STRONG, Strong deformation, shearing and chaotic folding, moderate to strong foliation at 40-50 TCA

143.70 - 145.10: SHR, 40.00, STRONG, Moderate to strong shearing oriented at 40-50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115367 | 129.8 | 131.0 | 1.2 | 0.012 | | | | |
| CAOND115368 | 131.0 | 132.5 | 1.5 | 0.010 | | | | |
| CAOND115369 | 132.5 | 134.0 | 1.5 | 0.009 | | | | |
| CAOND115371 | 134.0 | 135.5 | 1.5 | 0.006 | | | | |
| CAOND115372 | 135.5 | 137.0 | 1.5 | 0.005 | | | | |
| CAOND115373 | 137.0 | 138.5 | 1.5 | 0.007 | | | | |
| CAOND115374 | 138.5 | 140.0 | 1.5 | 0.007 | | | | |
| CAOND115376 | 140.0 | 141.5 | 1.5 | 0.008 | | | | |
| CAOND115377 | 141.5 | 143.0 | 1.5 | 0.007 | | | | |
| CAOND115378 | 143.0 | 144.0 | 1.0 | 0.005 | | | | |
| CAOND115379 | 144.0 | 145.1 | 1.1 | 0.013 | | | | |

**Hole number:** KLUC18-513

**VEIN**
TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS
144.00 - 145.00: QTZ, 3.00, -, -, -, -, -, -, 3% qtz veinning parallel to shearing at 70-80 TCA, 2-3cm thick

**Major:** **From:** 145.10 **To:** 196.90 V8tl, Trachytic lapilli tuff

Composition: Dark grey, medium grey with pale to medium greenish beige and grey clasts, paler, bleached colouring compared to beginning of hole; V8tl - Trachyte tuff lapilli Magnetism: Non magnetic Veinning: 1% milky white qtz veinning 1-2cm thick Structure: Moderate deformation and flatening of clasts at 40-50 TCA Alteration: Weak to moderate patchy SE alteration. Mineralization: 5-10% very fine grained dusted and disseminated Py mineralization. Lower Contact: Gradational, contact is placed where textures and alteration suddenly changes and mm scale phenocrysts are introduced 165-175m = dominantly very fine and fine grained material with only minor lapilli sized clasts, there is a gradual decrease then increase after 175m.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
145.10 - 196.90: PYR, DIS, 5.00, -, VFG, 5-10% very fine grained Py mineralization disseminated throughout, locally clustered

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS
145.10 - 180.00: SER+, PAT, MOD, -, -, Moderate to weak mm scale patches of Se alteration
180.00 - 183.00: SER+, PAT, STRONG, -, -, Strong to moderate Se alteration
183.00 - 196.90: SER+, PAT, MOD, -, -, Moderate patchy Se alteration

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
145.10 - 196.90: DFZ, 40.00, MOD, Moderate to strong deformation defined by the flattening and alignment of clasts and tuff beds
145.10 - 196.90: FOL, 40.00, MOD, Moderate foliation at 40-50 TCA, defined the the alignment and flatening of clasts and tuff beds
189.70 - 190.00: FAL, 40.00, -, Approx. 12cm thick brittle fault with angular 1cm sized fragments and mud matrix. Upper contact is oriented 90 to foliation and lower contact is sharp and parallel to foliation at 40 TCA
189.70 - 190.00: FGO, 40.00, -, Approx. 12cm thick brittle fault with angular 1cm sized fragments and mud matrix; oriented at 40 TCA
189.70 - 190.00: FRA, -, -, 30cm thick fractured interval containning faultted angular fragments and mud

**VEIN**
TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS
163.00 - 164.00: QTZ, 15.00, -, -, -, -, -, -, 15% qtz veinning parallel to deformation, 1x 12cm thick vein with 1cm thick veins in margins
172.00 - 173.00: QTZ, 20.00, -, -, -, -, -, -, 20% chaotic and deformed qtz-hem veinning occuring over a

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115381 | 145.1 | 146.5 | 1.4 | 0.012 | | | | |
| CAOND115382 | 146.5 | 148.0 | 1.5 | 0.011 | | | | |
| CAOND115383 | 148.0 | 149.5 | 1.5 | 0.013 | | | | |
| CAOND115384 | 149.5 | 151.0 | 1.5 | 0.007 | | | | |
| CAOND115385 | 151.0 | 152.5 | 1.5 | 0.013 | | | | |
| CAOND115386 | 152.5 | 154.0 | 1.5 | 0.011 | | | | |
| CAOND115387 | 154.0 | 155.5 | 1.5 | 0.015 | | | | |
| CAOND115388 | 155.5 | 157.0 | 1.5 | 0.012 | | | | |
| CAOND115389 | 157.0 | 158.5 | 1.5 | 0.011 | | | | |
| CAOND115391 | 158.5 | 160.0 | 1.5 | 0.009 | | | | |
| CAOND115392 | 160.0 | 161.5 | 1.5 | 0.008 | | | | |
| CAOND115393 | 161.5 | 163.0 | 1.5 | 0.007 | | | | |
| CAOND115394 | 163.0 | 164.0 | 1.0 | 0.009 | | | | |
| CAOND115395 | 164.0 | 165.0 | 1.0 | 0.014 | | | | |
| CAOND115396 | 165.0 | 166.5 | 1.5 | 0.032 | | | | |
| CAOND115397 | 166.5 | 168.0 | 1.5 | 0.075 | | | | |
| CAOND115398 | 168.0 | 169.5 | 1.5 | 0.018 | | | | |
| CAOND115399 | 169.5 | 171.0 | 1.5 | 0.172 | | | | |
| CAOND115401 | 171.0 | 172.0 | 1.0 | 0.216 | | | | |
| CAOND115402 | 172.0 | 173.0 | 1.0 | 0.242 | | | | |
| CAOND115403 | 173.0 | 174.0 | 1.0 | 0.038 | | | | |
| CAOND115404 | 174.0 | 175.0 | 1.0 | 0.021 | | | | |
| CAOND115405 | 175.0 | 176.0 | 1.0 | 0.015 | | | | |
| CAOND115406 | 176.0 | 177.0 | 1.0 | 0.012 | | | | |
| CAOND115407 | 177.0 | 178.0 | 1.0 | 0.042 | | | | |
| CAOND115408 | 178.0 | 179.0 | 1.0 | 0.018 | | | | |
| CAOND115409 | 179.0 | 180.0 | 1.0 | 0.044 | | | | |
| CAOND115410 | 180.0 | 181.5 | 1.5 | 0.081 | | | | |
| CAOND115411 | 181.5 | 183.0 | 1.5 | 0.043 | | | | |
| CAOND115412 | 183.0 | 184.5 | 1.5 | 0.048 | | | | |

**Hole number:** KLUC18-513

20cm thick interval
176.00 - 177.00: QTZ, 20.00, -, -, -, -, -, -, 20% pale grey, white and medium pink deformed and irregular qtz-hem veinning, occuring over a 40cm thick interval
178.50 - 179.00: QTZ, 40.00, -, -, -, -, -, -, 2x pale grey and milky white qtz veinning, 4 and 8cm thick, parallel to deformation
180.00 - 183.00: QTZ, 15.00, -, -, -, -, -, -, 15% pale grey to pale pinkish grey qtz veinning. Dominantly 2-4cm thick and trending parallel to deformation. Locally less than 1cm thick and folded and crosscutting deformation
189.90 - 190.20: QTZ, 70.00, -, -, -, -, -, -, 70% pale grey, deformed and discontinuous qtz vein

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115413 | 184.5 | 186.0 | 1.5 | 0.147 | | | | |
| CAOND115414 | 186.0 | 187.5 | 1.5 | 0.015 | | | | |
| CAOND115416 | 187.5 | 189.0 | 1.5 | 0.110 | | | | |
| CAOND115417 | 189.0 | 190.5 | 1.5 | 0.069 | | | | |
| CAOND115418 | 190.5 | 192.0 | 1.5 | 0.030 | | | | |
| CAOND115419 | 192.0 | 193.0 | 1.0 | 0.024 | | | | |
| CAOND115421 | 193.0 | 194.5 | 1.5 | 0.015 | | | | |
| CAOND115422 | 194.5 | 195.5 | 1.0 | 0.043 | | | | |
| CAOND115423 | 195.5 | 196.9 | 1.4 | 0.023 | | | | |

**Major:** **From:** 196.90 **To:** 206.40 PORPH, porphyry

Composition: Dark green to grey with pervasive intervals of greenish beige, chaotic, deformed and altered; PORPH - Porphyry Magnetism: Non magnetic Veinning: 15% pale pinkish grey, medium grey and white qtz (with Ab or Ank?) veinning. 1x 1.5cm thick vein. Structure: Strong deformation and shearing of altered intervals with chaotic deformation and healed fracturing throughout. Alteration: Minor interval of strong pervasive Ab, strong lenses of Chl and moderate patchy Se alteration. Mineralization: 5-10% very fine grained Py mineralization disseminated throughout. Lower Contact: Sheared chaotic and diminishes into mm scale fingers.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
196.90 - 200.00: PYR, DIS, 5.00, -, VFG, 5-10% very fine grained Py mineralization disseminated throughout

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS
196.90 - 200.00: ALB+, PEN, STRONG, -, -, Strong pervasive Ab alteration
196.90 - 200.00: CHL+, PAT, STRONG, -, -, Strong irregular stringers and lenses of chl alteration
196.90 - 200.00: SER+, PAT, MOD, -, -, Moderate mm scale stringers and patches of Se alteration

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
196.90 - 200.00: DFZ, -, STRONG, Strong chaotic shearing and deformation
200.00 - 206.40: DFZ, -, MOD, Moderate chaotic shearing and deformation

**VEIN**
TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS
196.90 - 201.00: QTZ, 25.00, -, -, -, -, -, -, 25% chaotic and deformed pale pinkish grey and grey with milky white Ab or Ank veinning
203.70 - 206.40: QTZ, 90.00, -, -, -, -, -, -, 3cm, 10cm and 1.5m thick medium grey qtz vein with irregular patches of milky white Ab or Ank? throughout

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115424 | 196.9 | 198.0 | 1.1 | 0.015 | | | | |
| CAOND115426 | 198.0 | 198.8 | 0.8 | 0.073 | | | | |
| CAOND115427 | 198.8 | 199.8 | 1.0 | 0.024 | | | | |
| CAOND115428 | 199.8 | 201.0 | 1.2 | 0.014 | | | | |
| CAOND115429 | 201.0 | 202.1 | 1.1 | 0.040 | | | | |
| CAOND115431 | 202.1 | 203.0 | 0.9 | 0.021 | | | | |
| CAOND115432 | 203.0 | 204.0 | 1.0 | 0.020 | | | | |
| CAOND115433 | 204.0 | 204.7 | 0.7 | 0.015 | | | | |
| CAOND115434 | 204.7 | 205.6 | 0.9 | 0.008 | | | | |
| CAOND115435 | 205.6 | 206.4 | 0.8 | 0.017 | | | | |

**Hole number:** KLUC18-513

**Major:** **From:** 206.40 **To:** 210.90 V8tAgg, Trachyte tuff agglomerate

Composition: Dark green fine grained matrix with patches of medium pink and brown; V8tAgg - trachyte tuff agglomerate Magnetism: Non magnetic Veinning: 1% mm scale calcite veinlets, 2% 1-2cm thick, pale grey qtz veinning with Ab or Ank altered margins Structure: Moderate deformation with preferential alignment of clasts at 30-40 TCA Alteration: Moderate spotted calcite alteration throughout with Ab or Ank alteration in margins of veins up to 20cm thick. Mineralization: 2-3% very fine grained disseminated Py with minor medium grained Py Lower Contact: Sharp; oriented at 40 TCA

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

206.40 - 210.90: PYR, DIS, 2.00, -, VFG, 2-3% very fine grained Py mineralization with minor medium grained py disseminated throughout

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

209.00 - 210.90: ALB+, PAT, MOD, -, -, Moderate Ab or Ank alteration occuring in margins of veins locally over 20cm

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

206.40 - 210.90: DFZ, 30.00, MOD, Moderate deformation

206.40 - 210.90: FOL, 30.00, MOD, Moderate foliation defined by the alignment of agglomerate clasts at 30-40 TCA

**VEIN**

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS

209.00 - 210.90: QTZ, 2.00, -, -, -, -, -, -, 2% 1-2cm thick pale grey qtz veinning with Ank or Ab? alteration in margins, up to 20cm thick interval of alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115436 | 206.4 | 207.5 | 1.1 | 0.075 | | | | |
| CAOND115437 | 207.5 | 209.0 | 1.5 | 0.018 | | | | |
| CAOND115438 | 209.0 | 209.9 | 0.9 | 0.032 | | | | |
| CAOND115439 | 209.9 | 210.9 | 1.0 | 0.104 | | | | |

**Major:** **From:** 210.90 **To:** 225.50 V8mtl, Trachyte mafic tuff lapilli

Composition: Dark green with patches of medium pink and pale grey; V8mtl - trachyte mafic tuff lapilli Magnetism: Moderate to strongly magnetic Veinning: 5% irregular but parallel to deformation qtz-cal veinning Structure: Moderate ot strongly deformed with preferential alignment at 30-40 TCA Alteration: Moderate to strong calcite alteration Mineralization: 1-2% very fine grained Py mineralization occuring in disseminated clusters Lower Contact: Sharp; oriented at 50 TCA

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

210.90 - 225.50: PYR, DIS, 1.00, -, VFG, 1-2% very fine grained Py mineralization occuring in disseminated clusters

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS

214.20 - 214.60: ALB+, PEN, MOD, -, -, Moderate to strong Ab or Ank aleration occuring in a sheared

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115440 | 210.9 | 212.0 | 1.1 | 0.173 | | | | |
| CAOND115441 | 212.0 | 213.5 | 1.5 | 0.106 | | | | |
| CAOND115442 | 213.5 | 215.0 | 1.5 | 0.105 | | | | |
| CAOND115443 | 215.0 | 216.0 | 1.0 | 0.113 | | | | |
| CAOND115444 | 216.0 | 217.0 | 1.0 | 0.047 | | | | |
| CAOND115446 | 217.0 | 218.0 | 1.0 | 0.040 | | | | |
| CAOND115447 | 218.0 | 219.0 | 1.0 | 0.052 | | | | |
| CAOND115448 | 219.0 | 220.5 | 1.5 | 0.029 | | | | |
| CAOND115449 | 220.5 | 222.0 | 1.5 | 0.015 | | | | |
| CAOND115451 | 222.0 | 223.5 | 1.5 | 0.055 | | | | |

**Hole number:** KLUC18-513

interval
214.20 - 214.60: CHL+, PAT, STRONG, -, -, mm scale stringers of strong chl alteration

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
210.90 - 225.50: DFZ, 30.00, MOD, Moderate to strong deformation
210.90 - 225.50: FOL, 30.00, MOD, Moderate ot strong foliation oriented at 30-40 TCa
214.20 - 214.60: SHR, 35.00, STRONG, Strong to moderate shearing oriented at 35 TCA, defined by an interval with strong mm scale stringers of Chl alteration and prevasive Ab-Se or Ank-Se alteration
221.90 - 222.00: FAL, 30.00, -, 3cm thick fault, with fault gouge / mud; oriented at 30 TCA
221.90 - 222.00: FGO, 30.00, -, 3cm thick fault, with fault gouge / mud; oriented at 30 TCA

**VEIN**
TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS
210.90 - 225.50: QTZ, 5.00, -, -, -, -, -, -, 5% irregular pale grey and milky white qtz veinning with Ank and Ab patches? in veins. Dominantly parallel to deformation but irregular and wavy, locally folded. 1-2cm thick and locally up to 4cm

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115452 | 223.5 | 224.5 | 1.0 | 0.008 | | | | |
| CAOND115453 | 224.5 | 225.5 | 1.0 | 0.055 | | | | |

**Major:** **From:** 225.50 **To:** 237.10 I2Dm, Mafic Syenite

Composition: Dark green with minor patches of medium to dark red, fine grained and massive with possible minor intervals of trachyte mafic tuff; I2Dm - Mafic syenite Magnetism: Weakly magnetic Veinning: 1% irregular qtz-cal veinning less than 1cm thick Structure: Weakly deformed and weakly foliated at 40-50 TCa Alteration: Weak calcite and weak chlorite Mineralization: Trace to 1% very fine grained Py mineralization Lower Contact: Shapr; oriented at 40 TCA

**MINOR INTERVAL**
228.50 - 229.70: V8mtComposition: Dark green, fine grained; V8mt - trachyte mafic tuff Magnetism: Moderately magnetic Veinning: 1% mm scale calcite veinlets Structure: Moderate to strong deformation at 40-50 TCA Alteration: Moderate to strong pervasive Chl and weak calcite Mineralization: None observed Lower Contact: Sharp; oriented at 30 TCA

**MINOR INTERVAL**
229.90 - 230.90: V8mtComposition: Dark green, fine grained; V8mt - trachyte mafic tuff Magnetism: Moderately magnetic Veinning: 1% mm scale calcite veinlets Structure: Strong deformation with various faults Alteration: Strong pervasive chlorite alteration Mineralization: Trace Py mineralization Lower Contact: fractured, faulted and irregular

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS
229.90 - 230.90: CHL+, PEN, STRONG, -, -, Strong pervasive chlorite alteration

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
229.90 - 230.90: DFZ, 30.00, STRONG, Strong deformation with numerous faults
230.20 - 230.30: FAL, 30.00, -, 1cm thick fault

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115454 | 225.5 | 227.0 | 1.5 | 0.021 | | | | |
| CAOND115455 | 227.0 | 228.5 | 1.5 | 0.061 | | | | |
| CAOND115456 | 228.5 | 229.9 | 1.4 | 0.012 | | | | |
| CAOND115457 | 229.9 | 231.0 | 1.1 | 0.106 | | | | |
| CAOND115458 | 231.0 | 232.5 | 1.5 | 0.006 | | | | |
| CAOND115459 | 232.5 | 234.0 | 1.5 | 0.072 | | | | |
| CAOND115461 | 234.0 | 235.0 | 1.0 | 0.012 | | | | |
| CAOND115462 | 235.0 | 236.0 | 1.0 | 0.007 | | | | |
| CAOND115463 | 236.0 | 237.1 | 1.1 | 0.010 | | | | |

**Hole number:** KLUC18-513

230.20 - 230.30: FGO, 30.00, -, 1cm thick fault with fault gouge and mud
230.40 - 230.90: FAL, -, -, numerous 2-3 or thicker faults with localy intact angular clasts and mud
230.40 - 230.90: FGO, -, -, numerous 2-3 or thicker faults with localy intact angular clasts and mud
230.40 - 230.90: FRA, -, STRONG, strong fracutring due to numerous faults / gouge

**Major:** **From:** 237.10 **To:** 242.20 S1, CONGLOMÉRAT

Composition: Dark grey to dark green fine to medium grained matrix with 40-50% polymitic pebbles and gravel of various shapes and sizes, dominantly rounded and no bigger than 5cm; S1 - Conglomerate Magnetism: Moderately magnetic Veinning: 2-3% mm scale calcite veinlets througout Structure: Moderate deformation and preferential alignment and flattening of pebbles at 30-40 TCA Alteration: Weak patchy calcite Mineralization: Trace to 1% very fine grained Py mineralization Lower Contact: Sharp but irregular

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

237.10 - 242.20: DFZ, 30.00, MOD, Moderate deformation
237.10 - 242.20: FOL, 30.00, MOD, Moderate foliation at 30-40 TCA defined by the alignment and flattening of pebbles

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115464 | 237.1 | 238.5 | 1.4 | 0.017 | | | | |
| CAOND115465 | 238.5 | 240.0 | 1.5 | 0.018 | | | | |
| CAOND115466 | 240.0 | 241.5 | 1.5 | 0.017 | | | | |
| CAOND115467 | 241.5 | 242.2 | 0.7 | 0.005 | | | | |

**Major:** **From:** 242.20 **To:** 250.70 I2Dp, Porphyritic Syenite

Composition: Dark purplish red, fine grained and massive with 1-5% mm scale phenocrysts throughout; I2Dp - Porphyritic syenite Magnetism: Weak to moderately magnetic Veinning: 1-2% mm scale calcite veinelts Structure: Undeformed to weakly deformed Alteration: Weak calcite Mineralization: Trace to 1% very fine grained disseminated Py Lower Contact: Sharp oriented at 30 TCA Minor units: 245.5-246.9m = conglomerate

**MINOR INTERVAL**

245.50 - 246.90: S1Minor unit of conglomerate bordered by porphyritic syenite intrusion.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115468 | 242.2 | 243.5 | 1.3 | 0.003 | | | | |
| CAOND115469 | 243.5 | 244.5 | 1.0 | 0.003 | | | | |
| CAOND115471 | 244.5 | 245.5 | 1.0 | 0.003 | | | | |
| CAOND115472 | 245.5 | 246.9 | 1.4 | 0.012 | | | | |
| CAOND115473 | 246.9 | 248.4 | 1.5 | 0.003 | | | | |
| CAOND115474 | 248.4 | 249.5 | 1.1 | 0.007 | | | | |
| CAOND115476 | 249.5 | 250.7 | 1.2 | 0.011 | | | | |

**Major:** **From:** 250.70 **To:** 266.70 S1, CONGLOMÉRAT

Composition: Polymitic pebble supported with 10-20% fine grained matrix, minor interval that are matrix supported and contain 30-40% pebbles, Pebbles and gravel size grains vary in composition, size and sharp but are dominantly rounded to subrounded with no larger than 5cm; S1 - Conglomerate Magnetism: Moderately magnetic Veinning: 2-3% mm scale calcite veinlets througout Structure: Moderate deformation and preferential alignment and flattening of pebbles at 30-40 TCA Alteration: Variable alteration Mineralization: 5-10% fine and medium grained disseminated and clustered Py mineralization Lower Contact: Gradational, fairly sudden decrease in abundance of pebbles. Contact is placed where fine grained matrix becomes dominant.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

250.70 - 266.70: PYR, DIS, 5.00, -, FGR, 5-10% fine and medium grained Py mineralization disseminated and clustered throughout at conglomerate

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115477 | 250.7 | 252.0 | 1.3 | 2.130 | | | | |
| CAOND115478 | 252.0 | 253.5 | 1.5 | 0.173 | | | | |
| CAOND115479 | 253.5 | 255.0 | 1.5 | 0.066 | | | | |
| CAOND115481 | 255.0 | 256.5 | 1.5 | 0.063 | | | | |
| CAOND115482 | 256.5 | 258.0 | 1.5 | 0.034 | | | | |
| CAOND115483 | 258.0 | 259.5 | 1.5 | 0.018 | | | | |
| CAOND115484 | 259.5 | 261.0 | 1.5 | 0.029 | | | | |
| CAOND115485 | 261.0 | 262.5 | 1.5 | 0.019 | | | | |
| CAOND115486 | 262.5 | 264.0 | 1.5 | 0.036 | | | | |
| CAOND115487 | 264.0 | 265.5 | 1.5 | 0.027 | | | | |

## Hole number: KLUC18-513

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
250.70 - 266.70: DFZ, 40.00, -, Moderate deformation, flattening and alignment of pebbles oriented at 40-50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115488 | 265.5 | 266.7 | 1.2 | 0.950 | | | | |

**Major: From:** 266.70 **To:** 288.20 S3, GRAUWACKE

Composition: Medium grained wacke with 1-5% pebble sized flattened grained, local intervals with up to 20% pebbles; S3 - Greywcke Magnetism: Moderately magnetic Veinning: 2-5% mm scale calcite veinlets Structure: Weak to moderate deformation at 40-60 TCa Alteration: Weak calcite Mineralization: Localy clusters of 5% disseminated Py mineralization Lower Contact: Sharp; oriented at 60 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115489 | 266.7 | 268.0 | 1.3 | 0.418 | | | | |
| CAOND115491 | 268.0 | 269.5 | 1.5 | 0.017 | | | | |
| CAOND115492 | 269.5 | 271.0 | 1.5 | 0.011 | | | | |
| CAOND115493 | 271.0 | 272.5 | 1.5 | 0.011 | | | | |
| CAOND115494 | 272.5 | 274.0 | 1.5 | 0.016 | | | | |
| CAOND115495 | 274.0 | 275.5 | 1.5 | 0.017 | | | | |
| CAOND115496 | 275.5 | 277.0 | 1.5 | 0.040 | | | | |
| CAOND115497 | 277.0 | 278.5 | 1.5 | 0.029 | | | | |
| CAOND115498 | 278.5 | 280.0 | 1.5 | 0.017 | | | | |
| CAOND115499 | 280.0 | 281.5 | 1.5 | 0.012 | | | | |
| CAOND115501 | 281.5 | 283.0 | 1.5 | 0.010 | | | | |
| CAOND115502 | 283.0 | 284.5 | 1.5 | 0.023 | | | | |
| CAOND115503 | 284.5 | 286.0 | 1.5 | 0.016 | | | | |
| CAOND115504 | 286.0 | 287.0 | 1.0 | 0.012 | | | | |
| CAOND115505 | 287.0 | 288.2 | 1.2 | 0.031 | | | | |

**Major: From:** 288.20 **To:** 296.50 I2Dp, Porphyritic Syenite

Composition: Dark purplish fine grained matrix with 80-90 % medium grained subhedral, pale pinkish grey and medium pink phenocrysts; I2Dp - Porphyritic syenite Magnetism: Non-magnetic Veinning: 1% deformed qtz-cal veinning Structure: Weakly deformed and preferentially aligned Alteration: Moderate calcite and weak to moderate hem. Mineralization: 2-3% very fine grained disseminated py mineralization throughout Lower Contact: Sharp; oriented at 50 TCA

**MINOR INTERVAL**
291.20 - 291.80: DZMinor xenolith? or Shear zone. Strong to instensely sheared; oriented at 35 TCA. Strong pervasive chlorite alteration and strong patchy caclite. 1x 1cm thick qtz vein. 1-2% very fine grained disseminated Py mineralization. Sharp upper and lower contacts at 35 TCA.

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
291.10 - 291.20: CCT, 35.00, -, Sharp upper contact at 35 TCA
291.20 - 291.80: DFZ, 35.00, STRONG, Strong shearing at 35 TCA and strong chl alteration
291.20 - 291.80: SHR, 35.00, STRONG, Strong shearing at 35 TCA and strong chl alteration
291.70 - 291.80: CCT, 35.00, -, Sharp lower contact at 35 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115506 | 288.2 | 289.0 | 0.8 | 0.011 | | | | |
| CAOND115507 | 289.0 | 290.0 | 1.0 | 0.021 | | | | |
| CAOND115508 | 290.0 | 291.2 | 1.2 | 0.016 | | | | |
| CAOND115509 | 291.2 | 291.8 | 0.6 | 0.014 | | | | |
| CAOND115510 | 291.8 | 293.0 | 1.2 | 0.003 | | | | |
| CAOND115511 | 293.0 | 294.0 | 1.0 | 0.003 | | | | |
| CAOND115512 | 294.0 | 295.5 | 1.5 | 0.007 | | | | |
| CAOND115513 | 295.5 | 296.5 | 1.0 | 0.005 | | | | |

**Hole number:** KLUC18-513

296.40 - 296.50: CCT, 35.00, -, Sharp lower contact at 35 TCA

**Major:** **From:** 296.50 **To:** 297.40 DZ, Deformation Zone

Minor xenolith? or Shear zone. Strong to instensely sheared; oriented at 35 TCA. Strong pervasive chlorite alteration and strong patchy calcite. 1% mm scale deformed qtz vein. No observed mineralization. Sharp upper and lower contacts at 35 TCA.

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

296.50 - 297.40: DFZ, 35.00, STRONG, Strong shearing at 35 TCA and strong chl alteration
296.50 - 297.40: SHR, 35.00, STRONG, Strong shearing at 35 TCA and strong chl alteration
297.30 - 297.40: CCT, 35.00, -, Sharp lower contact at 35 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115514 | 296.5 | 297.4 | 0.9 | 0.009 | | | | |

**Major:** **From:** 297.40 **To:** 312.80 S3, GRAUWACKE

Composition: Dominantly medium to dark green, medium grained wacke with 1-5% pebble sized flattened grains 1-2cm in size locally up to 5cm, minor intervals with up to 20% pebbles; S3 - Greywcke Magnetism: Moderately magnetic Veinning: 10% milky white mm scale qtz - (ank or ab?) veinlets, 3% chaotic qtz-hem- (ank or ab?) veinning Structure: Moderate to strong deformation with moderate preferential alignment at 40-50 TCA Alteration: Weak patchy Se and weak calcite Mineralization: 1-2% very fine grained Py mineralization Lower Contact: Sharp but shear and altered

**STRUCTURE**

TYPE/CORE_ORIENT/INTENSITY/COMMENTS

297.40 - 312.80: DFZ, 40.00, MOD, Moderate deformation at 40-50 TCA
297.40 - 312.80: FOL, 40.00, MOD, Moderate foliation at 40-50 TCA

**VEIN**

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS

301.00 - 308.40: QTZ, 10.00, -, -, -, -, -, -, 10% mm scale milky white qtz- (ank or ab?) veinlets, parallel to deformation and distributed throughout a wacke. locally chaotically folded
308.40 - 309.30: QTZ, 40.00, -, -, -, -, -, -, 40% chaotic qtz-hem - (ank or ab?) veinning

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115516 | 297.4 | 298.5 | 1.1 | 0.012 | | | | |
| CAOND115517 | 298.5 | 300.0 | 1.5 | 0.020 | | | | |
| CAOND115518 | 300.0 | 301.0 | 1.0 | 0.010 | | | | |
| CAOND115519 | 301.0 | 302.0 | 1.0 | 0.024 | | | | |
| CAOND115521 | 302.0 | 303.5 | 1.5 | 0.011 | | | | |
| CAOND115522 | 303.5 | 305.0 | 1.5 | 0.018 | | | | |
| CAOND115523 | 305.0 | 306.5 | 1.5 | 0.017 | | | | |
| CAOND115524 | 306.5 | 308.0 | 1.5 | 0.013 | | | | |
| CAOND115526 | 308.0 | 309.5 | 1.5 | 0.011 | | | | |
| CAOND115527 | 309.5 | 311.0 | 1.5 | 0.027 | | | | |
| CAOND115528 | 311.0 | 312.0 | 1.0 | 0.140 | | | | |
| CAOND115529 | 312.0 | 312.8 | 0.8 | 0.025 | | | | |

**Major:** **From:** 312.80 **To:** 323.70 PORPH, porphyry

Composition: Melange of altered and deformed pophyry intruded in altered and deformed wacke with chaotic qtz- (ank or ab?) veinning; PORPH - Porphyry Magnetism: Non magnetic Veinning: 20% chaotic qtz - (ank or ab?) veinning Structure: Moderate to strongly deformed Alteration: Moderate to strong hematite Mineralization: 1-2% very fine grained PY mineralization Lower Contact: sharp but irregular Minor units: 314.4 -315.4m = wacke 316.1-317.4m = altered wacke

**MINOR INTERVAL**

314.40 - 315.40: S3Minor unit of deformed wacke occuring between porphyry intrusion

**MINOR INTERVAL**

316.10 - 317.40: S3Minor unit of strongly altered and deformed wacke??

**MINERALIZATION**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115531 | 312.8 | 313.8 | 1.0 | 0.011 | | | | |
| CAOND115532 | 313.8 | 314.4 | 0.6 | 0.007 | | | | |
| CAOND115533 | 314.4 | 315.4 | 1.0 | 0.014 | | | | |
| CAOND115534 | 315.4 | 316.1 | 0.7 | 0.012 | | | | |
| CAOND115535 | 316.1 | 317.4 | 1.3 | 0.026 | | | | |
| CAOND115536 | 317.4 | 318.0 | 0.6 | 0.074 | | | | |
| CAOND115537 | 318.0 | 319.0 | 1.0 | 0.034 | | | | |
| CAOND115538 | 319.0 | 319.9 | 0.9 | 0.016 | | | | |

## Hole number: KLUC18-513

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
316.10 - 317.40: PYR, DIS, 10.00, -, FGR, 10% f.gr. diss. Py
317.40 - 323.70: PYR, DIS, 5.00, -, VFG, 5% v.f.gr. diss. Py

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/COMMENTS
312.80 - 314.40: HEM+, PEN, STRONG, -, -, Strong pervasive hem alt.
316.10 - 317.40: SER+, PAT, STRONG, -, -, Strong patchy sericite alteration

**STRUCTURE**
TYPE/CORE_ORIENT/INTENSITY/COMMENTS
312.80 - 323.70: DFZ, -, MOD, Moderate to strong chaotic deformation

**VEIN**
TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS
312.80 - 314.40: QTZ, 5.00, -, -, -, -, -, -, 5% irregular and chaotic qtz - (ank or ab?) veinlets
315.40 - 316.10: QTZ, 3.00, -, -, -, -, -, -, 3% irregular and chaotic qtz - (ank or ab?) veinlets, up to 4cm thick at upper contact
317.40 - 323.70: QtzAnk, 20.00, -, -, -, -, -, -, 20% irregular, chaotic and deformed pale grey with patches of milky white qtz - (ank or ab?) veinning

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115539 | 319.9 | 320.9 | 1.0 | 0.015 | | | | |
| CAOND115541 | 320.9 | 321.8 | 0.9 | 0.012 | | | | |
| CAOND115542 | 321.8 | 322.8 | 1.0 | 0.021 | | | | |
| CAOND115543 | 322.8 | 323.7 | 0.9 | 0.011 | | | | |

**Major:** **From:** 323.70 **To:** 329.70 S3, GRAUWACKE

Composition: Dominantly medium to dark green, medium grained wacke with 1-3% poloymitic pebble sized flattened grains 1-2cm in size; S3 - Greywcke Magnetism: Moderately magnetic Veinning: 2-3% mm scale calcite veinlets Structure: Weak deformation and preferential alignment at 40-50 TCA Alteration: Weak to moderate calcite Mineralization: 1-2% very fine grained Py mineralization Lower Contact: Sharp but irregular

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115544 | 323.7 | 325.0 | 1.3 | 0.078 | | | | |
| CAOND115546 | 325.0 | 326.5 | 1.5 | 0.044 | | | | |
| CAOND115547 | 326.5 | 328.0 | 1.5 | 0.020 | | | | |
| CAOND115548 | 328.0 | 329.0 | 1.0 | 0.038 | | | | |
| CAOND115549 | 329.0 | 329.7 | 0.7 | 0.022 | | | | |

**Major:** **From:** 329.70 **To:** 330.80 I2Dp, Porphyritic Syenite

Composition: Dark purplish fine grained matrix with 1-3% medium grained subhedral, pale pinkish grey and medium pink phenocrysts; I2Dp - Porphyritic syenite Magnetism: Non-magnetic Veinning: 1-2% mm scale, discontinuous pale pink calcite veinlets Structure: Undeformed Alteration: Moderate calcite alteration Mineralization: 2-3% very fine grained disseminated py mineralization throughout Lower Contact: Sharp but irregular

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115551 | 329.7 | 330.8 | 1.1 | 0.014 | | | | |

**Major:** **From:** 330.80 **To:** 351.00 S3, GRAUWACKE

Composition: Dominantly medium to dark green, medium grained wacke with 1-3% poloymitic pebble sized flattened grains 1-2cm in size; S3 - Greywcke Magnetism: Moderately magnetic Veinning: 2-3% mm scale calcite veinlets Structure: Weak deformation and preferential alignment at 40-50 TCA. 3-4x 2-3cm thick strongly sheared intervals Alteration: Weak to moderate calcite and weak to moderate chlorite Mineralization: 1-2% very fine grained Py mineralization with minor clusters of 5-8% dissemianted Py Lower Contact: Not reached 341.8 - 351m = unit appears to be compositionally similar

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115552 | 330.8 | 332.0 | 1.2 | 0.014 | | | | |
| CAOND115553 | 332.0 | 333.5 | 1.5 | 0.043 | | | | |
| CAOND115554 | 333.5 | 335.0 | 1.5 | 0.012 | | | | |
| CAOND115555 | 335.0 | 336.5 | 1.5 | 0.003 | | | | |
| CAOND115556 | 336.5 | 338.0 | 1.5 | 0.053 | | | | |

**Hole number: KLUC18-513**

to above, but paler color, bleaching? with 5% disseminated PY mineralization

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

340.00 - 351.00: PYR, DIS, 5.00, -, FGR, 5-8% f.gr. diss. Py

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115557 | 338.0 | 339.0 | 1.0 | 0.028 | | | | |
| CAOND115558 | 339.0 | 340.5 | 1.5 | 0.033 | | | | |
| CAOND115559 | 340.5 | 341.8 | 1.3 | 0.095 | | | | |
| CAOND115561 | 341.8 | 343.0 | 1.2 | 0.045 | | | | |
| CAOND115562 | 343.0 | 344.0 | 1.0 | 0.147 | | | | |
| CAOND115563 | 344.0 | 345.0 | 1.0 | 0.026 | | | | |
| CAOND115564 | 345.0 | 346.5 | 1.5 | 0.014 | | | | |
| CAOND115565 | 346.5 | 348.0 | 1.5 | 0.017 | | | | |
| CAOND115566 | 348.0 | 349.5 | 1.5 | 0.030 | | | | |
| CAOND115567 | 349.5 | 351.0 | 1.5 | 0.025 | | | | |

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 27.0 | 30.0 | 83.00 | 100.00 | | | N | |
| 30.0 | 33.0 | 62.00 | 100.00 | | | N | |
| 33.0 | 36.0 | 87.00 | 100.00 | | | N | |
| 36.0 | 39.0 | 90.00 | 100.00 | | | N | |
| 39.0 | 42.0 | 75.00 | 100.00 | | | N | |
| 42.0 | 45.0 | 93.00 | 100.00 | | | N | |
| 45.0 | 48.0 | 77.00 | 100.00 | | | N | |
| 48.0 | 51.0 | 100.00 | 100.00 | | | N | |
| 51.0 | 54.0 | 95.00 | 100.00 | | | N | |
| 54.0 | 57.0 | 97.00 | 100.00 | | | N | |
| 57.0 | 60.0 | 98.00 | 100.00 | | | N | |
| 60.0 | 63.0 | 97.00 | 100.00 | | | N | |
| 63.0 | 66.0 | 83.00 | 100.00 | | | N | |
| 66.0 | 69.0 | 87.00 | 100.00 | | | N | |
| 69.0 | 72.0 | 97.00 | 100.00 | | | N | |
| 72.0 | 75.0 | 82.00 | 100.00 | | | N | |
| 75.0 | 78.0 | 93.00 | 100.00 | | | N | |
| 78.0 | 81.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC18-513

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 81.0 | 84.0 | 83.00 | 100.00 | | | N | |
| 84.0 | 87.0 | 80.00 | 100.00 | | | N | |
| 87.0 | 90.0 | 97.00 | 100.00 | | | N | |
| 90.0 | 93.0 | 95.00 | 100.00 | | | N | |
| 93.0 | 96.0 | 100.00 | 100.00 | | | N | |
| 96.0 | 99.0 | 97.00 | 100.00 | | | N | |
| 99.0 | 102.0 | 98.00 | 100.00 | | | N | |
| 102.0 | 105.0 | 95.00 | 100.00 | | | N | |
| 105.0 | 108.0 | 95.00 | 100.00 | | | N | |
| 108.0 | 111.0 | 98.00 | 100.00 | | | N | |
| 111.0 | 114.0 | 100.00 | 100.00 | | | N | |
| 114.0 | 117.0 | 100.00 | 100.00 | | | N | |
| 117.0 | 120.0 | 100.00 | 100.00 | | | N | |
| 120.0 | 123.0 | 97.00 | 100.00 | | | N | |
| 123.0 | 126.0 | 93.00 | 100.00 | | | N | |
| 126.0 | 129.0 | 92.00 | 100.00 | | | N | |
| 129.0 | 132.0 | 97.00 | 100.00 | | | N | |
| 132.0 | 135.0 | 100.00 | 100.00 | | | N | |
| 135.0 | 138.0 | 98.00 | 100.00 | | | N | |
| 138.0 | 141.0 | 95.00 | 100.00 | | | N | |
| 141.0 | 144.0 | 98.00 | 100.00 | | | N | |
| 144.0 | 147.0 | 97.00 | 100.00 | | | N | |
| 147.0 | 150.0 | 98.00 | 100.00 | | | N | |
| 150.0 | 153.0 | 97.00 | 100.00 | | | N | |
| 153.0 | 156.0 | 100.00 | 100.00 | | | N | |
| 156.0 | 159.0 | 100.00 | 100.00 | | | N | |
| 159.0 | 162.0 | 100.00 | 100.00 | | | N | |
| 162.0 | 165.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC18-513

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 165.0 | 168.0 | 97.00 | 100.00 | | | N | |
| 168.0 | 171.0 | 100.00 | 100.00 | | | N | |
| 171.0 | 174.0 | 100.00 | 100.00 | | | N | |
| 174.0 | 177.0 | 93.00 | 100.00 | | | N | |
| 177.0 | 180.0 | 97.00 | 100.00 | | | N | |
| 180.0 | 183.0 | 97.00 | 100.00 | | | N | |
| 183.0 | 186.0 | 97.00 | 100.00 | | | N | |
| 186.0 | 189.0 | 93.00 | 100.00 | | | N | |
| 189.0 | 192.0 | 77.00 | 100.00 | | | N | |
| 192.0 | 195.0 | 95.00 | 100.00 | | | N | |
| 195.0 | 198.0 | 67.00 | 100.00 | | | N | |
| 198.0 | 201.0 | 88.00 | 100.00 | | | N | |
| 201.0 | 204.0 | 95.00 | 100.00 | | | N | |
| 204.0 | 207.0 | 87.00 | 100.00 | | | N | |
| 207.0 | 210.0 | 100.00 | 100.00 | | | N | |
| 210.0 | 213.0 | 97.00 | 100.00 | | | N | |
| 213.0 | 216.0 | 97.00 | 100.00 | | | N | |
| 216.0 | 219.0 | 95.00 | 100.00 | | | N | |
| 219.0 | 222.0 | 82.00 | 100.00 | | | N | |
| 222.0 | 225.0 | 87.00 | 100.00 | | | N | |
| 225.0 | 228.0 | 93.00 | 100.00 | | | N | |
| 228.0 | 231.0 | 68.00 | 100.00 | | | N | |
| 231.0 | 234.0 | 97.00 | 100.00 | | | N | |
| 234.0 | 237.0 | 97.00 | 100.00 | | | N | |
| 237.0 | 240.0 | 100.00 | 100.00 | | | N | |
| 240.0 | 243.0 | 100.00 | 100.00 | | | N | |
| 243.0 | 246.0 | 100.00 | 100.00 | | | N | |
| 246.0 | 249.0 | 97.00 | 100.00 | | | N | |

**Hole number:** KLUC18-513

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 249.0 | 252.0 | 93.00 | 100.00 | | | N | |
| 252.0 | 255.0 | 92.00 | 100.00 | | | N | |
| 255.0 | 258.0 | 93.00 | 100.00 | | | N | |
| 258.0 | 261.0 | 100.00 | 100.00 | | | N | |
| 261.0 | 264.0 | 100.00 | 100.00 | | | N | |
| 264.0 | 267.0 | 100.00 | 100.00 | | | N | |
| 267.0 | 270.0 | 97.00 | 100.00 | | | N | |
| 270.0 | 273.0 | 97.00 | 100.00 | | | N | |
| 273.0 | 276.0 | 95.00 | 100.00 | | | N | |
| 276.0 | 279.0 | 98.00 | 100.00 | | | N | |
| 279.0 | 282.0 | 95.00 | 100.00 | | | N | |
| 282.0 | 285.0 | 95.00 | 100.00 | | | N | |
| 285.0 | 288.0 | 95.00 | 100.00 | | | N | |
| 288.0 | 291.0 | 87.00 | 100.00 | | | N | |
| 291.0 | 294.0 | 83.00 | 100.00 | | | N | |
| 294.0 | 297.0 | 88.00 | 100.00 | | | N | |
| 297.0 | 300.0 | 95.00 | 100.00 | | | N | |
| 300.0 | 303.0 | 100.00 | 100.00 | | | N | |
| 303.0 | 306.0 | 100.00 | 100.00 | | | N | |
| 306.0 | 309.0 | 82.00 | 100.00 | | | N | |
| 309.0 | 312.0 | 85.00 | 100.00 | | | N | |
| 312.0 | 315.0 | 70.00 | 100.00 | | | N | |
| 315.0 | 318.0 | 80.00 | 100.00 | | | N | |
| 318.0 | 321.0 | 72.00 | 100.00 | | | N | |
| 321.0 | 324.0 | 90.00 | 100.00 | | | N | |
| 324.0 | 327.0 | 92.00 | 100.00 | | | N | |
| 327.0 | 330.0 | 98.00 | 100.00 | | | N | |
| 330.0 | 333.0 | 82.00 | 100.00 | | | N | |

**Hole number:** KLUC18-513

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 333.0 | 336.0 | 100.00 | 100.00 | | | N | |
| 336.0 | 339.0 | 100.00 | 100.00 | | | N | |
| 339.0 | 342.0 | 95.00 | 100.00 | | | N | |
| 342.0 | 345.0 | 92.00 | 100.00 | | | N | |
| 345.0 | 348.0 | 100.00 | 100.00 | | | N | |
| 348.0 | 351.0 | 97.00 | 100.00 | | | N | |

AGNICO EAGLE

# DRILL HOLE REPORT

EXPLORATION CANADA
ONTARIO

**Hole number:** KLUC18-514 **Project Number:** U_Canada **Project name:** Upper Canada

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Historic hole number:** | | **Collar survey:** | Y | **From:** | 0.0 | **Coordinates:** | P |
| **System:** | METRIC | **Verified:** | N | **To:** | 84.0 | **Grid:** | UTM83-17_CSRS-2010: |
| **Target:** | UC_NORTHLAND | **Gas:** | N | **Depth:** | 84.0 | **North:** | 5,332,687.57 |
| **No. Claim:** | PAT-18822 | **Multishot survey:** | N | **Location:** | Surface | **East:** | 585,623.47 |
| **Year:** | 2 018 | **Is making water:** | N | **Core storage:** | Exploration Camp | **Elevation:** | 349.50 |
| **Date started:** | 2018-10-07 | **Object in hole:** | N | **Contractor:** | Asinii Drilling | **Collar dip:** | -45.66 |
| **Date logged:** | 2018-10-09 | **Pulse EM survey:** | N | **Logged by:** | Melanie Bouchard | **Collar azimuth:** | 346.92 |
| **Date completed:** | 2018-10-08 | **Plugged:** | N | **Signature:** | Mélanie Bouchard | | |
| **Core size:** | NQ | **Cemented:** | N | | M.Oosterman | | |
| **Hole type:** | EXP | **Branch:** | N | | | | |
| **Casing:** | Left in Hole, capped | **Reserve:** | N | | | | |
| **Logging status:** | Signed | | | | | | |
| **Rig number:** | 0102 | | | | | | |

**Additionnal sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Propsed hole: UCP18-047, Drill Rig: 102, Stabilization: 1 hex core barrel and two 9" shell, Targeting: Pit shell / northland zone. Hole collared in diorite - diabase therefore stopped and abandonned at 84m. Casing was left in hole. Hole was drilled by Asinii Drilling Canada Inc.

**Survey data**

| Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments | Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 346.92 | -45.66 | S | O | Collar surveyed | 18.0 | 344.70 | -43.80 | EZ | O | Mag. 56272 |
| 48.0 | 346.30 | -44.10 | EZ | O | Mag. 54280 | 78.0 | 347.20 | -44.00 | EZ | O | Mag. 54427 |

**Major:** **From:** 0.00 **To:** 9.10 OVB, Overburden

Overburden / casing

**Major:** **From:** 9.10 **To:** 84.00 I3B, Diabase

Composition: Dark bluish grey and pale green to yellowish green, medium grained, equigranular and massive with minor fine grained intervals locally - possibly chilled margins?; I3A - Gabbro Magnetism: Weakly to non magnetic Veinning: 1% white, irregular qtz veinning Structure: Undeformed but weakly fractured (mechanical?) Alteration: Minor moderate Ep alteration occuring in microfractures and margins. Mineralization: Trace to 2% very fine to fine grained Py mineralization throughout Lower Contact: Not reached

**MINOR INTERVAL**

71.50 - 71.60: I2D10cm thick, medium to dark reddish brown, fine grained syenite intrusion

**VEIN**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| KLUC18-514-SG1 | 14.5 | 15.0 | 0.5 | | | | | |
| Specific Gravity only, not cut or assayed | | | | | | | | |
| KLUC18-514-SG2 | 76.1 | 76.6 | 0.5 | | | | | |
| Specific Gravity only, not cut or assayed | | | | | | | | |

**Hole number:** KLUC18-514

TYPE/PCT/ANGLE/TRUE_WIDTH/TEXTURE/COLOR/MIN/MIN_PCT/COMMENTS
30.00 - 38.00: QTZ, -, -, -, -, -, -, -, 3% chaotic and irregular, 2-3cm thick, white qtz veinning

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 9.0 | 12.0 | 43.00 | 100.00 | | | N | |
| 12.0 | 15.0 | 57.00 | 100.00 | | | N | |
| 15.0 | 18.0 | 72.00 | 100.00 | | | N | |
| 18.0 | 21.0 | 83.00 | 100.00 | | | N | |
| 21.0 | 24.0 | 70.00 | 100.00 | | | N | |
| 24.0 | 27.0 | 82.00 | 100.00 | | | N | |
| 27.0 | 30.0 | 83.00 | 100.00 | | | N | |
| 30.0 | 33.0 | 93.00 | 100.00 | | | N | |
| 33.0 | 36.0 | 97.00 | 100.00 | | | N | |
| 36.0 | 39.0 | 98.00 | 100.00 | | | N | |
| 39.0 | 42.0 | 85.00 | 100.00 | | | N | |
| 42.0 | 45.0 | 98.00 | 100.00 | | | N | |
| 45.0 | 48.0 | 97.00 | 100.00 | | | N | |
| 48.0 | 51.0 | 80.00 | 100.00 | | | N | |
| 51.0 | 54.0 | 93.00 | 100.00 | | | N | |
| 54.0 | 57.0 | 80.00 | 100.00 | | | N | |
| 57.0 | 60.0 | 85.00 | 100.00 | | | N | |
| 60.0 | 63.0 | 97.00 | 100.00 | | | N | |
| 63.0 | 66.0 | 48.00 | 100.00 | | | N | |
| 66.0 | 69.0 | 80.00 | 100.00 | | | N | |
| 69.0 | 72.0 | 62.00 | 100.00 | | | N | |
| 72.0 | 75.0 | 73.00 | 100.00 | | | N | |
| 75.0 | 78.0 | 93.00 | 100.00 | | | N | |
| 78.0 | 81.0 | 77.00 | 100.00 | | | N | |
| 81.0 | 84.0 | 85.00 | 100.00 | | | N | |

**Hole number:** KLUC18-514

AGNICO EAGLE

# DRILL HOLE REPORT

## EXPLORATION CANADA ONTARIO

**Hole number:** KLUC18-515 **Project Number:** U_Canada **Project name:** Upper Canada

| | |
|---|---|
| **Historic hole number:** | |
| **System:** | METRIC |
| **Target:** | UC_NORTHLAND |
| **No. Claim:** | PAT-18822 |
| **Year:** | 2 018 |
| **Date started:** | 2018-10-08 |
| **Date logged:** | 2018-10-21 |
| **Date completed:** | 2018-10-11 |
| **Core size:** | NQ |
| **Hole type:** | EXP |
| **Casing:** | Left in Hole, capped |
| **Logging status:** | Signed |
| **Rig number:** | 0102 |

| | |
|---|---|
| **Collar survey:** | Y |
| **Verified:** | N |
| **Gas:** | N |
| **Multishot survey:** | N |
| **Is making water:** | N |
| **Object in hole:** | N |
| **Pulse EM survey:** | N |
| **Plugged:** | N |
| **Cemented:** | N |
| **Branch:** | N |
| **Reserve:** | N |

| | |
|---|---|
| **From:** | 0.0 |
| **To:** | 375.0 |
| **Depth:** | 375.0 |
| **Location:** | Surface |
| **Core storage:** | Exploration Camp |
| **Contractor:** | Asinii Drilling |
| **Logged by:** | Melanie Bouchard |
| **Signature:** | Mélanie Bouchard |
| | M.Oosterman |

| | |
|---|---|
| **Coordinates:** | P |
| **Grid:** | UTM83-17_CSRS-2010: |
| **North:** | 5,332,791.99 |
| **East:** | 585,359.03 |
| **Elevation:** | 361.79 |
| **Collar dip:** | -50.60 |
| **Collar azimuth:** | 161.70 |

**Additionnal sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Propsed hole: UCP18-046, Drill Rig: 102, Stabilization: 1 hex core barrel and two 9" shell, Targeting: Pit shell / northland zone. Drilling by new Asinii, Asinii drilling Canada inc..

**Assay average**

| Average type | From | To | Length | Width | Zone | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Pb_ppm | Ni_ppm | As_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WEIGHTED | 34.6 | 55.1 | 20.5 | | | | | | | | | |
| WEIGHTED | 102.6 | 111.3 | 8.7 | | | | | | | | | |
| WEIGHTED | 170.6 | 186.8 | 16.2 | | | | | | | | | |
| WEIGHTED | 186.8 | 209.8 | 23.0 | | | | | | | | | |

**Survey data**

| Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 161.70 | -50.60 | S | O | Drill surveyed |
| 42.0 | 165.70 | -50.60 | EZ | O | Mag.55389 |
| 102.0 | 165.50 | -50.40 | EZ | O | Mag.55197 |
| 162.0 | 164.30 | -50.00 | EZ | O | Mag.55170 |
| 222.0 | 165.00 | -49.80 | EZ | O | Mag.55641 |
| 282.0 | 164.60 | -49.50 | EZ | O | Mag. 55153 |
| 342.0 | 162.30 | -49.20 | EZ | O | Mag.54665 |
| 12.0 | 164.50 | -50.50 | EZ | O | Mag.57629 |
| 72.0 | 164.20 | -50.50 | EZ | O | Mag. 55546 |
| 132.0 | 164.70 | -50.20 | EZ | O | Mag.55254 |
| 192.0 | 164.30 | -50.00 | EZ | O | Mag.55122 |
| 252.0 | 160.70 | -49.70 | EZ | O | Mag. 55827 |
| 312.0 | 165.10 | -49.40 | EZ | O | Mag.54824 |
| 375.0 | 166.10 | -49.10 | EZ | O | Mag.54988 |

**Hole number:** KLUC18-515

| Certificate |
|---|
| TM18266620 |
| TM18268665 |
| TM18273872 |
| TM18276483 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505D18-013 | Excaon1 | CAOND115421 - CAOND115722 |
| CXE5505D18-014 | Excaon1 | CAOND115723 - CAOND115796 |
| CXE5505D18-015 | Excaon1 | CAOND115797 - CAOND115838 |
| CXE5505D18-016 | Excaon1 | CAOND115839 - CAOND115911 |
| CXE5505D19-050 | Excaon1 | CAOND113049 |
| | | CAOND113091 |
| | | CAOND113123 |
| | | CAOND113154 |
| | | CAOND113162 |
| | | CAOND113177 |
| | | CAOND113224 |
| | | CAOND113243 |
| | | CAOND113262 |
| | | CAOND113282 |
| | | CAOND113289 |
| | | CAOND113308 |
| | | CAOND113327 |
| | | CAOND113357 |
| | | CAOND113393 |
| | | CAOND113410 |
| | | CAOND113426 |
| | | CAOND113444 - CAOND113445 |
| | | CAOND113461 |
| | | CAOND113488 |
| | | CAOND113498 |
| | | CAOND113505 |
| | | CAOND113512 |
| | | CAOND113528 |
| | | CAOND113540 |
| | | CAOND113557 |
| | | CAOND113572 |
| | | CAOND113605 - CAOND113606 |
| | | CAOND113641 |
| | | CAOND113796 |
| | | CAOND113816 |
| | | CAOND113821 |
| | | CAOND113828 |
| | | CAOND113831 |
| | | CAOND113836 |
| | | CAOND113855 |

| Sample number | Standard |
|---|---|
| CAOND115570 | BLANK-DB |
| CAOND115575 | CDN-GS-5U-AEM |
| CAOND115590 | CDN-CM-28-AEM |
| CAOND115615 | CDN-CM-24-AEM |
| CAOND115620 | BLANK-DB |
| CAOND115630 | CDN-GS-5U-AEM |
| CAOND115645 | CDN-CM-28-AEM |
| CAOND115660 | CDN-CM-24-AEM |
| CAOND115670 | BLANK-DB |
| CAOND115675 | CDN-GS-5U-AEM |
| CAOND115690 | CDN-CM-28-AEM |
| CAOND115715 | CDN-CM-24-AEM |
| CAOND115720 | BLANK-DB |
| CAOND115730 | CDN-GS-5U-AEM |
| CAOND115745 | CDN-CM-28-AEM |
| CAOND115760 | CDN-CM-24-AEM |
| CAOND115770 | BLANK-DB |
| CAOND115775 | CDN-GS-5U-AEM |
| CAOND115790 | CDN-CM-28-AEM |
| CAOND115815 | CDN-CM-24-AEM |
| CAOND115820 | BLANK-DB |
| CAOND115830 | CDN-GS-5U-AEM |
| CAOND115845 | CDN-CM-28-AEM |
| CAOND115860 | CDN-CM-24-AEM |
| CAOND115870 | BLANK-DB |
| CAOND115875 | CDN-GS-5U-AEM |

**Hole number:** KLUC18-515

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND113894 |
| | | CAOND113942 |
| | | CAOND113964 |
| | | CAOND113974 |
| | | CAOND113978 |
| | | CAOND114017 |
| | | CAOND114032 |
| | | CAOND114049 |
| | | CAOND114077 |
| | | CAOND114145 |
| | | CAOND114152 |
| | | CAOND114154 |
| | | CAOND114517 |
| | | CAOND114524 |
| | | CAOND114534 |
| | | CAOND114553 |
| | | CAOND114589 |
| | | CAOND114606 |
| | | CAOND114608 |
| | | CAOND114635 |
| | | CAOND114658 - CAOND114659 |
| | | CAOND114683 |
| | | CAOND114701 |
| | | CAOND114708 |
| | | CAOND114719 - CAOND114720 |
| | | CAOND114740 |
| | | CAOND114753 |
| | | CAOND114774 |
| | | CAOND114803 |
| | | CAOND114823 |
| | | CAOND114852 |
| | | CAOND114855 |
| | | CAOND114859 |
| | | CAOND114896 |
| | | CAOND114908 |
| | | CAOND114911 |
| | | CAOND114914 |
| | | CAOND114926 |
| | | CAOND115001 |
| | | CAOND115013 |
| | | CAOND115019 |
| | | CAOND115040 |
| | | CAOND115062 |

**Hole number:** KLUC18-515

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND115072 - CAOND115073 |
| | | CAOND115077 |
| | | CAOND115212 |
| | | CAOND115272 - CAOND115273 |
| | | CAOND115316 |
| | | CAOND115322 |
| | | CAOND115370 - CAOND115371 |
| | | CAOND115411 |
| | | CAOND115418 |
| | | CAOND115442 |
| | | CAOND115472 |
| | | CAOND115497 |
| | | CAOND115509 - CAOND115510 |
| | | CAOND115512 |
| | | CAOND115531 |
| | | CAOND115542 |
| | | CAOND115546 |
| | | CAOND115562 |
| | | CAOND115591 |
| | | CAOND115595 - CAOND115596 |
| | | CAOND115607 - CAOND115609 |
| | | CAOND115611 |
| | | CAOND115620 |
| | | CAOND115640 |
| | | CAOND115655 |
| | | CAOND115659 |
| | | CAOND115718 |
| | | CAOND115732 - CAOND115733 |
| | | CAOND115740 |
| | | CAOND115748 |
| | | CAOND115769 |
| | | CAOND115778 |
| | | CAOND115785 |
| | | CAOND115812 |
| | | CAOND115827 |
| | | CAOND115905 |
| | | CAOND115911 |

*The sample list may content samples from other holes

**Major:** **From:** 353.40 **To:** 375.00 V8, Trachyte

Composition: Dark green and medium to dark grey, fine to medium grained, relatively massive, chaotic, strongle brittely deformed, ablitorated and fractured; V8 - trachyte. Difficult to make out any textures due to seerity of fracturing. Magnetism: Weak to moderate magnetism. Veinning: 1-2% discontinuous,

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115869 | 353.4 | 354.5 | 1.1 | 0.016 | | | | |
| CAOND115871 | 354.5 | 356.0 | 1.5 | 0.009 | | | | |

**Hole number:** KLUC18-515

mm scale calcite veinlets. Structure: Strong brittle deformation defined by network of healed microfractures and moderate to strong fracturing into rubble. Fracturing is chaotic and pieces are angular and sharp. Alteration: Moderate calcite. Mineralization: 5% very fine grained Py mineralization disseminated throughout. Lower Contact: Not reached.

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

353.40, 360.00, FRA, MOD, -, -, -, -, Moderate pervasive fracturing into 1-5 and 5-10cm thick, angular pieces

353.40, 375.00, DFZ, STRONG, -, -, -, -, Moderate gradually increasing to strong then back to moderate brittle deformation zone defined by moderate to strong pervasive fracturing

360.00, 368.00, FRA, STRONG, -, -, -, -, Strong pervasive fracturing into less than 1cm and 1-5cm thick, angular pieces

368.00, 375.00, FRA, MOD, -, -, -, -, Moderate pervasive fracturing into 5-10cm thick, angular pieces with minor intervals of pieces 1-5cm thick

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115872 | 356.0 | 357.5 | 1.5 | 0.018 | | | | |
| CAOND115873 | 357.5 | 359.0 | 1.5 | 0.017 | | | | |
| CAOND115874 | 359.0 | 360.0 | 1.0 | 0.019 | | | | |
| CAOND115876 | 360.0 | 361.5 | 1.5 | 0.026 | | | | |
| CAOND115877 | 361.5 | 363.0 | 1.5 | 0.036 | | | | |
| CAOND115878 | 363.0 | 364.5 | 1.5 | 0.069 | | | | |
| CAOND115879 | 364.5 | 366.0 | 1.5 | 0.029 | | | | |
| CAOND115881 | 366.0 | 367.5 | 1.5 | 0.051 | | | | |
| CAOND115882 | 367.5 | 369.0 | 1.5 | 0.087 | | | | |
| CAOND115883 | 369.0 | 370.5 | 1.5 | 0.150 | | | | |
| CAOND115884 | 370.5 | 372.0 | 1.5 | 0.068 | | | | |
| CAOND115885 | 372.0 | 373.5 | 1.5 | 0.036 | | | | |
| CAOND115886 | 373.5 | 375.0 | 1.5 | 0.047 | | | | |

**Major:** **From:** 12.60 **To:** 22.20 I2Dm, Mafic Syenite

Composition: Dark purplish brown, medium grained, massive with 1-2% dark green, 1-2cm sized, mafic xenoliths; I2Dm - Mafic syenite Magnetism: Moderately magnetic Veinning: 1-2% irregular qtz-cal veinning Structure: Weakly deformed Alteration: Moderate spotted calcite alteration Mineralization: 1-2% very fine grained Py mineralization Lower Contact: Sharp but irregular

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115578 | 12.6 | 14.0 | 1.4 | 0.182 | | | | |
| CAOND115579 | 14.0 | 15.5 | 1.5 | 0.254 | | | | |
| CAOND115581 | 15.5 | 17.0 | 1.5 | 0.091 | | | | |
| CAOND115582 | 17.0 | 18.0 | 1.0 | 0.403 | | | | |
| CAOND115583 | 18.0 | 18.9 | 0.9 | 0.042 | | | | |
| CAOND115584 | 18.9 | 20.0 | 1.1 | 0.138 | | | | |
| CAOND115585 | 20.0 | 21.0 | 1.0 | 0.053 | | | | |
| CAOND115586 | 21.0 | 22.2 | 1.2 | 0.041 | | | | |

**Major:** **From:** 22.20 **To:** 33.60 S1, CONGLOMÉRAT

Composition: Various colours, shapes (dominantly rounded to subrounded) and sizes (0.5-10cm) of polymitic, clast supported; S1 - Conglomerate Magnetism: Dominantly non-magnetic with local intervals of weak mangetism Veinning: 1% mm scale chaotic and whispy, white calcite veinlets Structure: Dominantly undeformed with localy weak to moderate flattening and alignment of clasts Alteration: Varies from one pebble to the next Mineralization: Clusters of 5-10% disseminated Py mineralization occuring within the clasts Lower Contact: Contact sharp but clusters of xenoliths? of conglomerate pebbles occuring over 1m

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115587 | 22.2 | 23.5 | 1.3 | 0.065 | | | | |
| CAOND115588 | 23.5 | 25.0 | 1.5 | 0.056 | | | | |
| CAOND115589 | 25.0 | 26.5 | 1.5 | 0.038 | | | | |
| CAOND115591 | 26.5 | 28.0 | 1.5 | 0.027 | | | | |
| CAOND115592 | 28.0 | 29.5 | 1.5 | 0.056 | | | | |
| CAOND115593 | 29.5 | 31.0 | 1.5 | 0.051 | | | | |
| CAOND115594 | 31.0 | 32.0 | 1.0 | 0.045 | | | | |
| CAOND115595 | 32.0 | 32.9 | 0.9 | 0.113 | | | | |
| CAOND115596 | 32.9 | 33.6 | 0.7 | 0.083 | | | | |

## Hole number: KLUC18-515

**Major:** **From:** 33.60 **To:** 34.60 CTZ, Contact Zone

Contact zone between conglomerate and syenite. Dominantly fine grained syenite intrusion but conatins 30-40 % clusters of conglomerate pebbles

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115597 | 33.6 | 34.6 | 1.0 | 0.241 | | | | |

**Major:** **From:** 34.60 **To:** 48.90 I2D, Syénite

Composition: Medium red color, fine grained, equigranular and massive, 1% random conglomerate xenoliths with 5% between 39-40m; I2D - Syenite Magnetism: Non magnetic Veinning: 1-2% mm scale qrz-cal veinning Structure: Underformed Alteration: Moderate pervasive potassic or hematitic alteration Mineralization: 1-2% very fine grained, locally 10% Py clustered in a conglomerate xenoliths Lower Contact: Sharp oriented at 45 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115598 | 34.6 | 36.0 | 1.4 | 0.016 | | | | |
| CAOND115599 | 36.0 | 37.5 | 1.5 | 0.022 | | | | |
| CAOND115601 | 37.5 | 39.0 | 1.5 | 0.020 | | | | |
| CAOND115602 | 39.0 | 40.5 | 1.5 | 0.024 | | | | |
| CAOND115603 | 40.5 | 42.0 | 1.5 | 0.035 | | | | |
| CAOND115604 | 42.0 | 43.0 | 1.0 | 0.021 | | | | |
| CAOND115605 | 43.0 | 44.0 | 1.0 | 0.026 | | | | |
| CAOND115606 | 44.0 | 45.5 | 1.5 | 0.015 | | | | |
| CAOND115607 | 45.5 | 47.0 | 1.5 | 0.025 | | | | |
| CAOND115608 | 47.0 | 48.0 | 1.0 | 0.015 | | | | |
| CAOND115609 | 48.0 | 48.9 | 0.9 | 0.126 | | | | |

**Major:** **From:** 48.90 **To:** 50.70 I2Dp, Porphyritic Syenite

Composition: Medium red color, medium grained, porphiritc; I2Dp - porphyritic syenite Magnetism: Non magnetic Veinning: 1-2% mm scale qrz-cal veinning Structure: Underformed Alteration: Moderate pervasive potassic or hematitic alteration Mineralization: 5% medium and fine grained Py disseminated throughout Lower Contact: Sharp oriented at 40 TCA

**MINOR INTERVAL**

48.90 - 49.40: S1Minor unit of strongly altered conglomerate sandwiched between a syenite and porphyritic syenite

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

48.90, 50.70, PYR, DIS, 5.00, -, MGR, 5% medium and fine grained Py disseminated

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115610 | 48.9 | 49.4 | 0.5 | 0.093 | | | | |
| CAOND115611 | 49.4 | 50.7 | 1.3 | 0.073 | | | | |

**Major:** **From:** 50.70 **To:** 55.10 I2D, Syénite

Composition: Medium red to purplish red, fine grained, massive; I2D - Syenite Magnetism: Moderately magnetic Veinning: 1% calcite veinlets Structure: Undeformed Alteration: Moderate potassic or hematitic alteration Mineralization: 2-3% medium and fine grained disseminated Py mineralization Lower Contact: Sharp; oriented at 50 TCA

**MINOR INTERVAL**

50.70 - 51.60: I2DmDark purple, dark green with dark red patches, fine grained and massive mafic syenite. Sharp contacts are 40-50 TCA

**MINOR INTERVAL**

52.30 - 52.70: I2DmDark purple, dark green with dark red patches, fine grained and massive mafic

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115612 | 50.7 | 51.6 | 0.9 | 0.043 | | | | |
| CAOND115613 | 51.6 | 52.3 | 0.7 | 0.015 | | | | |
| CAOND115614 | 52.3 | 52.7 | 0.4 | 0.015 | | | | |
| CAOND115616 | 52.7 | 53.6 | 0.9 | 0.044 | | | | |
| CAOND115617 | 53.6 | 55.1 | 1.5 | 0.049 | | | | |

**Hole number:** KLUC18-515

syenite. Sharp contacts are 40-50 TCA

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
50.70, 55.10, PYR, DIS, 3.00, -, MGR, 3-5% medium and fine grained Py disseminated

**Major:** **From:** 55.10 **To:** 68.70 V8, Trachyte

Composition: Various multiple shades of reds, greens and browns, fine grained, chaotic and patchy; V8 - Trachyte Magnetism: Intervals of non, weak and moderate magnetism Veinning: 1% discontinuous calcite veinlets Structure: Moderate chaotic deformation Alteration: Moderate patchy chl, hem and calcite alteration Mineralization: 5% medium and fine grained disseminated Py mineralization throughout Lower Contact: Sharp oriented at 70 TCA

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
55.10, 68.70, PYR, DIS, 3.00, -, MGR, 3-5% medium and fine grained Py disseminated

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115618 | 55.1 | 56.5 | 1.4 | 0.033 | | | | |
| CAOND115619 | 56.5 | 57.8 | 1.3 | 0.082 | | | | |
| CAOND115621 | 57.8 | 58.6 | 0.8 | 0.169 | | | | |
| CAOND115622 | 58.6 | 59.1 | 0.5 | 0.032 | | | | |
| CAOND115623 | 59.1 | 60.5 | 1.4 | 0.032 | | | | |
| CAOND115624 | 60.5 | 62.0 | 1.5 | 0.192 | | | | |
| CAOND115626 | 62.0 | 63.5 | 1.5 | 0.138 | | | | |
| CAOND115627 | 63.5 | 65.0 | 1.5 | 0.047 | | | | |
| CAOND115628 | 65.0 | 66.5 | 1.5 | 0.022 | | | | |
| CAOND115629 | 66.5 | 68.0 | 1.5 | 0.060 | | | | |
| CAOND115631 | 68.0 | 68.7 | 0.7 | 0.045 | | | | |

**Major:** **From:** 68.70 **To:** 101.80 I2Dm, Mafic Syenite

Composition: Dark purplish red and brown and medium purplish grey, medium grained, massive with minor 1-2% mafic xenoliths; I2Dm - Mafic syenite Magnetism: Moderately magnetic Veinning: 2-3% mm scale, white calcite veinlets Structure: Undeformed Alteration: Moderate spotted calcite alteration, microfracture controlled chlorite alteration Mineralization: 3-5% fine grained Py mineralization disseminated throughout. Local clusters of 10-15% or more Py over 1-3cm associated with calcite veinlets and patches of calcite Lower Contact: Sharp, but irregular and wavy

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
68.70, 101.80, PYR, DIS, 3.00, -, FGR, 3-5% fine grained Py mineralization disseminated throughout. Local clusters of 10-15% or more Py over 1-3cm associated with calcite veinlets and patches of calcite

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115632 | 68.7 | 70.0 | 1.3 | 0.200 | | | | |
| CAOND115633 | 70.0 | 71.5 | 1.5 | 0.201 | | | | |
| CAOND115634 | 71.5 | 73.0 | 1.5 | 0.149 | | | | |
| CAOND115635 | 73.0 | 74.5 | 1.5 | 0.128 | | | | |
| CAOND115636 | 74.5 | 76.0 | 1.5 | 0.111 | | | | |
| CAOND115637 | 76.0 | 77.5 | 1.5 | 0.076 | | | | |
| CAOND115638 | 77.5 | 79.0 | 1.5 | 0.295 | | | | |
| CAOND115639 | 79.0 | 80.5 | 1.5 | 0.103 | | | | |
| CAOND115640 | 80.5 | 82.0 | 1.5 | 0.076 | | | | |
| CAOND115641 | 82.0 | 83.5 | 1.5 | 0.060 | | | | |
| CAOND115642 | 83.5 | 85.0 | 1.5 | 0.073 | | | | |
| CAOND115643 | 85.0 | 86.5 | 1.5 | 0.076 | | | | |
| CAOND115644 | 86.5 | 88.0 | 1.5 | 0.179 | | | | |
| CAOND115646 | 88.0 | 89.5 | 1.5 | 0.154 | | | | |
| CAOND115647 | 89.5 | 91.0 | 1.5 | 0.660 | | | | |
| CAOND115648 | 91.0 | 92.5 | 1.5 | 0.039 | | | | |

**Hole number:** KLUC18-515

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115649 | 92.5 | 94.0 | 1.5 | 0.242 | | | | |
| CAOND115651 | 94.0 | 95.5 | 1.5 | 0.069 | | | | |
| CAOND115652 | 95.5 | 97.0 | 1.5 | 0.106 | | | | |
| CAOND115653 | 97.0 | 98.5 | 1.5 | 0.296 | | | | |
| CAOND115654 | 98.5 | 100.0 | 1.5 | 0.348 | | | | |
| CAOND115655 | 100.0 | 101.0 | 1.0 | 0.421 | | | | |
| CAOND115656 | 101.0 | 101.8 | 0.8 | 0.124 | | | | |

**Major:** **From:** 101.80 **To:** 102.60 S1, CONGLOMÉRAT

Composition: Various colours, shapes (dominantly rounded to subrounded) and sizes (less than 0.5-4cm) of polymitic, clast supported; S1 - Conglomerate Magnetism: Non-magnetic Veinning: 1% mm scale chaotic and whispy, white calcite veinlets Structure: Moderate brittle deformation and fracturing of clasts with weak to moderate prefential alignment and flattening of clasts at 40-50 TCA Mineralization: Clusters of 3-5% disseminated Py mineralization Lower Contact: Brecciated contact over 1cm thick oriented at 40-50 TCA

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

101.80, 102.60, PYR, DIS, 3.00, -, FGR, 3-5% fine grained disseminated Py mineralization with local clusters

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115657 | 101.8 | 102.6 | 0.8 | 0.051 | | | | |

**Major:** **From:** 102.60 **To:** 111.30 I2D, Syénite

Composition: Medium red to purplish red, fine grained, massive; I2D - Syenite Magnetism: Non-magnetic Veinning: 1% calcite veinlets, 1% qtz-ank or ab? veinlets Structure: Undeformed Alteration: Weak potassic or hematitic alteration Mineralization: 5% fine grained disseminated Py mineralization locally clustered Lower Contact: Gradational, brecciated and altered occuring over 1m

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

102.60, 111.30, PYR, DIS, 5.00, -, FGR, 5% fine grained dissemianted Py locally clustered

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115658 | 102.6 | 103.5 | 0.9 | 0.080 | | | | |
| CAOND115659 | 103.5 | 105.0 | 1.5 | 0.054 | | | | |
| CAOND115661 | 105.0 | 106.5 | 1.5 | 0.042 | | | | |
| CAOND115662 | 106.5 | 108.0 | 1.5 | 0.075 | | | | |
| CAOND115663 | 108.0 | 109.5 | 1.5 | 0.042 | | | | |
| CAOND115664 | 109.5 | 110.5 | 1.0 | 0.024 | | | | |
| CAOND115665 | 110.5 | 111.3 | 0.8 | 0.043 | | | | |

**Major:** **From:** 112.30 **To:** 116.20 V8, Trachyte

Composition: Various shades of grey, green and red, dominantly fine grained, chaotic, possible melange of trachyte and mafic syenite??; V8 - Trachyte Magnetism: non magnetic Veinning: less than 1% discontinuous mm scale calcite veinlets Structure: Weak chaotic deformation Alteration: Moderate pervasive calcite Mineralization: trace to 1% disseminated, fine grained Py throughout with 2-3% fine grained disseminated Py towards lower contact Lower Contact: Sharp but irregular and wavy

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115667 | 112.3 | 113.5 | 1.2 | 0.027 | | | | |
| CAOND115668 | 113.5 | 115.0 | 1.5 | 0.053 | | | | |
| CAOND115669 | 115.0 | 116.2 | 1.2 | 0.025 | | | | |

**Major:** **From:** 116.20 **To:** 170.60 I2Dm, Mafic Syenite

Composition: Dark purplish grey, dark grey, medium reddish, fine grained and massive, varying in

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115671 | 116.2 | 117.5 | 1.3 | 0.017 | | | | |

**Hole number:** KLUC18-515

composition between syenite and mafic syenite with only gradational contacts between; I2Dm - Mafic syenite Magnetism: Non to weakly magnetic Veinning: 1-2% chaotic and discontinuous calcite and qtz-cal veinlets Structure: Undeformed to weakly chaotically deformed Alteration: Moderate pervasive calcite alteration Mineralization: 3-5% fine grained disseminated Py mineralization with local clusters of 5-20% fine and medium grained Py mineralization dominantly associated with calcite patches and veinlets Lower Contact: Sharp, but wavy and irregular 156-170.6m; intrusion becomes chaotic and appears to be brecciated - in situ brecciation

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

116.20, 120.00, PYR, DIS, 8.00, -, FGR, 8-10% fine grained disseminated Py mineralization throughout
120.00, 138.00, PYR, DIS, 2.00, -, FGR, 2-3% fine grained disseminated Py mineralization throughout with local clusters of 5-10% m.. and f.gr Py
138.00, 156.00, PYR, DIS, 10.00, -, FGR, 5-10% fine grained disseminated Py mineralization locally 10-20% Py occuring as clusters within calcite dominant patches and veinlets
156.00, 162.00, PYR, DIS, 10.00, -, FGR, 10% fine grained disseminated Py mineralization
162.00, 164.00, PYR, DIS, 20.00, -, FGR, 15-20% fine grained disseminated and clustered medium grained Py mineralization
164.00, 170.60, PYR, DIS, 10.00, -, FGR, 10% fine grained disseminated Py mineralization with minor clusters of semi-massive Py occuring in calcite veinlets

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115672 | 117.5 | 119.0 | 1.5 | 0.056 | | | | |
| CAOND115673 | 119.0 | 120.5 | 1.5 | 0.036 | | | | |
| CAOND115674 | 120.5 | 121.9 | 1.4 | 0.015 | | | | |
| CAOND115676 | 121.9 | 123.0 | 1.1 | 0.027 | | | | |
| CAOND115677 | 123.0 | 124.5 | 1.5 | 0.031 | | | | |
| CAOND115678 | 124.5 | 126.0 | 1.5 | 0.038 | | | | |
| CAOND115679 | 126.0 | 127.5 | 1.5 | 0.029 | | | | |
| CAOND115681 | 127.5 | 129.0 | 1.5 | 0.033 | | | | |
| CAOND115682 | 129.0 | 130.5 | 1.5 | 0.045 | | | | |
| CAOND115683 | 130.5 | 132.0 | 1.5 | 0.035 | | | | |
| CAOND115684 | 132.0 | 133.5 | 1.5 | 0.041 | | | | |
| CAOND115685 | 133.5 | 135.0 | 1.5 | 0.111 | | | | |
| CAOND115686 | 135.0 | 136.5 | 1.5 | 0.041 | | | | |
| CAOND115687 | 136.5 | 138.0 | 1.5 | 0.141 | | | | |
| CAOND115688 | 138.0 | 139.5 | 1.5 | 0.040 | | | | |
| CAOND115689 | 139.5 | 141.0 | 1.5 | 0.031 | | | | |
| CAOND115691 | 141.0 | 142.5 | 1.5 | 0.050 | | | | |
| CAOND115692 | 142.5 | 144.0 | 1.5 | 0.037 | | | | |
| CAOND115693 | 144.0 | 145.5 | 1.5 | 0.039 | | | | |
| CAOND115694 | 145.5 | 147.0 | 1.5 | 0.026 | | | | |
| CAOND115695 | 147.0 | 148.5 | 1.5 | 0.042 | | | | |
| CAOND115696 | 148.5 | 150.0 | 1.5 | 0.054 | | | | |
| CAOND115697 | 150.0 | 151.5 | 1.5 | 0.033 | | | | |
| CAOND115698 | 151.5 | 153.0 | 1.5 | 0.036 | | | | |
| CAOND115699 | 153.0 | 154.5 | 1.5 | 0.023 | | | | |
| CAOND115701 | 154.5 | 156.0 | 1.5 | 0.030 | | | | |
| CAOND115702 | 156.0 | 157.5 | 1.5 | 0.036 | | | | |
| CAOND115703 | 157.5 | 159.0 | 1.5 | 0.031 | | | | |
| CAOND115704 | 159.0 | 160.5 | 1.5 | 0.025 | | | | |
| CAOND115705 | 160.5 | 162.0 | 1.5 | 0.034 | | | | |
| CAOND115706 | 162.0 | 163.0 | 1.0 | 0.055 | | | | |
| CAOND115707 | 163.0 | 164.0 | 1.0 | 0.040 | | | | |
| CAOND115708 | 164.0 | 165.5 | 1.5 | 0.018 | | | | |

**Hole number:** KLUC18-515

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115709 | 165.5 | 167.0 | 1.5 | 0.112 | | | | |
| CAOND115710 | 167.0 | 168.0 | 1.0 | 0.044 | | | | |
| CAOND115711 | 168.0 | 169.5 | 1.5 | 0.053 | | | | |
| CAOND115712 | 169.5 | 170.6 | 1.1 | 0.048 | | | | |

**Major:** **From:** 170.60 **To:** 186.80 PORPH, porphyry

Composition: Medium to reddish grey and medium to dark purplish red, altered and porphyritic; PORPH - Porphyry Magnetism: Non magnetic Veinning: 1% mm scale chaotic qtz-calcite veinning Structure: Undeformed Alteration: Modrerate pervasive calcite altration Mineralization: 10-15% fine grained disseminated Py mineralization with local clusters of medium grained Py in calcite veinlets Lower Contact: Relatively sharp but irregular and altered

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

170.60, 186.80, PYR, DIS, 10.00, -, FGR, 10-15% fine grained disseminated Py mineralization with minor clusters of Py occuring in calcite veinlets

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115713 | 170.6 | 172.0 | 1.4 | 0.038 | | | | |
| CAOND115714 | 172.0 | 173.5 | 1.5 | 0.060 | | | | |
| CAOND115716 | 173.5 | 175.0 | 1.5 | 0.043 | | | | |
| CAOND115717 | 175.0 | 176.5 | 1.5 | 0.279 | | | | |
| CAOND115718 | 176.5 | 178.0 | 1.5 | 0.064 | | | | |
| CAOND115719 | 178.0 | 179.5 | 1.5 | 0.071 | | | | |
| CAOND115721 | 179.5 | 181.0 | 1.5 | 0.085 | | | | |
| CAOND115722 | 181.0 | 182.5 | 1.5 | 0.032 | | | | |
| CAOND115723 | 182.5 | 184.0 | 1.5 | 0.042 | | | | |
| CAOND115724 | 184.0 | 185.0 | 1.0 | 0.033 | | | | |
| CAOND115726 | 185.0 | 186.0 | 1.0 | 0.019 | | | | |
| CAOND115727 | 186.0 | 186.8 | 0.8 | 0.034 | | | | |

**Major:** **From:** 186.80 **To:** 209.80 bx, Breccia

Composition: Dominantly dark grey with patches of pale pink, pale grey and pale beige, fine grained, chaotically brecciated? into round to subrounded locally angular clasts of varying sizes, appears to be dominantly monolithic? possibly a lapilli tuff breccia?; bx - breccia. Magnetism: Non-magnetic. Veinning: 1-2% mm scale, discontinuous pink and white calcite veinlets Structure: Moderate brittle deformation to form breccia? Alteration: Moderate to strong spots and patches of calcite alteration throughout. Mineralization: 20% fine and medium grained Py mineralization throughout with local clusters occuring in veinlets and patches of calcite. Lower Contact: Relatively sharp but irregular and altered

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

186.80, 209.80, PYR, DIS, 20.00, -, FGR, 20% fine and medium grained Py mineralization throughout a brecciated interval with local clustered Py occuring in calcite patches and veinlets

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

186.80, 209.80, BRC, MOD, -, -, -, -, Moderate brecciation into rounded to subrounded and locally angular fine grained calsts and matrix, size of clasts vary significantly

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115728 | 186.8 | 188.0 | 1.2 | 0.021 | | | | |
| CAOND115729 | 188.0 | 189.5 | 1.5 | 0.024 | | | | |
| CAOND115731 | 189.5 | 191.0 | 1.5 | 0.034 | | | | |
| CAOND115732 | 191.0 | 192.5 | 1.5 | 0.038 | | | | |
| CAOND115733 | 192.5 | 194.0 | 1.5 | 0.070 | | | | |
| CAOND115734 | 194.0 | 195.5 | 1.5 | 0.033 | | | | |
| CAOND115735 | 195.5 | 197.0 | 1.5 | 0.066 | | | | |
| CAOND115736 | 197.0 | 198.5 | 1.5 | 0.122 | | | | |
| CAOND115737 | 198.5 | 200.0 | 1.5 | 0.075 | | | | |
| CAOND115738 | 200.0 | 201.5 | 1.5 | 0.057 | | | | |
| CAOND115739 | 201.5 | 203.0 | 1.5 | 0.050 | | | | |
| CAOND115740 | 203.0 | 204.5 | 1.5 | 0.136 | | | | |
| CAOND115741 | 204.5 | 206.0 | 1.5 | 0.081 | | | | |
| CAOND115742 | 206.0 | 207.5 | 1.5 | 0.110 | | | | |

**Hole number:** KLUC18-515

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115743 | 207.5 | 209.0 | 1.5 | 0.045 | | | | |
| CAOND115744 | 209.0 | 209.8 | 0.8 | 0.085 | | | | |

**Major:** **From:** 209.80 **To:** 213.40 I2D, Syénite

Composition: Medium salmon pink with minor patches of dark purplish grey, fine grained and massive; I2D - Syenite. Magnetism: Non magnetic. Veinning: 2-3% white and pale grey qtz-cal veinnning at no preferred orientation, 1-5mm with minor veins 1-2cm. Structure: Weak to moderate network of brittle microfracturing throughout. Alteration: Weak calcite alteration. Mineralization: 10-15% fine grained disseminated PY mineralization throughout with minor clusters of medium to coarse grained PY associated with fractures. Lower Contact: Sharp but irregular

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

209.80, 213.40, PYR, DIS, 10.00, -, FGR, 10-15% fine grained disseminated PY mineralization throughout with minor clusters of medium to coarse grained PY associated with fractures.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115746 | 209.8 | 211.0 | 1.2 | 0.071 | | | | |
| CAOND115747 | 211.0 | 212.5 | 1.5 | 0.046 | | | | |
| CAOND115748 | 212.5 | 213.4 | 0.9 | 0.069 | | | | |

**Major:** **From:** 213.40 **To:** 217.40 I2Dm, Mafic Syenite

Composition: Dark dark to purplish grey and medium to dark red, fine grained and massive; I2Dm - Mafic Syenite. Magnetism: Non magnetic. Veinning: 2-3% irregular qtz veinning, white and pale grey, 2-4cm thick. Structure: Weak to moderate network of brittle microfracturing throughout with weak to moderate in-situ brecciation. Alteration: Weak calcite alteration. Mineralization: 10-15% fine grained disseminated PY mineralization throughout with minor clusters of medium to coarse grained PY associated with fractures. Lower Contact: Sharp; oriented at 45 TCA

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

213.40, 217.40, PYR, DIS, 10.00, -, FGR, 10-15% fine grained disseminated PY mineralization throughout with minor clusters of medium to coarse grained PY associated with fractures.

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

213.40, 217.40, QTZ, 2.00, -, -, -, -, -, -, -, PYR, 10.00, 2-3% irregular, white and pale grey qtz veinning with minor chl and calcite. 2-4cm thick. 10-15% f.gr. diss. Py in host rock

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115749 | 213.4 | 214.2 | 0.8 | 0.067 | | | | |
| CAOND115751 | 214.2 | 215.4 | 1.2 | 0.061 | | | | |
| CAOND115752 | 215.4 | 216.4 | 1.0 | 0.036 | | | | |
| CAOND115753 | 216.4 | 217.4 | 1.0 | 0.059 | | | | |

**Major:** **From:** 2.30 **To:** 12.60 S1, CONGLOMÉRAT

Composition: Various colours, shapes (dominantly rounded to subrounded) and sizes (0.5-10cm) of polymitic, clast supported; S1 - Conglomerate Magnetism: Dominantly non-magnetic with local intervals of weak mangetism Veinning: 1% mm scale chaotic and whispy, white calcite veinlets Structure: Dominantly undeformed with localy weak to moderate flattening and alignment of clasts Alteration: Varies from one pebble to the next Mineralization: Clusters of 5-10% disseminated Py mineralization occuring within the clasts Lower Contact: Sharp but wavy and irregular

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115568 | 2.3 | 3.5 | 1.2 | 0.179 | | | | |
| CAOND115569 | 3.5 | 5.0 | 1.5 | 0.127 | | | | |
| CAOND115571 | 5.0 | 6.5 | 1.5 | 0.119 | | | | |
| CAOND115572 | 6.5 | 8.0 | 1.5 | 0.151 | | | | |
| CAOND115573 | 8.0 | 9.5 | 1.5 | 0.281 | | | | |

**Hole number:** KLUC18-515

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115574 | 9.5 | 10.5 | 1.0 | 0.136 | | | | |
| CAOND115576 | 10.5 | 11.5 | 1.0 | 0.041 | | | | |
| CAOND115577 | 11.5 | 12.6 | 1.1 | 0.047 | | | | |

**Major:** **From:** 217.40 **To:** 227.90 V8, Trachyte

Composition: Dominantly dark green and grey with patchees of brown, medium red and medium grey, medium grained, chaotic, grundgy appearance; V8 - Trachyte. Magnetism: Moderate to strongly magnetic. Veinning: 1% chaotic and discontinuous calcite veinlets. Structure: Weak to moderate chaotic deformation with moderate foliation at upper contact, oriented at 40-50 TCA. Alteration: Moderate to strong spotted caclite alteration. Mineralization: Trace fine grained Py mineralization. Lower Contact: Sharp; oriented at 45 TCA

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

217.40, 219.00, FOL, WEAK, 45.00, -, -, -, Weak to moderate foliation oriented at 40-50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115754 | 217.4 | 218.5 | 1.1 | 0.072 | | | | |
| CAOND115755 | 218.5 | 220.0 | 1.5 | 0.077 | | | | |
| CAOND115756 | 220.0 | 221.5 | 1.5 | 0.043 | | | | |
| CAOND115757 | 221.5 | 223.0 | 1.5 | 0.041 | | | | |
| CAOND115758 | 223.0 | 224.5 | 1.5 | 0.059 | | | | |
| CAOND115759 | 224.5 | 226.0 | 1.5 | 0.060 | | | | |
| CAOND115761 | 226.0 | 227.0 | 1.0 | 0.039 | | | | |
| CAOND115762 | 227.0 | 227.9 | 0.9 | 0.031 | | | | |

**Major:** **From:** 238.80 **To:** 243.10 V8, Trachyte

Composition: Dominantly dark green and grey with patchees of brown, medium red and medium grey, medium grained, chaotic, grundgy appearance and weakly pitted; V8 - Trachyte. Magnetism: Moderate to strongly magnetic. Veinning: 1-2% chaotic and discontinuous calcite veinlets. Structure: Weakly deformed. Alteration: Moderate to strong spotted caclite alteration. Mineralization: Trace fine grained Py mineralization. Lower Contact: Sharp but irregular

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115772 | 238.8 | 240.0 | 1.2 | 0.019 | | | | |
| CAOND115773 | 240.0 | 241.5 | 1.5 | 0.132 | | | | |
| CAOND115774 | 241.5 | 242.3 | 0.8 | 0.056 | | | | |
| CAOND115776 | 242.3 | 243.1 | 0.8 | 0.059 | | | | |

**Major:** **From:** 243.10 **To:** 247.10 I2D, Syénite

Composition: Medium to dark reddish brown, fine grained, massive; I2D - Syenite. Magnetism: Weak to moderately magnetic. Veinning: 5% irregular and chaotic cal-chl-qtz veinning. Structure: Weak microfracturing and local in-situ brecciation. Alteration: Weak calcite alteration. Mineralization: Trace fine grained Py mineralization. Lower Contact: Sharp but irregular.

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

243.10, 247.10, QTZ, 5.00, -, -, -, -, GRY_00025, -, VUG, -, -, 5% irregular, white and orangish pink, cal-chl-qtz veinning

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115777 | 243.1 | 244.5 | 1.4 | 0.039 | | | | |
| CAOND115778 | 244.5 | 246.0 | 1.5 | 0.067 | | | | |
| CAOND115779 | 246.0 | 247.1 | 1.1 | 0.092 | | | | |

**Major:** **From:** 111.30 **To:** 112.30 CTZ, Contact Zone

Brecciated, altered and chaotic contact zone between a syenite intrusion and possible trachyte

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115666 | 111.3 | 112.3 | 1.0 | 0.046 | | | | |

**Major:** **From:** 247.10 **To:** 250.90 V8, Trachyte

Composition: Dominantly dark green and grey with white to pinkish spots throughout, fine to medium grained; V8 - Trachyte. Magnetism: Moderate to strongly magnetic. Veinning: 2-3% chaotic and discontinuous calcite veinlets. Structure: Weakly deformed. Alteration: Moderate to strong spotted

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115781 | 247.1 | 248.5 | 1.4 | 0.064 | | | | |
| CAOND115782 | 248.5 | 250.0 | 1.5 | 0.194 | | | | |

**Hole number:** KLUC18-515

caclite alteration. Mineralization: 1-2% very fine grained dusting of Py mineralization. Lower Contact: Sharp; oriented at 20 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115783 | 250.0 | 250.9 | 0.9 | 0.060 | | | | |

**Major:** **From:** 250.90 **To:** 262.00 I2Dm, Mafic Syenite

Composition: Chaotic patches of dark purplish red, and medium and dark red, fine grained; I2Dm - Mafic syenite. Magnetism: Weak to moderately magnetic. Veinning: 1% fracture filled calcite. Structure: Moderate chaotic deformation. Alteration: Weak patchy caclite alteration. Mineralization: 5-10% fine grained disseminated Py mineralization, locally clustered. Lower Contact: Sharp; oriented at 45 TCA.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115784 | 250.9 | 252.0 | 1.1 | 0.043 | | | | |
| CAOND115785 | 252.0 | 253.5 | 1.5 | 0.035 | | | | |
| CAOND115786 | 253.5 | 255.0 | 1.5 | 0.027 | | | | |
| CAOND115787 | 255.0 | 256.5 | 1.5 | 0.048 | | | | |
| CAOND115788 | 256.5 | 258.0 | 1.5 | 0.034 | | | | |
| CAOND115789 | 258.0 | 259.0 | 1.0 | 0.026 | | | | |
| CAOND115791 | 259.0 | 260.5 | 1.5 | 0.043 | | | | |
| CAOND115792 | 260.5 | 262.0 | 1.5 | 0.060 | | | | |

**Major:** **From:** 262.00 **To:** 285.30 I2D, Syénite

Composition: Dominantly medium to dark orangish pink, but contains patches and pervasive intrervals of dark purplish pink and dark green, fine grained and massive, moderate to strongly brittely deformed; I2D - Syenite with possible intervals of mafic syenite to trachytic composition. Magnetism: Moderate to strongly magnetic Veinning: 1-2% mm scale pale grey and white qtz veinlets. Structure: Moderate to strong brittle deformation; networks of healed microfracturing and brecciations. Alteration: Weak calcite. Mineralization: Trace clustered Cp mineralization, 1% very fine grained disseminated Py mineralization, 2-3% specularite occuring in veins. Lower Contact: Sharp; oriented at 45 TCA

**MINOR INTERVAL**

272.00 - 272.20: CNRapprox. 20cm of missing core or core not recovered

**MINOR INTERVAL**

278.00 - 281.50: I2DmPossible minor interval of mafic syenite or trachytic unit?

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

262.00, 285.30, CPY, IRR, .50, -, FGR, 0.5-1% clustered Cp mineralization

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

262.00, 285.30, BRC, MOD, -, -, -, -, Moderate to strong in-situ brecciation associated with metwork of microfracturing

262.00, 285.30, CSF, MOD, -, -, -, -, Moderate to strong network of microfracturing

262.00, 285.30, DFZ, MOD, -, -, -, -, Moderate to strong brittle deformation

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115793 | 262.0 | 263.5 | 1.5 | 0.017 | | | | |
| CAOND115794 | 263.5 | 265.0 | 1.5 | 0.010 | | | | |
| CAOND115795 | 265.0 | 266.5 | 1.5 | 0.017 | | | | |
| CAOND115796 | 266.5 | 268.0 | 1.5 | 0.021 | | | | |
| CAOND115797 | 268.0 | 269.5 | 1.5 | 0.020 | | | | |
| CAOND115798 | 269.5 | 271.0 | 1.5 | 0.024 | | | | |
| CAOND115799 | 271.0 | 272.5 | 1.5 | 0.019 | | | | |
| CAOND115801 | 272.5 | 273.5 | 1.0 | 0.021 | | | | |
| CAOND115802 | 273.5 | 275.0 | 1.5 | 0.031 | | | | |
| CAOND115803 | 275.0 | 276.5 | 1.5 | 0.018 | | | | |
| CAOND115804 | 276.5 | 278.0 | 1.5 | 0.017 | | | | |
| CAOND115805 | 278.0 | 279.0 | 1.0 | 0.038 | | | | |
| CAOND115806 | 279.0 | 280.5 | 1.5 | 0.046 | | | | |
| CAOND115807 | 280.5 | 281.5 | 1.0 | 0.024 | | | | |
| CAOND115808 | 281.5 | 282.5 | 1.0 | 0.018 | | | | |
| CAOND115809 | 282.5 | 284.0 | 1.5 | 0.014 | | | | |
| CAOND115810 | 284.0 | 285.3 | 1.3 | 0.287 | | | | |

**Major:** **From:** 285.30 **To:** 289.70 V8mtl, Trachyte mafic tuff lapilli

Composition: Dark green, medium pink and pale grey to white; V8mtl - Mafic tracyte lapilli tuff. Magnetism: Weak to moderately magnetic. Veinning: 5% mm scale deformed pink and white calcite veinlets. Structure: Moderate to strong deformation oriented at 40-50 TCA. Alteration: Moderate to

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115811 | 285.3 | 286.2 | 0.9 | 0.123 | | | | |
| CAOND115812 | 286.2 | 287.0 | 0.8 | 0.030 | | | | |

**Hole number:** KLUC18-515

strong spotted calcite alteration. Mineralization: 5-10% fine grained Py mineralization disseminated throughout. Lower Contact: Sharp but grinded

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

285.30, 289.70, PYR, DIS, 5.00, -, FGR, 5-10% fine grained disseminated Py mineralization

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

285.30, 289.70, DFZ, MOD, 40.00, -, -, -, Moderate to strong deformation

285.30, 289.70, FOL, MOD, 40.00, -, -, -, Moderate to strong foliation oriented at 40-50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115813 | 287.0 | 288.5 | 1.5 | 0.044 | | | | |
| CAOND115814 | 288.5 | 289.7 | 1.2 | 0.052 | | | | |

**Major: From:** 289.70 **To:** 294.80 I2D, Syénite

Composition: Medium to dark red and purplish red, fine grained and massive; I2D - Syenite. Magnetism: Weak to moderately magnetic. Veinning: Rare mm scale calcite veinlets. Structure: Weak to moderate brittle deformation with in-situ brecciation. Alteration: Moderate spotted calcite alteration. Mineralization: 10-15% fine grained dissemianted Py mineralization. Lower Contact: Sharp; oriented at 50 TCA.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

289.70, 294.80, PYR, DIS, 10.00, -, FGR, 10-15% fine grained disseminated Py mineralization

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

289.70, 294.80, BRC, WEAK, -, -, -, -, Weak to moderate in-situ brecciation associated with network of microfracturing

289.70, 294.80, CSF, MOD, -, -, -, -, Moderate network of microfracturing

289.70, 294.80, DFZ, MOD, -, -, -, -, Moderate brittle deformation

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115816 | 289.7 | 291.0 | 1.3 | 0.186 | | | | |
| CAOND115817 | 291.0 | 292.5 | 1.5 | 0.215 | | | | |
| CAOND115818 | 292.5 | 294.0 | 1.5 | 0.329 | | | | |
| CAOND115819 | 294.0 | 294.8 | 0.8 | 0.249 | | | | |

**Major: From:** 294.80 **To:** 295.90 V8mtl, Trachyte mafic tuff lapilli

Composition: Dark green, medium pink and pale grey to white; V8mtl - Mafic tracyte lapilli tuff. Magnetism: Weak to moderately magnetic. Veinning: 5% mm scale deformed pink and white calcite veinlets. Structure: Moderate to strong deformation oriented at 40-50 TCA. Alteration: Moderate to strong spotted calcite alteration. Mineralization: 1-2% fine grained Py mineralization disseminated throughout. Lower Contact: Sharp but irregular

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

294.80, 295.90, PYR, DIS, 1.00, -, FGR, 1-2% fine grained disseminated Py mineralization

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

294.80, 295.90, DFZ, MOD, 40.00, -, -, -, Moderate deformation

294.80, 295.90, FOL, MOD, 40.00, -, -, -, Moderate foliation at 40-50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115821 | 294.8 | 295.9 | 1.1 | 0.174 | | | | |

## Hole number: KLUC18-515

**Major:** **From:** 295.90 **To:** 307.10 I2Dm, Mafic Syenite

Composition: Medium to dark red and medium purplish grey, fine to massive grained, melange of syenite to mafic syenite composition; I2Dm - Mafic syenite. Magnetism: Weak to moderately magnetic. Veinning: 2-3% mm scale calcite veinlets. Structure: Weak healed microfracturing. Alteration: Moderate spotty calcite alteration. Mineralization: 5-10% very fine and fine grained disseminated Py mineralization. Lower Contact: Gradational.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

295.90, 307.10, PYR, DIS, 5.00, -, FGR, 5-10% fine grained dissemianted Py mineralization

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115822 | 295.9 | 297.0 | 1.1 | 0.150 | | | | |
| CAOND115823 | 297.0 | 298.5 | 1.5 | 0.053 | | | | |
| CAOND115824 | 298.5 | 300.0 | 1.5 | 0.090 | | | | |
| CAOND115826 | 300.0 | 301.5 | 1.5 | 0.046 | | | | |
| CAOND115827 | 301.5 | 303.0 | 1.5 | 0.324 | | | | |
| CAOND115828 | 303.0 | 304.5 | 1.5 | 0.138 | | | | |
| CAOND115829 | 304.5 | 306.0 | 1.5 | 0.115 | | | | |
| CAOND115831 | 306.0 | 307.1 | 1.1 | 0.195 | | | | |

**Major:** **From:** 307.10 **To:** 322.60 I2Dp, Porphyritic Syenite

Composition: Medium to dark red, medium purplish grey and medium pinkish grey, fine to medium grained. Melange of syenite, mafic syenite and porphyry compositions with no clear contacts between. Phenocrysts observed throughout in varying abundances, dominantly 1-2mm in size and waxy appearance. Local chaotic texture with in-situ brecciation; I2Dp - Porphyrrytic syenite. Magnetism: Weak to moderately magnetic. Veinning: 2-3% mm scale calcite veinlets. Structure: Weak healed microfracturing and moderate chaotic deformation. Alteration: Moderate spotty calcite alteration. Mineralization: 5-10% very fine and fine grained disseminated Py mineralization. Lower Contact: Gradational.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

307.10, 322.60, PYR, DIS, 5.00, -, FGR, 5-10% fine grained dissemianted Py mineralization

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

309.00, 311.00, FRA, WEAK, -, -, -, -, Weak fracturing into 5-10cm thick pieces

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115832 | 307.1 | 308.5 | 1.4 | 0.200 | | | | |
| CAOND115833 | 308.5 | 310.0 | 1.5 | 0.040 | | | | |
| CAOND115834 | 310.0 | 311.5 | 1.5 | 0.316 | | | | |
| CAOND115835 | 311.5 | 313.0 | 1.5 | 0.187 | | | | |
| CAOND115836 | 313.0 | 314.5 | 1.5 | 0.056 | | | | |
| CAOND115837 | 314.5 | 316.0 | 1.5 | 0.040 | | | | |
| CAOND115838 | 316.0 | 317.5 | 1.5 | 0.187 | | | | |
| CAOND115839 | 317.5 | 319.0 | 1.5 | 0.246 | | | | |
| CAOND115840 | 319.0 | 320.5 | 1.5 | 0.153 | | | | |
| CAOND115841 | 320.5 | 321.5 | 1.0 | 0.085 | | | | |
| CAOND115842 | 321.5 | 322.6 | 1.1 | 0.042 | | | | |

**Major:** **From:** 322.60 **To:** 334.10 V8Agg, Trachyte Agglomerate

Composition: Dark green and dark purplish red, brecciated and patchy; V8 - Trachyte agglomerate. Magnetism: Weak to moderately magnetic. Veinning: Trare mm scale calcite veinlets. Structure: Moderate chaotic deformation. Alteration: Moderate spotted calcite alteration. Mineralization: 5-10% fine grained disseminated Py mineralization. Lower Contact: Gradational, contact is placed where there is no longer any pinish colour and patchy textures. Where core becomes more massive.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

322.60, 334.10, PYR, DIS, 5.00, -, FGR, 5-10% fine grained dissemianted Py mineralization

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

333.00, 334.10, FRA, WEAK, -, -, -, -, Weak fracturing into 5-10cm thick, angular pieces, local 10-20cm

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115843 | 322.6 | 324.0 | 1.4 | 0.542 | | | | |
| CAOND115844 | 324.0 | 325.5 | 1.5 | 0.711 | | | | |
| CAOND115846 | 325.5 | 327.0 | 1.5 | 0.469 | | | | |
| CAOND115847 | 327.0 | 328.5 | 1.5 | 0.445 | | | | |
| CAOND115848 | 328.5 | 330.0 | 1.5 | 0.366 | | | | |
| CAOND115849 | 330.0 | 331.5 | 1.5 | 0.407 | | | | |
| CAOND115851 | 331.5 | 333.0 | 1.5 | 0.290 | | | | |
| CAOND115852 | 333.0 | 334.1 | 1.1 | 0.217 | | | | |

**Hole number:** KLUC18-515

thick intervals of moderate fracturing

**Major:** **From:** 334.10 **To:** 339.60 V8, Trachyte

Composition: Dark green, medium grey to brown, medium grained; V8 - trachyte. Magnetism: Weak to moderate magnetism. Veinning: Trace discontinuous, mm scale calcite veinlets. Structure: Undeformed, but weakly fractured. Alteration: Moderate calcite. Mineralization: 5% very fine grained Py mineralization disseminated throughout. Lower Contact: Sharp; oriented at 45 TCA.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

334.10, 339.60, PYR, DIS, 5.00, -, VFG, 5% very fine grained dissemianted Py mineralization

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

334.10, 338.00, FRA, WEAK, -, -, -, -, Weak fracturing into 5-10cm thick, angular pieces, local 10-20cm thick intervals of moderate fracturing

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115853 | 334.1 | 335.5 | 1.4 | 0.292 | | | | |
| CAOND115854 | 335.5 | 337.0 | 1.5 | 0.083 | | | | |
| CAOND115855 | 337.0 | 338.5 | 1.5 | 0.073 | | | | |
| CAOND115856 | 338.5 | 339.6 | 1.1 | 0.597 | | | | |

**Major:** **From:** 339.60 **To:** 341.80 I2D, Syénite

Composition: Dark purple, medium grained and massive syenite or mafic syenite intrusion? Magnetism: Weakly magnetic. Veinning: Trace mm scale, discontinuous calcite veinlets. Structure: Weakly microfractured and brittely deformed. Alteration: Weak calcite alteration. Mineralization: 5% very fine grained Py mineralization. Lower Contact: Sharp; oriented at 80 TCA.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

339.60, 341.80, PYR, DIS, 5.00, -, VFG, 5% very fine grained dissemianted Py mineralization

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115857 | 339.6 | 340.8 | 1.2 | 0.703 | | | | |
| CAOND115858 | 340.8 | 341.8 | 1.0 | 0.409 | | | | |

**Major:** **From:** 341.80 **To:** 348.00 V8, Trachyte

Composition: Dark green, fine to medium grained, relatively massive; V8 - trachyte. Magnetism: Weak to moderate magnetism. Veinning: 1% discontinuous, mm scale calcite veinlets. Structure: Undeformed, but weakly fractured. Alteration: Moderate calcite. Mineralization: 2-3% very fine grained Py mineralization disseminated throughout, locally increasing to 5-8%. Lower Contact: Sharp but irregular.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

341.80, 348.00, PYR, DIS, 2.00, -, FGR, 2-3% very fine grained Py mineralization disseminated throughout, locally increasing to 5-8%.

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

344.00, 344.30, FRA, MOD, -, -, -, -, Moderate fracturing into 1-5cm thick angular pieces

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115859 | 341.8 | 343.0 | 1.2 | 0.026 | | | | |
| CAOND115861 | 343.0 | 344.5 | 1.5 | 0.055 | | | | |
| CAOND115862 | 344.5 | 346.0 | 1.5 | 0.057 | | | | |
| CAOND115863 | 346.0 | 347.0 | 1.0 | 0.021 | | | | |
| CAOND115864 | 347.0 | 348.0 | 1.0 | 0.030 | | | | |

**Major:** **From:** 348.00 **To:** 353.40 I2Dp, Porphyritic Syenite

Composition: Medium orangish and reddish brown colour, fine grained matrix with 3-5% mm scale

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115865 | 348.0 | 349.5 | 1.5 | 0.067 | | | | |

**Hole number:** KLUC18-515

subrounded to rounded phenocrysts; I2Dp - Porphyritic syenite. Magnetism: Non to weakly magnetic. Veinning: No significant veinning. Structure: Moderate brittle deformation occuring as healed microfractures and moderate fracturing. Alteration: Weak calcite. Mineralization: 3-5% very fine grained disseminated Py mineralization throughout. Lower Contact: Sharp oriented at 80 TCA.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

348.00, 353.40, PYR, DIS, 3.00, -, FGR, 3-5% very fine grained disseminated Py mineralization throughout.

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

348.00, 353.40, FRA, MOD, -, -, -, -, Moderate pervasive fracturing into 1-5 and 5-10cm thick, angular pieces

348.00, 353.40, DFZ, STRONG, -, -, -, -, Moderate gradually increasing to strong then back to moderate brittle deformation zone defined by moderate to strong pervasive fracturing

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115866 | 349.5 | 351.0 | 1.5 | 0.022 | | | | |
| CAOND115867 | 351.0 | 352.0 | 1.0 | 0.042 | | | | |
| CAOND115868 | 352.0 | 353.4 | 1.4 | 0.100 | | | | |

**Major:** **From:** 227.90 **To:** 238.80 I2Dp, Porphyritic Syenite

Composition: Dark purplish red fine grained matrix with 20-25% medium grained medium pink and grey phenocrysts, porphyritic texture throughout; I2Dp - Porphyritic syenite. Magnetism: Weak to moderately magnetic. Veinning: 1% mm scale calcite veinlets. Structure: Undeformed. Alteration: Moderate spotty calcite alteration. Mineralization: 1-2% very fine grained Py mineralization, disseminated and clustered in microfractures. Lower Contact: Sharp but irregular.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115763 | 227.9 | 229.0 | 1.1 | 0.029 | | | | |
| CAOND115764 | 229.0 | 230.5 | 1.5 | 0.024 | | | | |
| CAOND115765 | 230.5 | 232.0 | 1.5 | 0.023 | | | | |
| CAOND115766 | 232.0 | 233.5 | 1.5 | 0.011 | | | | |
| CAOND115767 | 233.5 | 235.0 | 1.5 | 0.013 | | | | |
| CAOND115768 | 235.0 | 236.5 | 1.5 | 0.038 | | | | |
| CAOND115769 | 236.5 | 238.0 | 1.5 | 0.016 | | | | |
| CAOND115771 | 238.0 | 238.8 | 0.8 | 0.031 | | | | |

**Major:** **From:** 0.00 **To:** 2.30 OVB, Overburden

Overburden with 15cm of grinded boulders

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 3.0 | 6.0 | 65.00 | 100.00 | | | N | |
| 6.0 | 9.0 | 88.00 | 100.00 | | | N | |
| 9.0 | 12.0 | 95.00 | 100.00 | | | N | |
| 12.0 | 15.0 | 80.00 | 100.00 | | | N | |
| 15.0 | 18.0 | 97.00 | 100.00 | | | N | |
| 18.0 | 21.0 | 85.00 | 100.00 | | | N | |

**Hole number:** KLUC18-515

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 21.0 | 24.0 | 100.00 | 100.00 | | | N | |
| 24.0 | 27.0 | 97.00 | 100.00 | | | N | |
| 27.0 | 30.0 | 90.00 | 100.00 | | | N | |
| 30.0 | 33.0 | 73.00 | 100.00 | | | N | |
| 33.0 | 36.0 | 68.00 | 100.00 | | | N | |
| 36.0 | 39.0 | 93.00 | 100.00 | | | N | |
| 39.0 | 42.0 | 87.00 | 100.00 | | | N | |
| 42.0 | 45.0 | 70.00 | 100.00 | | | N | |
| 45.0 | 48.0 | 83.00 | 100.00 | | | N | |
| 48.0 | 51.0 | 90.00 | 100.00 | | | N | |
| 51.0 | 54.0 | 90.00 | 100.00 | | | N | |
| 54.0 | 57.0 | 98.00 | 100.00 | | | N | |
| 57.0 | 60.0 | 80.00 | 100.00 | | | N | |
| 60.0 | 63.0 | 78.00 | 100.00 | | | N | |
| 63.0 | 66.0 | 43.00 | 100.00 | | | N | |
| 66.0 | 69.0 | 92.00 | 100.00 | | | N | |
| 69.0 | 72.0 | 88.00 | 100.00 | | | N | |
| 72.0 | 75.0 | 95.00 | 100.00 | | | N | |
| 75.0 | 78.0 | 97.00 | 100.00 | | | N | |
| 78.0 | 81.0 | 98.00 | 100.00 | | | N | |
| 81.0 | 84.0 | 95.00 | 100.00 | | | N | |
| 84.0 | 87.0 | 100.00 | 100.00 | | | N | |
| 87.0 | 90.0 | 93.00 | 100.00 | | | N | |
| 90.0 | 93.0 | 97.00 | 100.00 | | | N | |
| 93.0 | 96.0 | 100.00 | 100.00 | | | N | |
| 96.0 | 99.0 | 93.00 | 100.00 | | | N | |
| 99.0 | 102.0 | 97.00 | 100.00 | | | N | |
| 102.0 | 105.0 | 95.00 | 100.00 | | | N | |

**Hole number:** KLUC18-515

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 105.0 | 108.0 | 93.00 | 100.00 | | | N | |
| 108.0 | 111.0 | 98.00 | 100.00 | | | N | |
| 111.0 | 114.0 | 95.00 | 100.00 | | | N | |
| 114.0 | 117.0 | 77.00 | 100.00 | | | N | |
| 117.0 | 120.0 | 87.00 | 100.00 | | | N | |
| 120.0 | 123.0 | 100.00 | 100.00 | | | N | |
| 123.0 | 126.0 | 100.00 | 100.00 | | | N | |
| 126.0 | 129.0 | 92.00 | 100.00 | | | N | |
| 129.0 | 132.0 | 97.00 | 100.00 | | | N | |
| 132.0 | 135.0 | 93.00 | 100.00 | | | N | |
| 135.0 | 138.0 | 90.00 | 100.00 | | | N | |
| 138.0 | 141.0 | 100.00 | 100.00 | | | N | |
| 141.0 | 144.0 | 100.00 | 100.00 | | | N | |
| 144.0 | 147.0 | 92.00 | 100.00 | | | N | |
| 147.0 | 150.0 | 95.00 | 100.00 | | | N | |
| 150.0 | 153.0 | 92.00 | 100.00 | | | N | |
| 153.0 | 156.0 | 100.00 | 100.00 | | | N | |
| 156.0 | 159.0 | 98.00 | 100.00 | | | N | |
| 159.0 | 162.0 | 100.00 | 100.00 | | | N | |
| 162.0 | 165.0 | 97.00 | 100.00 | | | N | |
| 165.0 | 168.0 | 97.00 | 100.00 | | | N | |
| 168.0 | 171.0 | 93.00 | 100.00 | | | N | |
| 171.0 | 174.0 | 83.00 | 100.00 | | | N | |
| 174.0 | 177.0 | 93.00 | 100.00 | | | N | |
| 177.0 | 180.0 | 77.00 | 100.00 | | | N | |
| 180.0 | 183.0 | 88.00 | 100.00 | | | N | |
| 183.0 | 186.0 | 77.00 | 100.00 | | | N | |
| 186.0 | 189.0 | 93.00 | 100.00 | | | N | |

**Hole number:** KLUC18-515

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 189.0 | 192.0 | 87.00 | 100.00 | | | N | |
| 192.0 | 195.0 | 90.00 | 100.00 | | | N | |
| 195.0 | 198.0 | 97.00 | 100.00 | | | N | |
| 198.0 | 201.0 | 98.00 | 100.00 | | | N | |
| 201.0 | 204.0 | 97.00 | 100.00 | | | N | |
| 204.0 | 207.0 | 97.00 | 100.00 | | | N | |
| 207.0 | 210.0 | 95.00 | 100.00 | | | N | |
| 210.0 | 213.0 | 100.00 | 100.00 | | | N | |
| 213.0 | 216.0 | 90.00 | 100.00 | | | N | |
| 216.0 | 219.0 | 73.00 | 100.00 | | | N | |
| 219.0 | 222.0 | 70.00 | 100.00 | | | N | |
| 222.0 | 225.0 | 70.00 | 100.00 | | | N | |
| 225.0 | 228.0 | 87.00 | 100.00 | | | N | |
| 228.0 | 231.0 | 70.00 | 100.00 | | | N | |
| 231.0 | 234.0 | 92.00 | 100.00 | | | N | |
| 234.0 | 237.0 | 87.00 | 100.00 | | | N | |
| 237.0 | 240.0 | 83.00 | 100.00 | | | N | |
| 240.0 | 243.0 | 57.00 | 100.00 | | | N | |
| 243.0 | 246.0 | 87.00 | 100.00 | | | N | |
| 246.0 | 249.0 | 90.00 | 100.00 | | | N | |
| 249.0 | 252.0 | 80.00 | 100.00 | | | N | |
| 252.0 | 255.0 | 60.00 | 100.00 | | | N | |
| 255.0 | 258.0 | 90.00 | 100.00 | | | N | |
| 258.0 | 261.0 | 90.00 | 100.00 | | | N | |
| 261.0 | 264.0 | 95.00 | 100.00 | | | N | |
| 264.0 | 267.0 | 98.00 | 100.00 | | | N | |
| 267.0 | 270.0 | 90.00 | 100.00 | | | N | |
| 270.0 | 273.0 | 72.00 | 100.00 | | | N | |

**Hole number:** KLUC18-515

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 273.0 | 276.0 | 68.00 | 100.00 | | | N | |
| 276.0 | 279.0 | 73.00 | 100.00 | | | N | |
| 279.0 | 282.0 | 82.00 | 100.00 | | | N | |
| 282.0 | 285.0 | 70.00 | 100.00 | | | N | |
| 285.0 | 288.0 | 78.00 | 100.00 | | | N | |
| 288.0 | 291.0 | 77.00 | 100.00 | | | N | |
| 291.0 | 294.0 | 97.00 | 100.00 | | | N | |
| 294.0 | 297.0 | 97.00 | 100.00 | | | N | |
| 297.0 | 300.0 | 82.00 | 100.00 | | | N | |
| 300.0 | 303.0 | 90.00 | 100.00 | | | N | |
| 303.0 | 306.0 | 53.00 | 100.00 | | | N | |
| 306.0 | 309.0 | 60.00 | 100.00 | | | N | |
| 309.0 | 312.0 | 23.00 | 100.00 | | | N | |
| 312.0 | 315.0 | 67.00 | 100.00 | | | N | |
| 315.0 | 318.0 | 85.00 | 100.00 | | | N | |
| 318.0 | 321.0 | 93.00 | 100.00 | | | N | |
| 321.0 | 324.0 | 97.00 | 100.00 | | | N | |
| 324.0 | 327.0 | 95.00 | 100.00 | | | N | |
| 327.0 | 330.0 | 98.00 | 100.00 | | | N | |
| 330.0 | 333.0 | 97.00 | 100.00 | | | N | |
| 333.0 | 336.0 | 47.00 | 100.00 | | | N | |
| 336.0 | 339.0 | 57.00 | 100.00 | | | N | |
| 339.0 | 342.0 | 90.00 | 100.00 | | | N | |
| 342.0 | 345.0 | 82.00 | 100.00 | | | N | |
| 345.0 | 348.0 | 97.00 | 100.00 | | | N | |
| 348.0 | 351.0 | 53.00 | 100.00 | | | N | |
| 351.0 | 354.0 | 10.00 | 100.00 | | | N | |
| 354.0 | 357.0 | 20.00 | 100.00 | | | N | |

**Hole number:** KLUC18-515

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 357.0 | 360.0 | 5.00 | 100.00 | | | N | |
| 360.0 | 363.0 | 0.00 | 100.00 | | | N | |
| 363.0 | 366.0 | 0.00 | 100.00 | | | N | |
| 366.0 | 369.0 | 5.00 | 100.00 | | | N | |
| 369.0 | 372.0 | 23.00 | 100.00 | | | N | |
| 372.0 | 375.0 | 13.00 | 100.00 | | | N | |

AGNICO EAGLE

# DRILL HOLE REPORT

## EXPLORATION CANADA ONTARIO

**Hole number:** KLUC18-516 **Project Number:** U_Canada **Project name:** Upper Canada

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Historic hole number:** | | **Collar survey:** | N | **From:** | 0.0 | **Coordinates:** | P |
| **System:** | METRIC | **Verified:** | N | **To:** | 36.0 | **Grid:** | UTM83-17_CSRS-2010: |
| **Target:** | UC_H_ZONE | **Gas:** | N | **Depth:** | 36.0 | **North:** | 5,332,429.02 |
| **No. Claim:** | PAT-18794 | **Multishot survey:** | N | **Location:** | Surface | **East:** | 587,830.00 |
| **Year:** | 2 018 | **Is making water:** | N | **Core storage:** | Exploration Camp | **Elevation:** | 334.84 |
| **Date started:** | 2018-10-16 | **Object in hole:** | N | **Contractor:** | Asinii Drilling | **Collar dip:** | -52.50 |
| **Date logged:** | 2018-10-22 | **Pulse EM survey:** | N | **Logged by:** | Melanie Bouchard | **Collar azimuth:** | 344.70 |
| **Date completed:** | 2018-10-17 | **Plugged:** | N | **Signature:** | Mélanie Bouchard | | |
| **Core size:** | NQ | **Cemented:** | N | | M.Oosterman | | |
| **Hole type:** | EXP | **Branch:** | N | | | | |
| **Casing:** | Left in Hole, capped | **Reserve:** | N | | | | |
| **Logging status:** | Signed | | | | | | |
| **Rig number:** | 0102 | | | | | | |

**Additionnal sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Propsed hole: UCP18-056, Drill Rig: 102 up to 36m, Targeting: H, MQ and B zones. Drilled by new Asinii; Asinii drilling Canada Inc. Hole was abandonned and re-collared as KLUC18-517 because the hole deviated 2.5 degrees to the east.

**Survey data**

| Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments | Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 344.70 | -53.10 | NS | O | Northseeking devialginer | 12.0 | 347.50 | -52.50 | EZ | O | Mag.55388 |

| Certificate |
|---|
| TM18276483 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505D18-016 | Excaon1 | CAOND115839 - CAOND115911 |
| CXE5505D19-050 | Excaon1 | CAOND113049<br>CAOND113091<br>CAOND113123<br>CAOND113154<br>CAOND113162<br>CAOND113177<br>CAOND113224<br>CAOND113243<br>CAOND113262<br>CAOND113282<br>CAOND113289<br>CAOND113308<br>CAOND113327 |

| Sample number | Standard |
|---|---|
| CAOND115890 | CDN-CM-28-AEM |

**Hole number:** KLUC18-516

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND113357 |
| | | CAOND113393 |
| | | CAOND113410 |
| | | CAOND113426 |
| | | CAOND113444 - CAOND113445 |
| | | CAOND113461 |
| | | CAOND113488 |
| | | CAOND113498 |
| | | CAOND113505 |
| | | CAOND113512 |
| | | CAOND113528 |
| | | CAOND113540 |
| | | CAOND113557 |
| | | CAOND113572 |
| | | CAOND113605 - CAOND113606 |
| | | CAOND113641 |
| | | CAOND113796 |
| | | CAOND113816 |
| | | CAOND113821 |
| | | CAOND113828 |
| | | CAOND113831 |
| | | CAOND113836 |
| | | CAOND113855 |
| | | CAOND113894 |
| | | CAOND113942 |
| | | CAOND113964 |
| | | CAOND113974 |
| | | CAOND113978 |
| | | CAOND114017 |
| | | CAOND114032 |
| | | CAOND114049 |
| | | CAOND114077 |
| | | CAOND114145 |
| | | CAOND114152 |
| | | CAOND114154 |
| | | CAOND114517 |
| | | CAOND114524 |
| | | CAOND114534 |
| | | CAOND114553 |
| | | CAOND114589 |
| | | CAOND114606 |
| | | CAOND114608 |
| | | CAOND114635 |

**Hole number:** KLUC18-516

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND114658 - CAOND114659 |
| | | CAOND114683 |
| | | CAOND114701 |
| | | CAOND114708 |
| | | CAOND114719 - CAOND114720 |
| | | CAOND114740 |
| | | CAOND114753 |
| | | CAOND114774 |
| | | CAOND114803 |
| | | CAOND114823 |
| | | CAOND114852 |
| | | CAOND114855 |
| | | CAOND114859 |
| | | CAOND114896 |
| | | CAOND114908 |
| | | CAOND114911 |
| | | CAOND114914 |
| | | CAOND114926 |
| | | CAOND115001 |
| | | CAOND115013 |
| | | CAOND115019 |
| | | CAOND115040 |
| | | CAOND115062 |
| | | CAOND115072 - CAOND115073 |
| | | CAOND115077 |
| | | CAOND115212 |
| | | CAOND115272 - CAOND115273 |
| | | CAOND115316 |
| | | CAOND115322 |
| | | CAOND115370 - CAOND115371 |
| | | CAOND115411 |
| | | CAOND115418 |
| | | CAOND115442 |
| | | CAOND115472 |
| | | CAOND115497 |
| | | CAOND115509 - CAOND115510 |
| | | CAOND115512 |
| | | CAOND115531 |
| | | CAOND115542 |
| | | CAOND115546 |
| | | CAOND115562 |
| | | CAOND115591 |
| | | CAOND115595 - CAOND115596 |

**Hole number:** KLUC18-516

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND115607 - CAOND115609 |
| | | CAOND115611 |
| | | CAOND115620 |
| | | CAOND115640 |
| | | CAOND115655 |
| | | CAOND115659 |
| | | CAOND115718 |
| | | CAOND115732 - CAOND115733 |
| | | CAOND115740 |
| | | CAOND115748 |
| | | CAOND115769 |
| | | CAOND115778 |
| | | CAOND115785 |
| | | CAOND115812 |
| | | CAOND115827 |
| | | CAOND115905 |
| | | CAOND115911 |

*The sample list may content samples from other holes

**Major:** **From:** 0.00 **To:** 2.10 OVB, Overburden

Overburden

**Major:** **From:** 2.10 **To:** 36.00 V8tl, Trachytic lapilli tuff

Composition: Dominantly medium to dark green and medium to dark grey with spots of beige and patches of medium to dark reddish, medium beige and pale pink colour, alternating intervals of lapilli-tuff, tuff and tuff with minor lapilli; V8tl - Trachyte tuff lapilli. Magnetism: Weakly magnetic, locally moderately magnetic. Veinning: 1% mm scale chaotic and deformation qtz-ank?-hem veinlets. Structure: Moderate to strongly deformed with moderate foliation oriented at 50 TCA. Alteration: Patches of weak sericite, possibly ank?, moderate hem and chlorite alteration. Mineralization: Trace very fine grained Py mineralization. Lower Contact: ...

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

2.10, 36.00, DFZ, MOD, 50.00, -, -, -, Moderate to strong deformation, defined by the alignment of tuff beds and alignment of lappili

2.10, 36.00, FOL, MOD, 50.00, -, -, -, Moderate to strong foliation, defined by the alignment of tuff beds and alignment of lappili

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115887 | 2.1 | 3.5 | 1.4 | 0.003 | | | | |
| CAOND115888 | 3.5 | 5.0 | 1.5 | 0.003 | | | | |
| CAOND115889 | 5.0 | 6.5 | 1.5 | 0.003 | | | | |
| CAOND115891 | 6.5 | 8.0 | 1.5 | 0.003 | | | | |
| CAOND115892 | 8.0 | 9.5 | 1.5 | 0.003 | | | | |
| CAOND115893 | 9.5 | 11.0 | 1.5 | 0.003 | | | | |
| CAOND115894 | 11.0 | 12.5 | 1.5 | 0.003 | | | | |
| CAOND115895 | 12.5 | 14.0 | 1.5 | 0.003 | | | | |
| CAOND115896 | 14.0 | 15.5 | 1.5 | 0.003 | | | | |
| CAOND115897 | 15.5 | 17.0 | 1.5 | 0.003 | | | | |
| CAOND115898 | 17.0 | 18.5 | 1.5 | 0.003 | | | | |
| CAOND115899 | 18.5 | 20.0 | 1.5 | 0.003 | | | | |
| CAOND115901 | 20.0 | 21.5 | 1.5 | 0.003 | | | | |
| CAOND115902 | 21.5 | 23.0 | 1.5 | 0.003 | | | | |
| CAOND115903 | 23.0 | 24.5 | 1.5 | 0.003 | | | | |

**Hole number:** KLUC18-516

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115904 | 24.5 | 26.0 | 1.5 | 0.003 | | | | |
| CAOND115905 | 26.0 | 27.5 | 1.5 | 0.003 | | | | |
| CAOND115906 | 27.5 | 28.5 | 1.0 | 0.008 | | | | |
| CAOND115907 | 28.5 | 30.0 | 1.5 | 0.003 | | | | |
| CAOND115908 | 30.0 | 31.5 | 1.5 | 0.003 | | | | |
| CAOND115909 | 31.5 | 33.0 | 1.5 | 0.003 | | | | |
| CAOND115910 | 33.0 | 34.5 | 1.5 | 0.003 | | | | |
| CAOND115911 | 34.5 | 36.0 | 1.5 | 0.003 | | | | |

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 2.1 | 3.0 | 89.00 | 100.00 | | | N | |
| 3.0 | 6.0 | 97.00 | 100.00 | | | N | |
| 6.0 | 9.0 | 93.00 | 100.00 | | | N | |
| 9.0 | 12.0 | 90.00 | 100.00 | | | N | |
| 12.0 | 15.0 | 47.00 | 100.00 | | | N | |
| 15.0 | 18.0 | 98.00 | 100.00 | | | N | |
| 18.0 | 21.0 | 97.00 | 100.00 | | | N | |
| 21.0 | 24.0 | 93.00 | 100.00 | | | N | |
| 24.0 | 27.0 | 93.00 | 100.00 | | | N | |
| 27.0 | 30.0 | 98.00 | 100.00 | | | N | |
| 30.0 | 33.0 | 95.00 | 100.00 | | | N | |
| 33.0 | 36.0 | 97.00 | 100.00 | | | N | |

AGNICO EAGLE

# DRILL HOLE REPORT

## EXPLORATION CANADA ONTARIO

**Hole number:** KLUC18-517 **Project Number:** U_Canada **Project name:** Upper Canada

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Historic hole number:** | | **Collar survey:** | Y | **From:** | 0.0 | **Coordinates:** | P |
| **System:** | METRIC | **Verified:** | N | **To:** | 678.0 | **Grid:** | UTM83-17_CSRS-2010: |
| **Target:** | UC_Q_ZONE | **Gas:** | N | **Depth:** | 678.0 | **North:** | 5,332,429.24 |
| **No. Claim:** | PAT-18794 | **Multishot survey:** | Y | **Location:** | Surface | **East:** | 587,831.20 |
| **Year:** | 2 018 | **Is making water:** | N | **Core storage:** | Exploration Camp | **Elevation:** | 334.61 |
| **Date started:** | 2018-11-20 | **Object in hole:** | N | **Contractor:** | Asinii Drilling | **Collar dip:** | -53.60 |
| **Date logged:** | 2018-12-14 | **Pulse EM survey:** | N | **Logged by:** | Melanie Bouchard | **Collar azimuth:** | 342.14 |
| **Date completed:** | 2018-12-06 | **Plugged:** | N | **Signature:** | Mélanie Bouchard | | |
| **Core size:** | NQ | **Cemented:** | N | | M.Oosterman | | |
| **Hole type:** | EXP | **Branch:** | N | | | | |
| **Casing:** | Left in Hole, capped | **Reserve:** | N | | | | |
| **Logging status:** | Signed | | | | | | |
| **Rig number:** | 2501 | | | | | | |

**Additionnal sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Proposed hole: UCP18-056. New and improved Asinii II drill Rig: 2501. Targeting: H, MQ and potentially B zones. Drilled by new Asinii; Asinii drilling Canada Inc. Second attempted from abandonned hole KLUC18-516. From planned hole, H predicted at ~400m and MQ at ~450-560m.
*Driller reported a loss of water return and 2-3" void @ ~503m.
**Possible H zone observed between ~410-459m (documented strong shearing and strong patchy Se alteration in S1, strong pervasive Se alteration in S3 with local smoky qtz veinning and 5-10% Py minerlization and minor altered and deformed I2D).
***Possible MQ zone observed between ~514.5 - 538.1m (documented intervals with strong chaotic deformation and brecciation in S1; strong shearing, strong pervasive Se alteration and 5-10% disseminated PY mineralization and loss of magnetism in V8mt; moderate to strong hematite alteration and strong deformation in I2D; strong dolomite bleaching and loss of magnetism in V8mt)

**Assay average**

| Average type | From | To | Length | Width | Zone | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Pb_ppm | Ni_ppm | As_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WEIGHTED | 409.2 | 411.9 | 2.7 | | UC_H_ZONE | 43.663 | | | | | | |
| WEIGHTED | 557.0 | 557.9 | 0.9 | | UC_M_ZONE | 2.220 | | | | | | |
| WEIGHTED | 586.5 | 592.0 | 5.5 | | UC_Q_ZONE | 14.463 | | | | | | |
| WEIGHTED | 602.5 | 604.0 | 1.5 | | UC_Q_ZONE | 6.620 | | | | | | |
| WEIGHTED | 631.3 | 632.3 | 1.0 | | UC_Q_ZONE | 3.900 | | | | | | |

**Survey data**

| Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments | Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 342.73 | -52.97 | G | | North Seaker Gyro | 0.0 | 340.00 | -53.00 | PLANNED | | Planned direction |
| 0.0 | 342.14 | -53.60 | S | O | Surveyed collar | 3.0 | 343.80 | -52.80 | ES | | Reflex EasyShot Multi-Shot |

**Hole number:** KLUC18-517

**Survey data**

| Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 6.0 | 346.10 | -52.70 | ES | | Reflex EasyShot Multi-Shot |
| 10.0 | 342.37 | -52.77 | G | O | North Seaker Gyro |
| 12.0 | 343.50 | -52.70 | ES | | Reflex EasyShot Multi-Shot |
| 18.0 | 343.90 | -52.50 | ES | | Reflex EasyShot Multi-Shot |
| 21.0 | 343.50 | -52.40 | ES | | Reflex EasyShot Multi-Shot |
| 27.0 | 345.30 | -52.30 | ES | | Reflex EasyShot Multi-Shot |
| 30.0 | 346.10 | -52.10 | ES | | Reflex EasyShot Multi-Shot |
| 36.0 | 344.30 | -52.00 | ES | | Reflex EasyShot Multi-Shot |
| 40.0 | 342.02 | -52.18 | G | O | North Seaker Gyro |
| 42.0 | 341.30 | -51.80 | ES | | Reflex EasyShot Multi-Shot |
| 48.0 | 340.90 | -51.60 | ES | | Reflex EasyShot Multi-Shot |
| 51.0 | 341.40 | -51.50 | ES | | Reflex EasyShot Multi-Shot |
| 57.0 | 339.90 | -51.30 | ES | | Reflex EasyShot Multi-Shot |
| 60.0 | 341.50 | -51.20 | ES | | Reflex EasyShot Multi-Shot |
| 66.0 | 342.80 | -50.90 | ES | | Reflex EasyShot Multi-Shot |
| 70.0 | 341.97 | -51.10 | G | O | North Seaker Gyro |
| 72.0 | 340.20 | -50.70 | ES | | Reflex EasyShot Multi-Shot |
| 78.0 | 341.10 | -50.50 | ES | | Reflex EasyShot Multi-Shot |
| 81.0 | 341.10 | -50.50 | ES | | Reflex EasyShot Multi-Shot |
| 87.0 | 341.50 | -50.30 | ES | | Reflex EasyShot Multi-Shot |
| 90.0 | 345.10 | -50.20 | ES | | Reflex EasyShot Multi-Shot |
| 96.0 | 344.80 | -50.10 | ES | | Reflex EasyShot Multi-Shot |
| 100.0 | 341.87 | -50.17 | G | O | North Seaker Gyro |
| 102.0 | 345.20 | -50.00 | ES | | Reflex EasyShot Multi-Shot |
| 108.0 | 344.20 | -49.90 | ES | | Reflex EasyShot Multi-Shot |
| 111.0 | 344.30 | -49.80 | ES | | Reflex EasyShot Multi-Shot |
| 117.0 | 342.60 | -49.70 | ES | | Reflex EasyShot Multi-Shot |
| 120.0 | 342.70 | -49.60 | ES | | Reflex EasyShot Multi-Shot |
| 126.0 | 341.50 | -49.40 | ES | | Reflex EasyShot Multi-Shot |
| 130.0 | 341.88 | -49.35 | G | O | North Seaker Gyro |
| 132.0 | 342.30 | -49.20 | ES | | Reflex EasyShot Multi-Shot |
| 138.0 | 343.30 | -49.00 | ES | | Reflex EasyShot Multi-Shot |
| 9.0 | 342.50 | -52.70 | ES | | Reflex EasyShot Multi-Shot |
| 12.0 | 345.20 | -52.70 | EZ | | Mag 54417 |
| 15.0 | 345.70 | -52.60 | ES | | Reflex EasyShot Multi-Shot |
| 20.0 | 342.35 | -52.65 | G | O | North Seaker Gyro |
| 24.0 | 345.00 | -52.30 | ES | | Reflex EasyShot Multi-Shot |
| 30.0 | 342.35 | -52.37 | G | O | North Seaker Gyro |
| 33.0 | 345.50 | -52.10 | ES | | Reflex EasyShot Multi-Shot |
| 39.0 | 345.00 | -52.00 | ES | | Reflex EasyShot Multi-Shot |
| 42.0 | 346.00 | -51.90 | EZ | | Mag 53845 |
| 45.0 | 345.10 | -51.70 | ES | | Reflex EasyShot Multi-Shot |
| 50.0 | 342.00 | -51.86 | G | O | North Seaker Gyro |
| 54.0 | 343.30 | -51.40 | ES | | Reflex EasyShot Multi-Shot |
| 60.0 | 341.97 | -51.52 | G | O | North Seaker Gyro |
| 63.0 | 343.50 | -51.10 | ES | | Reflex EasyShot Multi-Shot |
| 69.0 | 340.90 | -50.80 | ES | | Reflex EasyShot Multi-Shot |
| 72.0 | 344.70 | -51.00 | EZ | | Mag 53450 |
| 75.0 | 342.70 | -50.70 | ES | | Reflex EasyShot Multi-Shot |
| 80.0 | 341.92 | -50.75 | G | O | North Seaker Gyro |
| 84.0 | 341.40 | -50.40 | ES | | Reflex EasyShot Multi-Shot |
| 90.0 | 341.71 | -50.36 | G | O | North Seaker Gyro |
| 93.0 | 344.90 | -50.10 | ES | | Reflex EasyShot Multi-Shot |
| 99.0 | 345.00 | -50.10 | ES | | Reflex EasyShot Multi-Shot |
| 102.0 | 344.40 | -50.10 | EZ | | Mag 54420 |
| 105.0 | 344.30 | -50.00 | ES | | Reflex EasyShot Multi-Shot |
| 110.0 | 341.97 | -49.98 | G | O | North Seaker Gyro |
| 114.0 | 342.10 | -49.70 | ES | | Reflex EasyShot Multi-Shot |
| 120.0 | 341.99 | -49.71 | G | O | North Seaker Gyro |
| 123.0 | 343.70 | -49.50 | ES | | Reflex EasyShot Multi-Shot |
| 129.0 | 341.80 | -49.20 | ES | | Reflex EasyShot Multi-Shot |
| 132.0 | 343.20 | -49.20 | EZ | | Mag 54237 |
| 135.0 | 342.80 | -49.10 | ES | | Reflex EasyShot Multi-Shot |
| 140.0 | 341.94 | -49.05 | G | O | North Seaker Gyro |

**Hole number:** KLUC18-517

**Survey data**

| Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 141.0 | 343.70 | -48.90 | ES | | Reflex EasyShot Multi-Shot |
| 147.0 | 343.10 | -48.70 | ES | | Reflex EasyShot Multi-Shot |
| 150.0 | 343.30 | -48.20 | ES | | Reflex EasyShot Multi-Shot |
| 156.0 | 343.20 | -47.80 | ES | | Reflex EasyShot Multi-Shot |
| 160.0 | 341.73 | -47.77 | G | O | North Seaker Gyro |
| 162.0 | 343.20 | -47.60 | ES | | Reflex EasyShot Multi-Shot |
| 168.0 | 343.40 | -47.50 | ES | | Reflex EasyShot Multi-Shot |
| 171.0 | 342.90 | -47.40 | ES | | Reflex EasyShot Multi-Shot |
| 177.0 | 340.60 | -47.30 | ES | | Reflex EasyShot Multi-Shot |
| 180.0 | 342.30 | -47.20 | ES | | Reflex EasyShot Multi-Shot |
| 186.0 | 341.40 | -47.00 | ES | | Reflex EasyShot Multi-Shot |
| 190.0 | 341.55 | -46.95 | G | O | North Seaker Gyro |
| 192.0 | 342.80 | -46.70 | ES | | Reflex EasyShot Multi-Shot |
| 198.0 | 343.60 | -46.50 | ES | | Reflex EasyShot Multi-Shot |
| 201.0 | 341.70 | -46.40 | ES | | Reflex EasyShot Multi-Shot |
| 207.0 | 342.30 | -46.20 | ES | | Reflex EasyShot Multi-Shot |
| 210.0 | 340.50 | -46.20 | ES | | Reflex EasyShot Multi-Shot |
| 216.0 | 340.70 | -46.00 | ES | | Reflex EasyShot Multi-Shot |
| 220.0 | 341.10 | -46.06 | G | O | North Seaker Gyro |
| 222.0 | 342.30 | -45.90 | ES | | Reflex EasyShot Multi-Shot |
| 228.0 | 340.90 | -45.70 | ES | | Reflex EasyShot Multi-Shot |
| 231.0 | 341.00 | -45.60 | ES | | Reflex EasyShot Multi-Shot |
| 237.0 | 339.50 | -45.40 | ES | | Reflex EasyShot Multi-Shot |
| 240.0 | 340.90 | -45.30 | ES | | Reflex EasyShot Multi-Shot |
| 246.0 | 341.80 | -45.10 | ES | | Reflex EasyShot Multi-Shot |
| 250.0 | 340.60 | -45.13 | G | O | North Seaker Gyro |
| 252.0 | 341.20 | -45.00 | ES | | Reflex EasyShot Multi-Shot |
| 258.0 | 340.70 | -44.90 | ES | | Reflex EasyShot Multi-Shot |
| 261.0 | 339.80 | -44.80 | ES | | Reflex EasyShot Multi-Shot |
| 267.0 | 342.40 | -44.80 | ES | | Reflex EasyShot Multi-Shot |
| 270.0 | 341.60 | -44.70 | ES | | Reflex EasyShot Multi-Shot |
| 276.0 | 340.40 | -44.60 | ES | | Reflex EasyShot Multi-Shot |
| 144.0 | 344.30 | -48.90 | ES | | Reflex EasyShot Multi-Shot |
| 150.0 | 341.80 | -48.32 | G | O | North Seaker Gyro |
| 153.0 | 343.10 | -48.00 | ES | | Reflex EasyShot Multi-Shot |
| 159.0 | 342.80 | -47.70 | ES | | Reflex EasyShot Multi-Shot |
| 162.0 | 342.50 | -47.70 | EZ | | Mag 54531 |
| 165.0 | 342.30 | -47.50 | ES | | Reflex EasyShot Multi-Shot |
| 170.0 | 341.76 | -47.52 | G | O | North Seaker Gyro |
| 174.0 | 343.20 | -47.30 | ES | | Reflex EasyShot Multi-Shot |
| 180.0 | 341.71 | -47.29 | G | O | North Seaker Gyro |
| 183.0 | 342.20 | -47.10 | ES | | Reflex EasyShot Multi-Shot |
| 189.0 | 342.30 | -46.90 | ES | | Reflex EasyShot Multi-Shot |
| 192.0 | 343.60 | -46.80 | EZ | | Mag 54800 |
| 195.0 | 341.90 | -46.60 | ES | | Reflex EasyShot Multi-Shot |
| 200.0 | 341.33 | -46.53 | G | O | North Seaker Gyro |
| 204.0 | 340.80 | -46.30 | ES | | Reflex EasyShot Multi-Shot |
| 210.0 | 341.24 | -46.25 | G | O | North Seaker Gyro |
| 213.0 | 340.90 | -46.10 | ES | | Reflex EasyShot Multi-Shot |
| 219.0 | 340.60 | -46.00 | ES | | Reflex EasyShot Multi-Shot |
| 222.0 | 341.80 | -45.90 | EZ | | Mag 53793 |
| 225.0 | 341.40 | -45.80 | ES | | Reflex EasyShot Multi-Shot |
| 230.0 | 341.03 | -45.72 | G | O | North Seaker Gyro |
| 234.0 | 340.70 | -45.40 | ES | | Reflex EasyShot Multi-Shot |
| 240.0 | 340.75 | -45.39 | G | O | North Seaker Gyro |
| 243.0 | 341.60 | -45.20 | ES | | Reflex EasyShot Multi-Shot |
| 249.0 | 340.60 | -45.00 | ES | | Reflex EasyShot Multi-Shot |
| 252.0 | 341.70 | -44.90 | EZ | | Mag 54294 |
| 255.0 | 340.80 | -45.00 | ES | | Reflex EasyShot Multi-Shot |
| 260.0 | 340.58 | -44.96 | G | O | North Seaker Gyro |
| 264.0 | 341.10 | -44.80 | ES | | Reflex EasyShot Multi-Shot |
| 270.0 | 340.58 | -44.78 | G | O | North Seaker Gyro |
| 273.0 | 340.10 | -44.60 | ES | | Reflex EasyShot Multi-Shot |
| 279.0 | 339.70 | -44.60 | ES | | Reflex EasyShot Multi-Shot |

**Hole number:** KLUC18-517

**Survey data**

| Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 280.0 | 340.62 | -44.62 | G | O | North Seaker Gyro |
| 282.0 | 340.40 | -44.50 | ES | | Reflex EasyShot Multi-Shot |
| 288.0 | 340.20 | -44.40 | ES | | Reflex EasyShot Multi-Shot |
| 291.0 | 338.00 | -44.40 | ES | | Reflex EasyShot Multi-Shot |
| 297.0 | 338.00 | -44.30 | ES | | Reflex EasyShot Multi-Shot |
| 300.0 | 343.60 | -44.20 | ES | | Reflex EasyShot Multi-Shot |
| 306.0 | 339.50 | -44.00 | ES | | Reflex EasyShot Multi-Shot |
| 310.0 | 340.49 | -44.07 | G | O | North Seaker Gyro |
| 312.0 | 336.60 | -43.90 | ES | O | Reflex EasyShot Multi-Shot |
| 318.0 | 339.60 | -43.80 | ES | O | Reflex EasyShot Multi-Shot |
| 321.0 | 339.40 | -43.70 | ES | O | Reflex EasyShot Multi-Shot |
| 327.0 | 339.90 | -43.50 | ES | O | Reflex EasyShot Multi-Shot |
| 330.0 | 339.90 | -43.40 | ES | O | Reflex EasyShot Multi-Shot |
| 336.0 | 340.30 | -43.30 | ES | O | Reflex EasyShot Multi-Shot |
| 340.0 | 340.43 | -43.31 | G | O | North Seaker Gyro |
| 342.0 | 342.70 | -43.20 | EZ | | Mag 55033 |
| 348.0 | 341.10 | -43.00 | ES | O | Reflex EasyShot Multi-Shot |
| 351.0 | 340.40 | -42.90 | ES | O | Reflex EasyShot Multi-Shot |
| 357.0 | 339.00 | -42.80 | ES | O | Reflex EasyShot Multi-Shot |
| 360.0 | 340.00 | -42.70 | ES | O | Reflex EasyShot Multi-Shot |
| 366.0 | 339.90 | -42.60 | ES | O | Reflex EasyShot Multi-Shot |
| 370.0 | 340.59 | -42.58 | G | O | North Seaker Gyro |
| 372.0 | 337.40 | -42.40 | ES | O | Reflex EasyShot Multi-Shot |
| 378.0 | 336.00 | -42.30 | ES | O | Reflex EasyShot Multi-Shot |
| 381.0 | 338.20 | -42.20 | ES | O | Reflex EasyShot Multi-Shot |
| 387.0 | 342.30 | -42.00 | ES | O | Reflex EasyShot Multi-Shot |
| 390.0 | 339.50 | -42.00 | ES | O | Reflex EasyShot Multi-Shot |
| 396.0 | 340.10 | -41.80 | ES | O | Reflex EasyShot Multi-Shot |
| 400.0 | 340.70 | -41.81 | G | O | North Seaker Gyro |
| 402.0 | 342.30 | -41.60 | ES | O | Reflex EasyShot Multi-Shot |
| 408.0 | 343.20 | -41.40 | ES | O | Reflex EasyShot Multi-Shot |
| 411.0 | 343.40 | -41.40 | ES | O | Reflex EasyShot Multi-Shot |
| 282.0 | 340.10 | -44.50 | EZ | | Mag 54369 |
| 285.0 | 339.90 | -44.50 | ES | | Reflex EasyShot Multi-Shot |
| 290.0 | 340.66 | -44.47 | G | O | North Seaker Gyro |
| 294.0 | 334.20 | -44.30 | ES | | Reflex EasyShot Multi-Shot |
| 300.0 | 340.53 | -44.30 | G | O | North Seaker Gyro |
| 303.0 | 339.20 | -44.10 | ES | | Reflex EasyShot Multi-Shot |
| 309.0 | 341.00 | -44.00 | ES | O | Reflex EasyShot Multi-Shot |
| 312.0 | 338.20 | -43.80 | EZ | | Mag 54449 |
| 315.0 | 337.60 | -43.80 | ES | O | Reflex EasyShot Multi-Shot |
| 320.0 | 340.40 | -43.79 | G | O | North Seaker Gyro |
| 324.0 | 342.00 | -43.60 | ES | O | Reflex EasyShot Multi-Shot |
| 330.0 | 340.37 | -43.49 | G | O | North Seaker Gyro |
| 333.0 | 339.90 | -43.40 | ES | O | Reflex EasyShot Multi-Shot |
| 339.0 | 340.40 | -43.20 | ES | O | Reflex EasyShot Multi-Shot |
| 342.0 | 342.20 | -43.20 | ES | O | Reflex EasyShot Multi-Shot |
| 345.0 | 339.80 | -43.10 | ES | O | Reflex EasyShot Multi-Shot |
| 350.0 | 340.46 | -43.05 | G | O | North Seaker Gyro |
| 354.0 | 335.80 | -42.80 | ES | O | Reflex EasyShot Multi-Shot |
| 360.0 | 340.54 | -42.79 | G | O | North Seaker Gyro |
| 363.0 | 339.30 | -42.60 | ES | O | Reflex EasyShot Multi-Shot |
| 369.0 | 338.60 | -42.50 | ES | O | Reflex EasyShot Multi-Shot |
| 372.0 | 339.00 | -42.50 | EZ | | Mag 54541 |
| 375.0 | 336.80 | -42.30 | ES | O | Reflex EasyShot Multi-Shot |
| 380.0 | 340.63 | -42.30 | G | O | North Seaker Gyro |
| 384.0 | 342.50 | -42.10 | ES | O | Reflex EasyShot Multi-Shot |
| 390.0 | 340.63 | -42.05 | G | O | North Seaker Gyro |
| 393.0 | 339.10 | -41.90 | ES | O | Reflex EasyShot Multi-Shot |
| 399.0 | 341.10 | -41.80 | ES | O | Reflex EasyShot Multi-Shot |
| 402.0 | 341.50 | -41.70 | EZ | | Mag 54297 |
| 405.0 | 342.70 | -41.60 | ES | O | Reflex EasyShot Multi-Shot |
| 410.0 | 340.83 | -41.47 | G | O | North Seaker Gyro |
| 414.0 | 343.50 | -41.20 | ES | O | Reflex EasyShot Multi-Shot |

**Hole number:** KLUC18-517

**Survey data**

| Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 417.0 | 342.00 | -41.10 | ES | O | Reflex EasyShot Multi-Shot |
| 420.0 | 343.60 | -40.90 | ES | O | Reflex EasyShot Multi-Shot |
| 426.0 | 343.40 | -40.80 | ES | O | Reflex EasyShot Multi-Shot |
| 430.0 | 340.92 | -40.75 | G | O | North Seaker Gyro |
| 432.0 | 343.30 | -40.50 | ES | O | Reflex EasyShot Multi-Shot |
| 438.0 | 343.40 | -40.40 | ES | O | Reflex EasyShot Multi-Shot |
| 441.0 | 343.10 | -40.30 | ES | O | Reflex EasyShot Multi-Shot |
| 447.0 | 343.10 | -40.10 | ES | O | Reflex EasyShot Multi-Shot |
| 450.0 | 342.90 | -40.00 | ES | O | Reflex EasyShot Multi-Shot |
| 456.0 | 342.60 | -39.80 | ES | O | Reflex EasyShot Multi-Shot |
| 460.0 | 340.83 | -39.80 | G | O | North Seaker Gyro |
| 462.0 | 342.10 | -39.60 | ES | O | Reflex EasyShot Multi-Shot |
| 468.0 | 341.70 | -39.50 | ES | O | Reflex EasyShot Multi-Shot |
| 471.0 | 341.20 | -39.40 | ES | O | Reflex EasyShot Multi-Shot |
| 477.0 | 340.90 | -39.30 | ES | O | Reflex EasyShot Multi-Shot |
| 480.0 | 337.50 | -39.20 | ES | O | Reflex EasyShot Multi-Shot |
| 486.0 | 338.30 | -39.10 | ES | O | Reflex EasyShot Multi-Shot |
| 490.0 | 340.86 | -39.10 | G | O | North Seaker Gyro |
| 492.0 | 341.20 | -39.00 | ES | O | Reflex EasyShot Multi-Shot |
| 498.0 | 341.70 | -38.80 | ES | O | Reflex EasyShot Multi-Shot |
| 501.0 | 341.10 | -38.70 | ES | O | Reflex EasyShot Multi-Shot |
| 507.0 | 342.80 | -38.60 | ES | O | Reflex EasyShot Multi-Shot |
| 510.0 | 341.50 | -38.50 | ES | O | Reflex EasyShot Multi-Shot |
| 516.0 | 339.80 | -38.30 | ES | O | Reflex EasyShot Multi-Shot |
| 522.0 | 342.80 | -38.20 | EZ | | Mag 54598 |
| 525.0 | 342.20 | -38.10 | ES | O | Reflex EasyShot Multi-Shot |
| 531.0 | 342.60 | -37.80 | ES | O | Reflex EasyShot Multi-Shot |
| 537.0 | 341.90 | -37.60 | ES | O | Reflex EasyShot Multi-Shot |
| 543.0 | 340.50 | -37.40 | ES | O | Reflex EasyShot Multi-Shot |
| 549.0 | 341.00 | -37.20 | ES | O | Reflex EasyShot Multi-Shot |
| 552.0 | 341.10 | -37.30 | EZ | | Mag 55832 |
| 558.0 | 341.40 | -37.00 | ES | O | Reflex EasyShot Multi-Shot |
| 420.0 | 340.93 | -41.01 | G | O | North Seaker Gyro |
| 423.0 | 342.60 | -40.90 | ES | O | Reflex EasyShot Multi-Shot |
| 429.0 | 343.40 | -40.70 | ES | O | Reflex EasyShot Multi-Shot |
| 432.0 | 343.70 | -40.90 | EZ | | Mag 54825 |
| 435.0 | 343.40 | -40.50 | ES | O | Reflex EasyShot Multi-Shot |
| 440.0 | 340.81 | -40.39 | G | O | North Seaker Gyro |
| 444.0 | 343.00 | -40.20 | ES | O | Reflex EasyShot Multi-Shot |
| 450.0 | 340.82 | -40.09 | G | O | North Seaker Gyro |
| 453.0 | 342.60 | -39.90 | ES | O | Reflex EasyShot Multi-Shot |
| 459.0 | 341.90 | -39.70 | ES | O | Reflex EasyShot Multi-Shot |
| 462.0 | 342.50 | -39.70 | EZ | | Mag 54288 |
| 465.0 | 338.90 | -39.60 | ES | O | Reflex EasyShot Multi-Shot |
| 470.0 | 340.86 | -39.54 | G | O | North Seaker Gyro |
| 474.0 | 341.10 | -39.30 | ES | O | Reflex EasyShot Multi-Shot |
| 480.0 | 340.91 | -39.29 | G | O | North Seaker Gyro |
| 483.0 | 334.30 | -39.10 | ES | O | Reflex EasyShot Multi-Shot |
| 489.0 | 340.60 | -39.00 | ES | O | Reflex EasyShot Multi-Shot |
| 492.0 | 341.20 | -39.10 | EZ | | Mag 54813 |
| 495.0 | 340.60 | -38.90 | ES | O | Reflex EasyShot Multi-Shot |
| 500.0 | 340.80 | -38.81 | G | O | North Seaker Gyro |
| 504.0 | 340.50 | -38.60 | ES | O | Reflex EasyShot Multi-Shot |
| 510.0 | 340.68 | -38.61 | G | O | North Seaker Gyro |
| 513.0 | 342.20 | -38.40 | ES | O | Reflex EasyShot Multi-Shot |
| 519.0 | 339.00 | -38.20 | ES | O | Reflex EasyShot Multi-Shot |
| 522.0 | 341.80 | -38.20 | ES | O | Reflex EasyShot Multi-Shot |
| 528.0 | 341.80 | -37.90 | ES | O | Reflex EasyShot Multi-Shot |
| 534.0 | 343.30 | -37.70 | ES | O | Reflex EasyShot Multi-Shot |
| 540.0 | 343.10 | -37.40 | ES | O | Reflex EasyShot Multi-Shot |
| 546.0 | 341.20 | -37.30 | ES | O | Reflex EasyShot Multi-Shot |
| 552.0 | 342.80 | -37.20 | ES | O | Reflex EasyShot Multi-Shot |
| 555.0 | 342.00 | -37.10 | ES | O | Reflex EasyShot Multi-Shot |
| 561.0 | 338.40 | -37.00 | ES | O | Reflex EasyShot Multi-Shot |

## Hole number: KLUC18-517

**Survey data**

| Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 564.0 | 339.80 | -36.90 | ES | O | Reflex EasyShot Multi-Shot |
| 570.0 | 341.80 | -36.90 | ES | O | Reflex EasyShot Multi-Shot |
| 576.0 | 339.30 | -36.70 | ES | O | Reflex EasyShot Multi-Shot |
| 582.0 | 338.70 | -36.60 | ES | O | Reflex EasyShot Multi-Shot |
| 585.0 | 338.90 | -36.60 | ES | O | Reflex EasyShot Multi-Shot |
| 591.0 | 339.90 | -36.50 | ES | O | Reflex EasyShot Multi-Shot |
| 597.0 | 337.50 | -36.40 | ES | O | Reflex EasyShot Multi-Shot |
| 603.0 | 340.40 | -36.20 | ES | O | Reflex EasyShot Multi-Shot |
| 609.0 | 338.50 | -36.10 | ES | O | Reflex EasyShot Multi-Shot |
| 612.0 | 339.70 | -36.10 | EZ | | Mag 54481 |
| 618.0 | 338.80 | -36.00 | ES | O | Reflex EasyShot Multi-Shot |
| 624.0 | 341.90 | -35.80 | ES | O | Reflex EasyShot Multi-Shot |
| 630.0 | 337.00 | -35.80 | ES | O | Reflex EasyShot Multi-Shot |
| 636.0 | 339.30 | -35.70 | ES | O | Reflex EasyShot Multi-Shot |
| 642.0 | 338.40 | -35.50 | ES | O | Reflex EasyShot Multi-Shot |
| 645.0 | 338.60 | -35.50 | ES | O | Reflex EasyShot Multi-Shot |
| 651.0 | 336.70 | -35.40 | ES | O | Reflex EasyShot Multi-Shot |
| 657.0 | 340.40 | -35.40 | ES | O | Reflex EasyShot Multi-Shot |
| 663.0 | 342.50 | -35.20 | ES | O | Reflex EasyShot Multi-Shot |
| 669.0 | 340.60 | -35.20 | ES | O | Reflex EasyShot Multi-Shot |
| 672.0 | 343.80 | -35.30 | EZ | | Mag 56831 |
| 678.0 | 342.30 | -35.00 | ES | O | Reflex EasyShot Multi-Shot |
| 567.0 | 340.60 | -36.90 | ES | O | Reflex EasyShot Multi-Shot |
| 573.0 | 338.10 | -36.80 | ES | O | Reflex EasyShot Multi-Shot |
| 579.0 | 338.50 | -36.70 | ES | O | Reflex EasyShot Multi-Shot |
| 582.0 | 340.10 | -36.70 | EZ | | Mag 55189 |
| 588.0 | 337.70 | -36.50 | ES | O | Reflex EasyShot Multi-Shot |
| 594.0 | 339.30 | -36.40 | ES | O | Reflex EasyShot Multi-Shot |
| 600.0 | 339.50 | -36.30 | ES | O | Reflex EasyShot Multi-Shot |
| 606.0 | 339.90 | -36.20 | ES | O | Reflex EasyShot Multi-Shot |
| 612.0 | 340.40 | -36.00 | ES | O | Reflex EasyShot Multi-Shot |
| 615.0 | 338.20 | -36.00 | ES | O | Reflex EasyShot Multi-Shot |
| 621.0 | 336.50 | -35.90 | ES | O | Reflex EasyShot Multi-Shot |
| 627.0 | 337.00 | -35.80 | ES | O | Reflex EasyShot Multi-Shot |
| 633.0 | 340.30 | -35.70 | ES | O | Reflex EasyShot Multi-Shot |
| 639.0 | 338.60 | -35.60 | ES | O | Reflex EasyShot Multi-Shot |
| 642.0 | 339.90 | -35.50 | EZ | | Mag 55359 |
| 648.0 | 338.30 | -35.40 | ES | O | Reflex EasyShot Multi-Shot |
| 654.0 | 338.70 | -35.40 | ES | O | Reflex EasyShot Multi-Shot |
| 660.0 | 341.10 | -35.30 | ES | O | Reflex EasyShot Multi-Shot |
| 666.0 | 340.20 | -35.20 | ES | O | Reflex EasyShot Multi-Shot |
| 672.0 | 343.30 | -35.00 | ES | O | Reflex EasyShot Multi-Shot |
| 675.0 | 342.20 | -35.00 | ES | O | Reflex EasyShot Multi-Shot |

| Certificate |
|---|
| A19-807 |
| A19-813 |
| TM18303811 |
| TM18303849 |
| TM18308556 |
| TM18308576 |
| TM18311986 |
| TM18315610 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505D18-017 | Excaon1 | CAOND115912 - CAOND115958<br>CAOND116501 - CAOND116534 |
| CXE5505D18-018 | Excaon1 | CAOND114171 - CAOND114301<br>CAOND115959 - CAOND116000<br>CAOND116535 - CAOND116688<br>CAOND116716 |
| CXE5505D18-019 | Excaon1 | CAOND114302 - CAOND114383<br>CAOND116689 - CAOND116715<br>CAOND116717 - CAOND116766 |

| Sample number | Standard |
|---|---|
| CAOND114175 | CDN-GS-5U-AEM |
| CAOND114190 | CDN-CM-28-AEM |
| CAOND114215 | CDN-CM-24-AEM |
| CAOND114220 | BLANK-DB |
| CAOND114230 | CDN-GS-5U-AEM |
| CAOND114245 | CDN-CM-28-AEM |
| CAOND114260 | CDN-CM-24-AEM |
| CAOND114270 | BLANK-DB |

**Hole number:** KLUC18-517

| Certificate |
|---|
| TM18317989 |
| TM18317993 |
| TM18322539 |
| TM19022962 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505D18-020 | Excaon1 | CAOND114302 - CAOND114420<br>CAOND116767 - CAOND116855 |
| CXE5505D18-021 | Excaon1 | CAOND114421 - CAOND114500<br>CAOND116856 - CAOND116903<br>CAOND117001 - CAOND117076 |
| CXE5505D18-022 | Excaon1 | CAOND116904 - CAOND117000<br>CAOND117077 - CAOND117239<br>CAOND117501 - CAOND117589<br>CAOND117591 - CAOND117600<br>CAOND117640 - CAOND117700<br>CAOND117726 - CAOND117729<br>CAOND117731 - CAOND117743<br>CAOND117751 - CAOND117816 |
| CXE5505D18WRA-005 | Excaon2-WRA | CAOND115914<br>CAOND116526 |
| CXE5505D18WRA-006 | Excaon2-WRA | CAOND114216<br>CAOND114293<br>CAOND115997<br>CAOND116574 |
| CXE5505D18WRA-008 | Excaon2-WRA | CAOND114384 |
| CXE5505D18WRA-009 | Excaon2-WRA | CAOND114421<br>CAOND114435<br>CAOND114438<br>CAOND114452<br>CAOND116887 |
| CXE5505D18WRA-020 | Excaon2-WRA | CAOND119010 - CAOND119015<br>CAOND119028 - CAOND119044<br>CAOND119053 - CAOND119059 |
| CXE5505R19-025 | Excaon1 | CAOND109014<br>CAOND109018<br>CAOND109034<br>CAOND109038<br>CAOND109053<br>CAOND109056<br>CAOND109067<br>CAOND109072<br>CAOND109211<br>CAOND109287<br>CAOND109291<br>CAOND109294<br>CAOND109296<br>CAOND109318 |

| Sample number | Standard |
|---|---|
| CAOND114275 | CDN-GS-5U-AEM |
| CAOND114290 | CDN-CM-28-AEM |
| CAOND114315 | CDN-CM-24-AEM |
| CAOND114320 | BLANK-DB |
| CAOND114330 | CDN-GS-5U-AEM |
| CAOND114345 | CDN-CM-28-AEM |
| CAOND114360 | CDN-CM-24-AEM |
| CAOND114370 | BLANK-DB |
| CAOND114375 | CDN-GS-5U-AEM |
| CAOND114390 | CDN-CM-28-AEM |
| CAOND114415 | CDN-CM-24-AEM |
| CAOND114420 | BLANK-DB |
| CAOND114427 | BLANK-DB |
| CAOND114430 | CDN-GS-5U-AEM |
| CAOND114445 | CDN-CM-28-AEM |
| CAOND114460 | CDN-CM-24-AEM |
| CAOND114470 | BLANK-DB |
| CAOND114475 | CDN-GS-5U-AEM |
| CAOND114490 | CDN-CM-28-AEM |
| CAOND115916 | CDN-CM-24-AEM |
| CAOND115920 | BLANK-DB |
| CAOND115930 | CDN-GS-5U-AEM |
| CAOND115945 | CDN-CM-28-AEM |
| CAOND115960 | CDN-CM-24-AEM |
| CAOND115970 | BLANK-DB |
| CAOND115975 | CDN-GS-5U-AEM |
| CAOND115990 | CDN-CM-28-AEM |
| CAOND117015 | CDN-CM-24-AEM |
| CAOND117020 | BLANK-DB |
| CAOND117030 | CDN-GS-5U-AEM |
| CAOND117045 | CDN-CM-28-AEM |
| CAOND117060 | CDN-CM-24-AEM |
| CAOND117070 | BLANK-DB |
| CAOND117075 | CDN-GS-5U-AEM |
| CAOND117090 | CDN-CM-28-AEM |

**Hole number:** KLUC18-517

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND109357 |
| | | CAOND109369 |
| | | CAOND109435 |
| | | CAOND109438 |
| | | CAOND109495 |
| | | CAOND109503 |
| | | CAOND109528 |
| | | CAOND109535 |
| | | CAOND109557 |
| | | CAOND109564 |
| | | CAOND109674 |
| | | CAOND109677 |
| | | CAOND109689 |
| | | CAOND109691 |
| | | CAOND109704 |
| | | CAOND109710 |
| | | CAOND109729 |
| | | CAOND109751 |
| | | CAOND109757 |
| | | CAOND109764 |
| | | CAOND109781 |
| | | CAOND109787 |
| | | CAOND109796 - CAOND109797 |
| | | CAOND109818 |
| | | CAOND109836 |
| | | CAOND109839 |
| | | CAOND109874 - CAOND109875 |
| | | CAOND109890 |
| | | CAOND109940 |
| | | CAOND109974 |
| | | CAOND109984 |
| | | CAOND110011 |
| | | CAOND110056 - CAOND110057 |
| | | CAOND110062 |
| | | CAOND110073 |
| | | CAOND110113 |
| | | CAOND110161 |
| | | CAOND110163 |
| | | CAOND110174 |
| | | CAOND110198 |
| | | CAOND110213 |
| | | CAOND110236 |
| | | CAOND110240 |

| Sample number | Standard |
|---|---|
| CAOND117115 | CDN-CM-24-AEM |
| CAOND117120 | BLANK-DB |
| CAOND117130 | CDN-GS-5U-AEM |
| CAOND117145 | CDN-CM-28-AEM |

**Hole number:** KLUC18-517

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND110249 |
| | | CAOND110261 |
| | | CAOND110270 |
| | | CAOND110322 |
| | | CAOND110328 |
| | | CAOND110340 |
| | | CAOND110355 |
| | | CAOND110362 |
| | | CAOND110379 |
| | | CAOND110382 - CAOND110383 |
| | | CAOND110398 |
| | | CAOND110434 |
| | | CAOND110438 |
| | | CAOND110441 |
| | | CAOND110443 |
| | | CAOND110468 |
| | | CAOND110496 |
| | | CAOND110502 |
| | | CAOND110514 |
| | | CAOND110523 |
| | | CAOND110539 |
| | | CAOND110544 |
| | | CAOND110552 |
| | | CAOND110572 |
| | | CAOND110593 - CAOND110595 |
| | | CAOND110603 |
| | | CAOND110633 |
| | | CAOND110664 - CAOND110665 |
| | | CAOND110683 |
| | | CAOND110694 |
| | | CAOND110710 |
| | | CAOND110712 - CAOND110713 |
| | | CAOND110808 |
| | | CAOND110813 |
| | | CAOND110837 |
| | | CAOND110871 |
| | | CAOND110885 |
| | | CAOND110948 |
| | | CAOND110951 |
| | | CAOND110956 |
| | | CAOND110978 |
| | | CAOND111098 |
| | | CAOND111129 |

**Hole number:** KLUC18-517

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND111178 |
| | | CAOND111262 |
| | | CAOND111277 |
| | | CAOND111286 |
| | | CAOND111385 |
| | | CAOND111446 |
| | | CAOND111448 |
| | | CAOND111455 |
| | | CAOND111481 |
| | | CAOND111513 |
| | | CAOND111529 |
| | | CAOND111558 |
| | | CAOND111606 |
| | | CAOND111629 |
| | | CAOND111634 |
| | | CAOND111673 |
| | | CAOND111686 |
| | | CAOND111690 |
| | | CAOND111709 |
| | | CAOND111734 |
| | | CAOND111747 |
| | | CAOND111752 |
| | | CAOND111763 |
| | | CAOND111774 |
| | | CAOND111794 |
| | | CAOND111806 |
| | | CAOND111838 |
| | | CAOND111842 |
| | | CAOND111876 |
| | | CAOND111878 |
| | | CAOND111881 |
| | | CAOND111889 |
| | | CAOND111913 |
| | | CAOND111954 |
| | | CAOND111988 |
| | | CAOND112048 |
| | | CAOND112084 |
| | | CAOND112097 |
| | | CAOND112123 |
| | | CAOND112128 |
| | | CAOND112154 |
| | | CAOND112187 |
| | | CAOND112214 |

**Hole number:** KLUC18-517

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND112218 |
| | | CAOND112223 - CAOND112224 |
| | | CAOND112263 |
| | | CAOND112286 |
| | | CAOND112309 |
| | | CAOND112410 |
| | | CAOND112434 |
| | | CAOND112474 |
| | | CAOND112485 |
| | | CAOND112505 |
| | | CAOND112513 |
| | | CAOND112537 |
| | | CAOND112559 |
| | | CAOND112584 |
| | | CAOND112606 |
| | | CAOND112632 |
| | | CAOND112676 |
| | | CAOND112704 |
| | | CAOND112757 |
| | | CAOND112789 |
| | | CAOND112794 |
| | | CAOND112798 |
| | | CAOND112811 - CAOND112812 |
| | | CAOND112832 |
| | | CAOND112837 |
| | | CAOND112846 |
| | | CAOND112855 |
| | | CAOND112865 |
| | | CAOND112917 |
| | | CAOND112937 |
| | | CAOND112957 |
| | | CAOND112971 |
| | | CAOND113672 |
| | | CAOND113777 |
| | | CAOND113779 |
| | | CAOND113781 |
| | | CAOND113789 |
| | | CAOND114014 |
| | | CAOND114020 |
| | | CAOND114187 |
| | | CAOND114221 |
| | | CAOND114264 |
| | | CAOND114276 |

**Hole number:** KLUC18-517

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND115912 |
| | | CAOND115926 |
| | | CAOND115942 |
| | | CAOND115959 |
| | | CAOND115962 |
| | | CAOND115999 |
| | | CAOND116503 |
| | | CAOND116522 |
| | | CAOND116533 |
| | | CAOND116542 |
| | | CAOND116618 |
| | | CAOND116620 |
| | | CAOND116633 |
| | | CAOND116642 |
| | | CAOND116658 |
| | | CAOND116660 |
| | | CAOND116673 |

*The sample list may content samples from other holes

**Major:** **From:** 628.70 **To:** 678.00 I2Dt, Trachytic Syenite

Composition: Dominantly dark purple with minor dark green and medium purplish pink, fine to medium grained and massive with minor porphyritic intervals; I2Dt - Trachytic syenite. Magnetism: Moderately magnetic. Veinning: 1% qtz-cal-hl veinning 1-3cm thick and 2-3% chaotic white and pink calcite veining. Structure: Moderately deformed with locally weak preferential alignment at 40-50 TCA. Alteration: Weak to moderate calcite alteration. Mineralization: Trace very fine grained Py mineralization throughout, locally 1-2% clustered Py. Trace Cp mineralization locally in veinning. Lower Contact: Not reached

**MINOR INTERVAL**

632.30 - 633.40: I2DComposition: Medium to dark red, medium to fine grained and massive with weak porphyritic texture; I2D - Syenite. Magnetism: Non magnetic Veinning: <1% mm scale qtz-carb veinning. Structure: Weak chaotic deformation. Alteration: Moderate to strong pervasive kspar alteration. Mineralization: Trace very fine grained Py mineralization. Contacts: Sharp and oriented at 50 TCA.

**TEXTURE**

TYPE/COLOR/GRAIN_SIZE/COMMENTS

643.00, 653.00, POR, -, MGR, porphyritic

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

643.00, 646.00, QtzCalChl, 5.00, -, -, -, -, -, -, -, CPY, .50, 5% qtz-cal-chl veinning with trace Cp mineralization. dominantly <1cm thick with 1x at 3cm thick. no preferred orientation

660.60, 660.70, QTZ, 10.00, -, -, -, -, -, -, -, -, -, 5cm thick pale grey qtz veins with sharp slightly

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117118 | 628.7 | 630.0 | 1.3 | 0.049 | | | | |
| CAOND117119 | 630.0 | 631.3 | 1.3 | 0.039 | | | | |
| CAOND117121 | 631.3 | 632.3 | 1.0 | 3.900 | | | | |
| CAOND117122 | 632.3 | 633.4 | 1.1 | 0.094 | | | | |
| CAOND117123 | 633.4 | 634.5 | 1.1 | 0.057 | | | | |
| CAOND117124 | 634.5 | 636.0 | 1.5 | 0.036 | | | | |
| CAOND117126 | 636.0 | 637.5 | 1.5 | 0.054 | | | | |
| CAOND117127 | 637.5 | 639.0 | 1.5 | 0.048 | | | | |
| CAOND117128 | 639.0 | 640.5 | 1.5 | 0.040 | | | | |
| CAOND117129 | 640.5 | 642.0 | 1.5 | 0.028 | | | | |
| CAOND117131 | 642.0 | 643.5 | 1.5 | 0.051 | | | | |
| CAOND117132 | 643.5 | 645.0 | 1.5 | 0.023 | | | | |
| CAOND117133 | 645.0 | 646.5 | 1.5 | 0.020 | | | | |
| CAOND117134 | 646.5 | 648.0 | 1.5 | 0.030 | | | | |
| CAOND117135 | 648.0 | 649.5 | 1.5 | 0.047 | | | | |
| CAOND117136 | 649.5 | 651.0 | 1.5 | 0.012 | | | | |
| CAOND117137 | 651.0 | 652.5 | 1.5 | 0.010 | | | | |
| CAOND117138 | 652.5 | 654.0 | 1.5 | 0.048 | | | | |

**Hole number:** KLUC18-517

irregular contacts at 80 TCA
662.80, 666.00, QtzCalChl, 5.00, -, -, -, -, -, -, -, -, -, 5% qtz-cal-chl veinning dominantly <1cm thick with no preferred orientation

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117139 | 654.0 | 655.5 | 1.5 | 0.519 | | | | |
| CAOND117140 | 655.5 | 657.0 | 1.5 | 0.129 | | | | |
| CAOND117141 | 657.0 | 658.5 | 1.5 | 0.071 | | | | |
| CAOND117142 | 658.5 | 660.0 | 1.5 | 0.330 | | | | |
| CAOND117143 | 660.0 | 661.5 | 1.5 | 2.810 | | | | |
| CAOND117144 | 661.5 | 663.0 | 1.5 | 0.147 | | | | |
| CAOND117146 | 663.0 | 664.5 | 1.5 | 0.113 | | | | |
| CAOND117147 | 664.5 | 666.0 | 1.5 | 0.039 | | | | |
| CAOND117148 | 666.0 | 667.5 | 1.5 | 0.032 | | | | |
| CAOND117149 | 667.5 | 669.0 | 1.5 | 0.012 | | | | |
| CAOND117151 | 669.0 | 670.5 | 1.5 | 0.024 | | | | |
| CAOND117152 | 670.5 | 672.0 | 1.5 | 0.013 | | | | |
| CAOND117153 | 672.0 | 673.5 | 1.5 | 0.110 | | | | |
| CAOND117154 | 673.5 | 675.0 | 1.5 | 0.013 | | | | |
| CAOND117155 | 675.0 | 676.5 | 1.5 | 0.014 | | | | |
| CAOND117156 | 676.5 | 678.0 | 1.5 | 0.015 | | | | |

**Major:** **From:** 68.40 **To:** 74.80 V8tl, Trachytic lapilli tuff

Composition: Dark green, dark grey, pale to medium buff with mm scale white spots and minor dark red patches and spots, strongly foliated, appears to be a melange of V8tl and possibly V8RS?; V8tl - Trachytic lapilli tuff. Magnetism: Moderately magnetic. Veinning: No significant veinning. Structure: Strong deformation and strong foliation oriented at 40 - 50 TCA. Alteration: Moderate patchy to pervasive Se and moderate banded CHL alteration, possible minor spotted Kpsar or hem alteration and patchy dolomite? Mineralization: Rare to trace very fine grained disseminated Py mineralization. Lower Contact: Gradational, contact is placed where textures and colour appear to be associated with a V8RS.

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

68.40, 74.80, DFZ, STRONG, 50.00, -, -, -, Strong deformation with strong foliation and preferential alignment oriented at 40-50 TCA
68.40, 74.80, FOL, STRONG, 50.00, -, -, -, Strong foliation oriented at 40-50 TCA defined by the alignment and alternation of bands and lapilli clusters

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115968 | 68.4 | 69.5 | 1.1 | 0.005 | | | | |
| CAOND115969 | 69.5 | 70.5 | 1.0 | 0.117 | | | | |
| CAOND115971 | 70.5 | 72.0 | 1.5 | 0.038 | | | | |
| CAOND115972 | 72.0 | 73.5 | 1.5 | 0.011 | | | | |
| CAOND115973 | 73.5 | 74.8 | 1.3 | 0.012 | | | | |

**Major:** **From:** 74.80 **To:** 77.20 V8RS, Trachyte red spotted

Composition: Pale green, pale to medium buff with dark red stringers and spots, dominantly very fine to fine grained tuff with fine to medium grained lapilli, strongly deformed; V8RS - Trachyte red spotted. Magnetism: Moderate magnetism. Veinning: No significant veinning. Structure: Strong deformation with

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115974 | 74.8 | 76.0 | 1.2 | 0.008 | | | | |
| CAOND115976 | 76.0 | 77.2 | 1.2 | 0.009 | | | | |

**Hole number:** KLUC18-517

strong foliation oriented at 40-50 TCA. Alteration: Moderate to strong pervasive Chl and Se alteration with moderate spotted kpsar or hem alteration. Mineralization: No mineralization observed. Lower Contact: Gradational, contact is placed where colours and textures change and red spots suddenly diminish.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

74.80, 77.20, SER+, BAN, MOD, -, -, -, Moderate to strong banded to pervasive Se alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

74.80, 77.20, DFZ, STRONG, 50.00, -, -, -, Strong deformation with strong foliation and preferential alignment oriented at 40-50 TCA

74.80, 77.20, FOL, STRONG, 50.00, -, -, -, Strong foliation oriented at 40-50 TCA defined by the alignment and alternation of bands and lapilli clusters

**Major:** **From:** 77.20 **To:** 157.00 V8tl, Trachytic lapilli tuff

Composition: Dominantly dark green and dark grey with stringers, patches and bands of creamy white, dark red and dark purplish red, strongly foliated; V8tl - Trachytic lapilli tuff. Magnetism: Moderately magnetic. Veinning: 5% possibly chaotic and deformed dark red qtz-kspar veinning? and 1-2% carbonate fracture filled veinlets. Structure: Strong deformation and strong foliation oriented at 40 - 50 TCA. Alteration: Moderate banded chl alteration, moderate patchy kpsar? and moderate patchy dolomite? Mineralization: Rare to trace very fine grained disseminated Py mineralization and 2-3% fine grained subhedral to euhedral magnetite disseminated throughout. Lower Contact: Gradational, contact placed where colour becomes dominantly dark grey, there is a change is composition and Ca alteration is introduced. 92-115m: Colour changes to medium yellowish green with more abundant dark red patches. Possible increase in abundancce of bands of Se and Kspar alteration? Increase in chaotic qtz veinning. Strong foliation at 40-50 TCA still present with minor interval with high angle foliation at 70 TCA. 105-106m: minor interval containning 20% subrounded dark purplish red and dark red clasts up to 1cm in size. May be somesort of debris flow? Appears to contain a higher abundance and concentration of clasts.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

77.20, 154.00, MAG, HDC, 2.00, -, FGR, 2-3% fine grained disseminated subhedral to euhderal magnetite

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

92.00, 115.00, KFS+, PAT, MOD, RED2_BASIC, -, -, Moderate to strong patchy Kspar? alteration

92.00, 115.00, SER+, PEN, MOD, -, -, -, Moderate to strong Se? alteration

142.50, 146.50, KFS+, PAT, MOD, RED2_BASIC, -, -, Moderate to strong patchy Kspar? alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115977 | 77.2 | 78.5 | 1.3 | 0.003 | | | | |
| CAOND115978 | 78.5 | 80.0 | 1.5 | 0.003 | | | | |
| CAOND115979 | 80.0 | 81.5 | 1.5 | 0.003 | | | | |
| CAOND115981 | 81.5 | 83.0 | 1.5 | 0.003 | | | | |
| CAOND115982 | 83.0 | 84.5 | 1.5 | 0.003 | | | | |
| CAOND115983 | 84.5 | 86.0 | 1.5 | 0.003 | | | | |
| CAOND115984 | 86.0 | 87.5 | 1.5 | 0.003 | | | | |
| CAOND115985 | 87.5 | 89.0 | 1.5 | 0.003 | | | | |
| CAOND115986 | 89.0 | 90.5 | 1.5 | 0.003 | | | | |
| CAOND115987 | 90.5 | 92.0 | 1.5 | 0.005 | | | | |
| CAOND115988 | 92.0 | 93.0 | 1.0 | 0.003 | | | | |
| CAOND115989 | 93.0 | 94.0 | 1.0 | 0.011 | | | | |
| CAOND115991 | 94.0 | 95.5 | 1.5 | 0.021 | | | | |
| CAOND115992 | 95.5 | 97.0 | 1.5 | 0.034 | | | | |
| CAOND115993 | 97.0 | 97.9 | 0.9 | 0.003 | | | | |
| CAOND115994 | 97.9 | 99.0 | 1.1 | 0.003 | | | | |
| CAOND115995 | 99.0 | 100.5 | 1.5 | 0.003 | | | | |
| CAOND115996 | 100.5 | 102.0 | 1.5 | 0.003 | | | | |
| CAOND115997 | 102.0 | 103.0 | 1.0 | 0.003 | 0.250 | 51 | 105 | |
| CAOND115998 | 103.0 | 104.5 | 1.5 | 0.005 | | | | |
| CAOND115999 | 104.5 | 106.0 | 1.5 | 0.003 | | | | |

**Hole number:** KLUC18-517

77.20, 77.80, DFZ, STRONG, 50.00, -, -, -, Strong deformation with strong foliation and preferential alignment oriented at 40-50 TCA
77.20, 77.80, FOL, STRONG, 50.00, -, -, -, Strong foliation oriented at 40-50 TCA defined by the alignment and alternation of bands and lapilli clusters
77.80, 97.00, FOL, STRONG, 50.00, -, -, -, Strong foliation oriented at 40-50 TCA defined by the alignment and alternation of bands and lapilli clusters
77.80, 157.00, DFZ, STRONG, 50.00, -, -, -, Strong deformation with strong foliation and preferential alignment oriented at 40-50 TCA
97.00, 98.00, FOL, STRONG, 70.00, -, -, -, Strong foliation oriented at 70 TCA defined by the alignment of flattened tuff beds
98.00, 157.00, FOL, STRONG, 50.00, -, -, -, Strong foliation oriented at 40-50 TCA defined by the alignment and alternation of bands and lapilli clusters

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS
77.20, 78.50, QtzCbt, 15.00, -, -, -, -, -, -, -, -, -, 15% irregular and chaotic, deformed Kpas-qtz-carb veinning??
94.00, 109.50, QtzCbt, 10.00, -, -, -, -, -, -, -, -, -, 10% chaotic, irregular and fracture controlled? qtz-carb-kpsar? veinning, <1cm thick, occuring in clusters over 10-30cm
113.00, 114.00, QtzCbt, 5.00, -, -, -, -, -, -, -, PYR, .50, 5% irregular and chaotic dark red kspar-carb-qtz veinning with 0.5% very fine grained PY mineralization spotted throughout
119.00, 120.00, QtzCbt, 10.00, -, -, -, -, -, -, -, PYR, .50, 10% irregular and chaotic dark red kspar-carb-qtz veinning with 0.5% very fine grained PY mineralization spotted throughout
134.00, 137.00, QtzCbt, 25.00, -, -, -, -, -, -, -, PYR, .50, 25% irregular, chaotic and discontinuous qtz-carb veinning occuring in 10-30cm thick intervals of moderate to strong Kpsar alteration, 0.5% very fine grained dissemianted PY mineralization
143.00, 148.00, QtzCbt, 10.00, -, -, -, -, -, -, -, -, -, 10% irregular, chaotic and discontinuous qtz-carb veinning <1-2cm thick

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114171 | 106.0 | 107.5 | 1.5 | 0.049 | | | | |
| CAOND114172 | 107.5 | 109.0 | 1.5 | 0.027 | | | | |
| CAOND114173 | 109.0 | 110.5 | 1.5 | 0.017 | | | | |
| CAOND114174 | 110.5 | 112.0 | 1.5 | 0.013 | | | | |
| CAOND114176 | 112.0 | 113.5 | 1.5 | 0.006 | | | | |
| CAOND114177 | 113.5 | 115.0 | 1.5 | 0.008 | | | | |
| CAOND114178 | 115.0 | 116.5 | 1.5 | 0.006 | | | | |
| CAOND114179 | 116.5 | 118.0 | 1.5 | 0.005 | | | | |
| CAOND114181 | 118.0 | 119.0 | 1.0 | 0.003 | | | | |
| CAOND114182 | 119.0 | 120.0 | 1.0 | 0.003 | | | | |
| CAOND114183 | 120.0 | 121.5 | 1.5 | 0.005 | | | | |
| CAOND114184 | 121.5 | 122.5 | 1.0 | 0.003 | | | | |
| CAOND114185 | 122.5 | 124.0 | 1.5 | 0.003 | | | | |
| CAOND114186 | 124.0 | 125.5 | 1.5 | 0.003 | | | | |
| CAOND114187 | 125.5 | 127.0 | 1.5 | 0.006 | | | | |
| CAOND114188 | 127.0 | 128.0 | 1.0 | 0.003 | | | | |
| CAOND114189 | 128.0 | 129.5 | 1.5 | 0.003 | | | | |
| CAOND114191 | 129.5 | 131.0 | 1.5 | 0.003 | | | | |
| CAOND114192 | 131.0 | 132.5 | 1.5 | 0.009 | | | | |
| CAOND114193 | 132.5 | 134.0 | 1.5 | 0.003 | | | | |
| CAOND114194 | 134.0 | 135.5 | 1.5 | 0.003 | | | | |
| CAOND114195 | 135.5 | 137.0 | 1.5 | 0.005 | | | | |
| CAOND114196 | 137.0 | 138.5 | 1.5 | 0.003 | | | | |
| CAOND114197 | 138.5 | 140.0 | 1.5 | 0.005 | | | | |
| CAOND114198 | 140.0 | 141.5 | 1.5 | 0.003 | | | | |
| CAOND114199 | 141.5 | 143.0 | 1.5 | 0.003 | | | | |
| CAOND114201 | 143.0 | 144.5 | 1.5 | 0.003 | | | | |
| CAOND114202 | 144.5 | 146.0 | 1.5 | 0.003 | | | | |
| CAOND114203 | 146.0 | 147.5 | 1.5 | 0.003 | | | | |
| CAOND114204 | 147.5 | 149.0 | 1.5 | 0.003 | | | | |
| CAOND114205 | 149.0 | 150.5 | 1.5 | 0.003 | | | | |
| CAOND114206 | 150.5 | 152.0 | 1.5 | 0.003 | | | | |
| CAOND114207 | 152.0 | 153.5 | 1.5 | 0.003 | | | | |

**Hole number:** KLUC18-517

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114208 | 153.5 | 155.0 | 1.5 | 0.003 | | | | |
| CAOND114209 | 155.0 | 156.0 | 1.0 | 0.003 | | | | |
| CAOND114210 | 156.0 | 157.0 | 1.0 | 0.003 | | | | |

**Major:** **From:** 157.00 **To:** 162.60 V8mtl, Trachyte mafic tuff lapilli

Composition: Dark grey with pale grey spots, very fine to fine grained with minor lapilli; V8mtl - Trachyte mafic tuff lapilli. Magnetism: Moderate to strongly magnetic Veinning: 2% mm scale pink and white calcite veinlets. Structure: Strong deformation with foliation at 40-50 TCA. Alteration: Moderate spotted calcite alteration. Mineralization: Rare to trace very fine grained Py mineralization. Lower Contact: Sharp; oriented at 40 TCA.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

157.00, 162.60, CAL+, SPO, MOD, -, -, -, Moderate to strong spotted calcite alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

157.00, 162.60, DFZ, STRONG, 50.00, -, -, -, Strong deformation with strong foliation and preferential alignment oriented at 40-50 TCA

157.00, 162.60, FOL, STRONG, 50.00, -, -, -, Strong foliation oriented at 40-50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114211 | 157.0 | 158.5 | 1.5 | 0.003 | | | | |
| CAOND114212 | 158.5 | 160.0 | 1.5 | 0.003 | | | | |
| CAOND114213 | 160.0 | 161.5 | 1.5 | 0.003 | | | | |
| CAOND114214 | 161.5 | 162.6 | 1.1 | 0.003 | | | | |

**Major:** **From:** 162.60 **To:** 165.40 S3, GRAUWACKE

Composition: Dark grey and very fine grained; S3 - Greywacke Magnetism: Non magnetic. Veinning: 1-2% mm scale white calcite veinlets. Structure: Weak deformation at 40-50 TCA defined by the alignment of calcite spots. Alteration: Moderate to strong spotted calcite alteration. Mineralization: Trace very fine grained Py mineraliation occuring in fractures. Lower Contact: Sharp; oriented at 40 TCA.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

162.60, 165.40, CAL+, SPO, MOD, GRY_00025, -, -, Moderate to strong spotted calcite alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

162.60, 165.40, DFZ, WEAK, 50.00, -, -, -, Weak deformation oriented at 40-50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114216 | 162.6 | 164.0 | 1.4 | 0.003 | 0.250 | 34 | 105 | |
| CAOND114217 | 164.0 | 165.4 | 1.4 | 0.003 | | | | |

**Major:** **From:** 165.40 **To:** 179.20 V8mtl, Trachyte mafic tuff lapilli

Composition: Dark grey with pale grey spots, very fine to fine grained with minor lapilli; V8mtl - Trachyte mafic tuff lapilli. Magnetism: Moderate to strongly magnetic Veinning: 2% mm scale pink and white calcite veinlets. Structure: Strong deformation with foliation at 40-50 TCA. Alteration: Moderate spotted calcite alteration. Mineralization: Rare to trace very fine grained Py mineralization. Lower Contact: Gradational, contact placed where calcite suddenly disappears, and colours and textures change. 166-167m: minor interval with chaotic dark purplish clasts (1-2cm in size)? within a chlorite

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114218 | 165.4 | 166.2 | 0.8 | 0.003 | | | | |
| CAOND114219 | 166.2 | 167.0 | 0.8 | 0.003 | | | | |
| CAOND114221 | 167.0 | 168.5 | 1.5 | 0.003 | | | | |
| CAOND114222 | 168.5 | 170.0 | 1.5 | 0.006 | | | | |
| CAOND114223 | 170.0 | 171.0 | 1.0 | 0.003 | | | | |

**Hole number:** KLUC18-517

dominated matrix

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

165.40, 179.20, CAL+, SPO, MOD, GRY_00025, -, -, Moderate to strong spotted calcite alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

165.40, 169.00, FOL, MOD, 50.00, -, -, -, Moderate to strong foliation at 40-50 TCA

165.40, 179.20, DFZ, STRONG, 50.00, -, -, -, Moderate to stong deformation with moderate foliation at 40-50 and 30-40 TCA

169.00, 179.20, FOL, MOD, 30.00, -, -, -, Moderate to strong foliation at 30-40 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114224 | 171.0 | 172.0 | 1.0 | 0.003 | | | | |
| CAOND114226 | 172.0 | 173.5 | 1.5 | 0.003 | | | | |
| CAOND114227 | 173.5 | 175.0 | 1.5 | 0.003 | | | | |
| CAOND114228 | 175.0 | 176.5 | 1.5 | 0.003 | | | | |
| CAOND114229 | 176.5 | 178.0 | 1.5 | 0.005 | | | | |
| CAOND114231 | 178.0 | 179.2 | 1.2 | 0.003 | | | | |

**Major:** **From:** 179.20 **To:** 207.00 V8tl, Trachytic lapilli tuff

Composition: Dominantly medium to dark bluish grey with patches and spots of dark red and creamy white, strongly deformed; V8tl - Trachytic lapilli tuff. Magnetism: Moderately magnetic. Veinning: 1-2% clusters of chaotic, irregular and deformed qtz-carb-kspar? veinning <1cm thick. Structure: Moderate to strong deformation and moderate to strong foliation oriented at 40 - 50 TCA. Alteration: Moderate spotted dolomite? alteration, patches of moderate Kspar? alteration and local patches of moderate Se alteration. Mineralization: Rare to trace very fine grained disseminated Py mineralization. 2-3% very fine to fine grained disseminated magnetite. Lower Contact: Gradational, contact is placed where colour and textures change and calcite alteration reappears.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

179.20, 207.00, MAG, HDC, 2.00, -, VFG, 2-3% very fine to fine grained disseminated subhedral to euhderal magnetite

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

179.20, 207.00, DOL+, SPO, MOD, GRY_00025, -, -, Moderate to strong patchy and spotted dolomite? alteration

179.20, 207.00, KFS+, PAT, MOD, RED2_BASIC, -, -, Moderate to strong patches of Kspar? alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

179.20, 207.00, DFZ, MOD, 20.00, -, -, -, Moderate to strong deformation with moderate preferential alignment at 20-30 TCA

179.20, 207.00, FOL, MOD, 20.00, -, -, -, Moderate to strong foliation at 20-30 TCA

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

197.00, 200.00, QtzCbt, 5.00, -, -, -, -, -, -, -, -, -, 5% irregular, chaotic, deformed, discontinuous qtz-carb veinning crosscutting deformation, mm scale and 1-2cm thick

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114232 | 179.2 | 180.5 | 1.3 | 0.003 | | | | |
| CAOND114233 | 180.5 | 182.0 | 1.5 | 0.003 | | | | |
| CAOND114234 | 182.0 | 183.5 | 1.5 | 0.003 | | | | |
| CAOND114235 | 183.5 | 185.0 | 1.5 | 0.003 | | | | |
| CAOND114236 | 185.0 | 186.5 | 1.5 | 0.003 | | | | |
| CAOND114237 | 186.5 | 188.0 | 1.5 | 0.005 | | | | |
| CAOND114238 | 188.0 | 189.0 | 1.0 | 0.008 | | | | |
| CAOND114239 | 189.0 | 190.0 | 1.0 | 0.003 | | | | |
| CAOND114240 | 190.0 | 191.5 | 1.5 | 0.003 | | | | |
| CAOND114241 | 191.5 | 193.0 | 1.5 | 0.005 | | | | |
| CAOND114242 | 193.0 | 194.5 | 1.5 | 0.010 | | | | |
| CAOND114243 | 194.5 | 196.0 | 1.5 | 0.003 | | | | |
| CAOND114244 | 196.0 | 197.5 | 1.5 | 0.005 | | | | |
| CAOND114246 | 197.5 | 199.0 | 1.5 | 0.003 | | | | |
| CAOND114247 | 199.0 | 200.5 | 1.5 | 0.007 | | | | |
| CAOND114248 | 200.5 | 202.0 | 1.5 | 0.003 | | | | |
| CAOND114249 | 202.0 | 203.5 | 1.5 | 0.003 | | | | |
| CAOND114251 | 203.5 | 205.0 | 1.5 | 0.003 | | | | |
| CAOND114252 | 205.0 | 206.0 | 1.0 | 0.013 | | | | |
| CAOND114253 | 206.0 | 207.0 | 1.0 | 0.003 | | | | |

**Hole number:** KLUC18-517

205.00, 206.00, QtzCbt, 5.00, -, -, -, -, -, -, -, -, -, 5% cluster of mm to cm scale chaotic qtz-carb-kspar veinning over 20cm thick interval

**Major:** **From:** 207.00 **To:** 271.70 V8mtl, Trachyte mafic tuff lapilli

Composition: Dominantly dark grey to dark green with minor pale grey, pinkish and purplish grey and milky white spots and patches, strongly deformed; V8mtl - Trachyte mafic tuff lapilli. Magnetism: Moderate to strongly magnetic. Veinning: 1% chaotic, deformed and discontinuous qtz-carb veinning occuring in a cluster over 80cm. Structure: Strong deformation with strong foliation at 40-50 TCA. 226-250m the deformation includes chaotic mm scale folding and crenulation in foliation planes. 240-241m there is 2-3 strong deformation events preserved with SC fabric? Alteration: Moderate to strong spotted calcite alteration gradually changing to dolomite between 226-250m. Mineralization: Rare to trace very fine grained Py mineralization. Lower Contact: Gradational, contact is placed with lapilli clasts suddenly diminish and pink spots are no longer visible

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

207.00, 226.00, CAL+, SPO, MOD, GRY_00025, -, -, Moderate to strong spotted and patchy calcite alteration

226.00, 250.00, DOL+, SPO, MOD, GRY_00025, -, -, Moderate to strong spotted and patchy dolomite alteration

250.00, 271.70, CAL+, SPO, MOD, GRY_00025, -, -, Moderate to strong spotted and patchy calcite alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

207.00, 250.00, DFZ, MOD, 50.00, -, -, -, Moderate to strong deforation locally preferentially aligned at 40-50 TCA gradually becoming chaotic with mm scale folding and crenulations within foliation planes

207.00, 250.00, FOL, STRONG, 50.00, -, -, -, Strong primary foliation oriented at 40-50 TCA

210.00, 211.00, FLD, WEAK, -, -, -, -, Weak mm scale folds within foliation planes

226.00, 250.00, CRN, WEAK, -, -, -, -, Weak to moderate mm scale crenulations within foliation planes

226.00, 250.00, FLD, MOD, -, -, -, -, Weak to moderate mm scale chaotic folding within foliation planes and tight folding over 10-20 cm

240.00, 241.00, S3, MOD, -, -, -, -, Moderate 2-3 deformation events preserved SC fabric??

250.00, 271.70, DFZ, STRONG, 50.00, -, -, -, Moderate to strong deformation with preferential alignment at 40-50 TCA

250.00, 271.70, FOL, STRONG, 50.00, -, -, -, Moderate to strong foliation at 40-50 TCA defined by the alignment of flattened lapilli clasts and tuff beds

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

218.00, 219.00, QtzCbt, 20.00, -, -, -, -, GRY_00025, -, -, -, -, 20% chaotic, irregular, deformed, folded and discontinuous milky white qtz-carb with minor hem veinning occuring in a clusters over 1m

249.70, 250.20, QtzCbt, 15.00, -, -, -, -, PNK2_BASIC, -, -, -, -, 10cm thick cluster of qtz-carb-hem

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114254 | 207.0 | 208.0 | 1.0 | 0.003 | | | | |
| CAOND114255 | 208.0 | 209.0 | 1.0 | 0.007 | | | | |
| CAOND114256 | 209.0 | 210.5 | 1.5 | 0.007 | | | | |
| CAOND114257 | 210.5 | 212.0 | 1.5 | 0.003 | | | | |
| CAOND114258 | 212.0 | 213.5 | 1.5 | 0.003 | | | | |
| CAOND114259 | 213.5 | 215.0 | 1.5 | 0.003 | | | | |
| CAOND114261 | 215.0 | 216.5 | 1.5 | 0.003 | | | | |
| CAOND114262 | 216.5 | 218.0 | 1.5 | 0.003 | | | | |
| CAOND114263 | 218.0 | 219.1 | 1.1 | 0.003 | | | | |
| CAOND114264 | 219.1 | 220.5 | 1.4 | 0.003 | | | | |
| CAOND114265 | 220.5 | 222.0 | 1.5 | 0.003 | | | | |
| CAOND114266 | 222.0 | 223.5 | 1.5 | 0.003 | | | | |
| CAOND114267 | 223.5 | 225.0 | 1.5 | 0.003 | | | | |
| CAOND114268 | 225.0 | 226.5 | 1.5 | 0.003 | | | | |
| CAOND114269 | 226.5 | 228.0 | 1.5 | 0.005 | | | | |
| CAOND114271 | 228.0 | 229.5 | 1.5 | 0.003 | | | | |
| CAOND114272 | 229.5 | 231.0 | 1.5 | 0.010 | | | | |
| CAOND114273 | 231.0 | 232.5 | 1.5 | 0.003 | | | | |
| CAOND114274 | 232.5 | 234.0 | 1.5 | 0.003 | | | | |
| CAOND114276 | 234.0 | 235.5 | 1.5 | 0.008 | | | | |
| CAOND114277 | 235.5 | 237.0 | 1.5 | 0.010 | | | | |
| CAOND114278 | 237.0 | 238.5 | 1.5 | 0.006 | | | | |
| CAOND114279 | 238.5 | 240.0 | 1.5 | 0.007 | | | | |
| CAOND114281 | 240.0 | 241.5 | 1.5 | 0.003 | | | | |
| CAOND114282 | 241.5 | 243.0 | 1.5 | 0.006 | | | | |
| CAOND114283 | 243.0 | 244.5 | 1.5 | 0.009 | | | | |
| CAOND114284 | 244.5 | 246.0 | 1.5 | 0.003 | | | | |
| CAOND114285 | 246.0 | 247.5 | 1.5 | 0.003 | | | | |
| CAOND114286 | 247.5 | 248.7 | 1.2 | 0.025 | | | | |
| CAOND114287 | 248.7 | 249.7 | 1.0 | 0.008 | | | | |

**Hole number:** KLUC18-517

veinning parallel to foliation
267.80, 268.30, QtzCbt, 90.00, -, -, -, -, -, -, -, -, -, 90% chaotic, brittlely deformed into host qtz-carb-hem? veinning
268.80, 269.30, QtzCbt, 20.00, -, -, -, -, -, -, -, -, -, 20% chaotic and irregular fracture filled qtz-carb-hem? veinning. Brittely deforming host rock

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114288 | 249.7 | 250.2 | 0.5 | 0.006 | | | | |
| CAOND114289 | 250.2 | 251.5 | 1.3 | 0.003 | | | | |
| CAOND114291 | 251.5 | 253.0 | 1.5 | 0.003 | | | | |
| CAOND114292 | 253.0 | 254.5 | 1.5 | 0.003 | | | | |
| CAOND114293 | 254.5 | 256.0 | 1.5 | 0.003 | 0.250 | 112 | 110 | |
| CAOND114294 | 256.0 | 257.5 | 1.5 | 0.005 | | | | |
| CAOND114295 | 257.5 | 259.0 | 1.5 | 0.003 | | | | |
| CAOND114296 | 259.0 | 260.5 | 1.5 | 0.018 | | | | |
| CAOND114297 | 260.5 | 262.0 | 1.5 | 0.007 | | | | |
| CAOND114298 | 262.0 | 263.5 | 1.5 | 0.005 | | | | |
| CAOND114299 | 263.5 | 265.0 | 1.5 | 0.007 | | | | |
| CAOND114301 | 265.0 | 266.5 | 1.5 | 0.003 | | | | |
| CAOND114302 | 266.5 | 267.8 | 1.3 | 0.005 | | | | |
| CAOND114303 | 267.8 | 269.3 | 1.5 | 0.014 | | | | |
| CAOND114304 | 269.3 | 270.5 | 1.2 | 0.010 | | | | |
| CAOND114305 | 270.5 | 271.7 | 1.2 | 0.013 | | | | |

**Major:** **From:** 271.70 **To:** 281.10 V8mt, Trachyte mafic tuff

Composition: Dark green with white mm scale spots and stringers, very fine to fine grained; V8mt - Trachyte mafic tuff or possible a deformed V8? Magnetism: Moderate to strongly magnetic. Veinning: No significant veinning, 25-30% mm scale carbonate veinlets. Structure: Strong deformation with prefential alignment at 40-50 TCA Alteration: Weak spotted and stringers of calcite alteration and 10cm thick fault with mud and gouge. Mineralization: None observed Lower Contact: Gradational, contact is placed where pink and milky white lapilli clasts are reintroduced

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

271.70, 281.10, CAL+, SPO, WEAK, GRY_00025, -, -, Weak spotted and stringers of white calcite alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

271.70, 281.10, DFZ, STRONG, 50.00, -, -, -, Moderate to strong deformation with preferential alignment at 40-50 TCA
271.70, 281.10, FOL, STRONG, 50.00, -, -, -, Moderate to strong foliation at 40-50 TCA defined by the alignment of flattened lapilli clasts and tuff beds
271.90, 272.00, FAL, -, 50.00, -, -, -, 10cm thick fault with fault mud and gouge
271.90, 272.00, FGO, -, 50.00, -, -, -, 10cm thick fault with fault mud and gouge

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114306 | 271.7 | 273.0 | 1.3 | 0.003 | | | | |
| CAOND114307 | 273.0 | 274.5 | 1.5 | 0.013 | | | | |
| CAOND114308 | 274.5 | 276.0 | 1.5 | 0.006 | | | | |
| CAOND114309 | 276.0 | 277.5 | 1.5 | 0.007 | | | | |
| CAOND114310 | 277.5 | 279.0 | 1.5 | 0.008 | | | | |
| CAOND114311 | 279.0 | 280.0 | 1.0 | 0.007 | | | | |
| CAOND114312 | 280.0 | 281.1 | 1.1 | 0.010 | | | | |

**Hole number:** KLUC18-517

**Major:** **From:** 281.10 **To:** 384.50 V8mtl, Trachyte mafic tuff lapilli

Composition: Dominantly medium to dark grey with minor pale grey, pinkish and purplish grey and milky white spots, patches and stringers, strongly deformed; V8mtl - Trachyte mafic tuff lapilli. Minor intervals with little to no lapilli clasts; dark purplish grey, medium purplish grey with minor pinkish white, fine grained and deformed (V8mt - Trachyte mafic tuff). Magnetism: Moderate to strongly magnetic. Veinning: 5% chaotic, deformed and discontinuous qtz-carb-hem or kspar? veinning occuring in clusters and brittely deforming host rock. Structure: Strong deformation with strong foliation at 40-50 TCA. Alteration: Weak to moderate spotted and stringers of calcite alteration alternating with intervals of moderate spotted and patches dolomite alteration. Moderate to strong patchy chlorite alteration in the tuff intervals. Mineralization: Trace fine grained disseminated Py mineralization occuring in clusters with local trace Cp mineralization occuring in veins. Lower Contact: Sharp; oriented at 60 TCA. 343.5-360m : chaotic melange of colours and textures. Intervals of dark green and dark purple more massive possibly Mafic syenite? strongly sheared syenite?, massive fine grained syenite, tachyte tuff? and trachyte tuff lapilli with no clear contacts between.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

285.00, 291.00, PYR, DIS, .50, -, VFG, 0.5% fine grained disseminated Py mineralization

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

281.10, 291.00, CAL+, SPO, WEAK, GRY_00025, -, -, Weak to moderate calcite alteration
291.00, 331.00, DOL+, SPO, MOD, GRY_00025, -, -, Moderate dolomite alteration?
331.00, 360.00, CAL+, SPO, MOD, GRY_00025, -, -, Weak to moderate spotted and patchy calcite alteration
360.00, 384.50, CAL+, SPO, MOD, GRY_00025, -, -, Moderate to strong spotted and patchy calcite alteration
360.00, 384.50, CHL+, STG, MOD, -, -, -, Moderate to strong stringers of chlorite alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

281.10, 343.50, DFZ, STRONG, 50.00, -, -, -, Moderate to strong deformation with preferential alignment at 40-50 TCA
281.10, 343.50, FOL, STRONG, 50.00, -, -, -, Moderate to strong foliation at 40-50 TCA
325.00, 326.00, CRN, WEAK, -, -, -, -, Weak to moderate mm scale crenulated foliation planes
325.00, 326.00, FLD, WEAK, -, -, -, -, Weak to moderate tight chaotic folding of tuff beds
343.50, 360.00, DFZ, STRONG, -, -, -, -, Moderate to strong chaotic deformation with intervals of shearing and parallel alignment at 50-60 TCA
360.00, 384.50, DFZ, STRONG, 50.00, -, -, -, Moderate to strong deformation with preferential alignment at 40-50 TCA
360.00, 384.50, FOL, STRONG, 50.00, -, -, -, Moderate to strong foliation oriented at 40-50 TCA
380.00, 382.00, FRA, MOD, -, -, -, -, Weak to moderate fracturing into 1-5cm thick angular pieces

**VEIN**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114313 | 281.1 | 282.0 | 0.9 | 0.009 | | | | |
| CAOND114314 | 282.0 | 283.5 | 1.5 | 0.092 | | | | |
| CAOND114316 | 283.5 | 285.0 | 1.5 | 0.015 | | | | |
| CAOND114317 | 285.0 | 286.0 | 1.0 | 0.006 | | | | |
| CAOND114318 | 286.0 | 287.0 | 1.0 | 0.008 | | | | |
| CAOND114319 | 287.0 | 288.2 | 1.2 | 0.058 | | | | |
| CAOND114321 | 288.2 | 289.5 | 1.3 | 0.010 | | | | |
| CAOND114322 | 289.5 | 291.0 | 1.5 | 0.096 | | | | |
| CAOND114323 | 291.0 | 292.5 | 1.5 | 0.005 | | | | |
| CAOND114324 | 292.5 | 294.0 | 1.5 | 0.003 | | | | |
| CAOND114326 | 294.0 | 295.5 | 1.5 | 0.008 | | | | |
| CAOND114327 | 295.5 | 296.7 | 1.2 | 0.003 | | | | |
| CAOND114328 | 296.7 | 298.0 | 1.3 | 0.003 | | | | |
| CAOND114329 | 298.0 | 299.0 | 1.0 | 0.005 | | | | |
| CAOND114331 | 299.0 | 300.5 | 1.5 | 0.003 | | | | |
| CAOND114332 | 300.5 | 302.0 | 1.5 | 0.003 | | | | |
| CAOND114333 | 302.0 | 303.1 | 1.1 | 0.003 | | | | |
| CAOND114334 | 303.1 | 304.1 | 1.0 | 0.003 | | | | |
| CAOND114335 | 304.1 | 305.0 | 0.9 | 0.005 | | | | |
| CAOND114336 | 305.0 | 306.5 | 1.5 | 0.003 | | | | |
| CAOND114337 | 306.5 | 308.0 | 1.5 | 0.003 | | | | |
| CAOND114338 | 308.0 | 309.0 | 1.0 | 0.003 | | | | |
| CAOND114339 | 309.0 | 310.0 | 1.0 | 0.005 | | | | |
| CAOND114340 | 310.0 | 311.5 | 1.5 | 0.003 | | | | |
| CAOND114341 | 311.5 | 313.0 | 1.5 | 0.003 | | | | |
| CAOND114342 | 313.0 | 314.5 | 1.5 | 0.005 | | | | |
| CAOND114343 | 314.5 | 316.0 | 1.5 | 0.003 | | | | |
| CAOND114344 | 316.0 | 317.5 | 1.5 | 0.006 | | | | |
| CAOND114346 | 317.5 | 319.0 | 1.5 | 0.005 | | | | |
| CAOND114347 | 319.0 | 320.5 | 1.5 | 0.008 | | | | |
| CAOND114348 | 320.5 | 321.5 | 1.0 | 0.005 | | | | |
| CAOND114349 | 321.5 | 323.0 | 1.5 | 0.006 | | | | |
| CAOND114351 | 323.0 | 324.5 | 1.5 | 0.003 | | | | |

**Hole number:** KLUC18-517

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS

281.10, 282.00, QtzCbtChl, 5.00, -, -, -, -, -, -, -, -, -, 5% chaotic and discontinuous qtz-carb-chl veinning <1cm thick
285.00, 288.20, QtzCbtChl, 20.00, -, -, -, -, -, -, -, PYR, .50, 20% clusters of chaotic and discontinuous qtz-carb-hem? veinning with 0.5% fine grained disseminated Py mineralization
291.30, 292.40, QtzCbt, 5.00, -, -, -, -, -, -, -, -, -, 5% chaotic qtz-carb-hem? veinning brittely intruding host rock
296.70, 297.20, QtzCbt, 5.00, -, -, -, -, -, -, -, -, -, 5% chaotic qtz-carb-hem? veinning brittely intruding host rock
300.50, 303.10, QtzCbt, 20.00, -, -, -, -, -, -, -, -, -, 20-25% chaotic, irregular and deformed qtz-carb-kspar? veinning occuring in clusters and brittlely deforming host rock. Trace Py and Cp mineralization in veinning
304.40, 304.90, QtzCbt, 5.00, -, -, -, -, -, -, -, -, -, 5% tightly and chaotically folded qtz-carb veinning <1cm thick
309.00, 312.20, QtzCbt, 10.00, -, -, -, -, -, -, -, -, -, 10% irregular, chaotic, deformed and discontinuous qtz-carb-kspar? veinning. Brittely deforming host rock
325.70, 326.30, QtzCbt, 5.00, -, -, -, -, -, -, -, PYR, .50, 5% 1x 8cm thick and <1cm thick irregular qtz-carb-hem? veinning crosscutting deformation. 0.5% very fine grained disseminated at contacts of veins
327.60, 328.10, QtzCbt, 30.00, -, -, -, -, -, -, -, PYR, .50, 30% irregular and chaotic qtz-carb-hem? veinnig <1cm thick, brittely deforming host rock and occuring in a chaotic cluster. 0.5% very fine grained Py mineralization disseminated in margins
329.40, 329.50, QtzCbt, 5.00, -, -, -, -, -, -, -, -, -, 5cm thick qtz-carb vein crosscutting deformation
333.60, 334.30, QtzCbt, 60.00, -, -, -, -, -, -, -, -, -, 60% chaotic, deformed qtz-carb-hem veinning
343.80, 345.60, QtzCbt, 25.00, -, -, -, -, -, -, -, -, -, 25% chaotic, irregular, deformed and folded qtz-carb-hem? or kspar veinning
352.00, 357.20, QtzCbt, 25.00, -, -, -, -, -, -, -, -, -, 25% chaotic, irregular, deformed and folded qtz-carb-hem? or kspar veinning

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114352 | 324.5 | 326.0 | 1.5 | 0.003 | | | | |
| CAOND114353 | 326.0 | 327.5 | 1.5 | 0.003 | | | | |
| CAOND114354 | 327.5 | 329.0 | 1.5 | 0.008 | | | | |
| CAOND114355 | 329.0 | 330.5 | 1.5 | 0.003 | | | | |
| CAOND114356 | 330.5 | 332.0 | 1.5 | 0.006 | | | | |
| CAOND114357 | 332.0 | 333.5 | 1.5 | 0.005 | | | | |
| CAOND114358 | 333.5 | 335.0 | 1.5 | 0.003 | | | | |
| CAOND114359 | 335.0 | 336.5 | 1.5 | 0.013 | | | | |
| CAOND114361 | 336.5 | 338.0 | 1.5 | 0.012 | | | | |
| CAOND114362 | 338.0 | 339.5 | 1.5 | 0.005 | | | | |
| CAOND114363 | 339.5 | 341.0 | 1.5 | 0.005 | | | | |
| CAOND114364 | 341.0 | 342.5 | 1.5 | 0.012 | | | | |
| CAOND114365 | 342.5 | 343.8 | 1.3 | 0.013 | | | | |
| CAOND114366 | 343.8 | 344.7 | 0.9 | 0.006 | | | | |
| CAOND114367 | 344.7 | 346.0 | 1.3 | 0.007 | | | | |
| CAOND114368 | 346.0 | 347.5 | 1.5 | 0.003 | | | | |
| CAOND114369 | 347.5 | 349.0 | 1.5 | 0.006 | | | | |
| CAOND114371 | 349.0 | 350.5 | 1.5 | 0.003 | | | | |
| CAOND114372 | 350.5 | 352.0 | 1.5 | 0.009 | | | | |
| CAOND114373 | 352.0 | 353.5 | 1.5 | 0.038 | | | | |
| CAOND114374 | 353.5 | 355.0 | 1.5 | 0.009 | | | | |
| CAOND114376 | 355.0 | 356.5 | 1.5 | 0.007 | | | | |
| CAOND114377 | 356.5 | 358.0 | 1.5 | 0.019 | | | | |
| CAOND114378 | 358.0 | 359.0 | 1.0 | 0.028 | | | | |
| CAOND114379 | 359.0 | 360.0 | 1.0 | 0.013 | | | | |
| CAOND114381 | 360.0 | 361.5 | 1.5 | 0.003 | | | | |
| CAOND114382 | 361.5 | 363.0 | 1.5 | 0.005 | | | | |
| CAOND114383 | 363.0 | 364.5 | 1.5 | 0.018 | | | | |
| CAOND114384 | 364.5 | 366.0 | 1.5 | 0.014 | | | | |
| CAOND114385 | 366.0 | 367.5 | 1.5 | 0.007 | | | | |
| CAOND114386 | 367.5 | 369.0 | 1.5 | 0.005 | | | | |
| CAOND114387 | 369.0 | 370.5 | 1.5 | 0.005 | | | | |
| CAOND114388 | 370.5 | 372.0 | 1.5 | 0.006 | | | | |

**Hole number:** KLUC18-517

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114389 | 372.0 | 373.5 | 1.5 | 0.009 | | | | |
| CAOND114391 | 373.5 | 375.0 | 1.5 | 0.009 | | | | |
| CAOND114392 | 375.0 | 376.5 | 1.5 | 0.010 | | | | |
| CAOND114393 | 376.5 | 378.0 | 1.5 | 0.014 | | | | |
| CAOND114394 | 378.0 | 379.5 | 1.5 | 0.005 | | | | |
| CAOND114395 | 379.5 | 381.0 | 1.5 | 0.012 | | | | |
| CAOND114396 | 381.0 | 382.5 | 1.5 | 0.014 | | | | |
| CAOND114397 | 382.5 | 383.5 | 1.0 | 0.007 | | | | |
| CAOND114398 | 383.5 | 384.5 | 1.0 | 0.040 | | | | |

**Major:** **From:** 384.50 **To:** 386.70 I2D, Syénite

Composition: Medium to dark purplish pink and dark green, chaotic and brecciated, fine grained; I2D - Syenite. Magnetism: None to weakly magnetic. Veinning: 1-2% irregular and deformed qtz-cal veinning, dominantly parallel to deformation. Structure: Strongly chaotically deformed and brecciated. Alteration: Moderate to strong spotted and patchy calcite alteration and moderate to strong stringers and patches of chlorite alteration. Mineralization: 3-5% fine grained disseminated Py mineralization. Lower Contact: Sharp contact oriented at 40 TCA.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

384.50, 386.70, PYR, DIS, 3.00, -, FGR, 3-5% fine grained disseminted Py mineralization

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

384.50, 386.70, CAL+, SPO, MOD, -, -, -, Moderate to strong spotted and patchy calcite alteration

384.50, 386.70, CHL+, STG, MOD, -, -, -, Moderate to strong stringers of chlorite alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

384.50, 386.70, BRC, WEAK, -, -, -, -, Weak to moderate brecciation

384.50, 386.70, DFZ, MOD, -, -, -, -, Moderate chaotic, brittle deformation

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

384.50, 386.70, QtzCal, 5.00, -, -, -, -, -, -, -, PYR, 3.00, 5% chaotic and irregular qtz-cal veinning dominantly parallel to deformation and <1 -2cm thick. 3-5% Py mineralization disseminated in margins

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114399 | 384.5 | 385.5 | 1.0 | 1.255 | | | | |
| CAOND114401 | 385.5 | 386.7 | 1.2 | 1.525 | | | | |

**Major:** **From:** 386.70 **To:** 404.60 V8mtl, Trachyte mafic tuff lapilli

Composition: Dominantly dark green with pale pink and white spots and patches, strongly deformed

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114402 | 386.7 | 388.0 | 1.3 | 0.067 | | | | |

**Hole number:** KLUC18-517

and dominantly fine grained with minor lapilli clasts; V8mtl - Trachyte mafic tuff lapilli. Magnetism: Moderate to strongly magnetic. Veinning: 1-2% chaotic and boudinaged qtz-cal veinning. Structure: Strong deformation and prefential alignment at 40-50 TCA. Minor intervals with crenulations, crenulation cleavage and mm scale chaotic folding of foliation planes. Alteration: Moderate to strong spotted calcite alteration and moderate to strong stringers of chlorite alteration. Mineralization: Trace very fine grained disseminated Py mineralization. Lower Contact: Sharp; oriented at 50 TCA. Minor units: 403.3-403.5=Deformed conglomerate

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

386.70, 404.60, CAL+, SPO, MOD, -, -, -, Moderate to strong spotted and patchy calcite alteration

386.70, 404.60, CHL+, STG, MOD, -, -, -, Moderate to strong stringers of chlorite alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

386.70, 404.60, DFZ, STRONG, 50.00, -, -, -, Strong deformation with preferential alignment at 40-50 TCA. Dominantly chaotic

386.70, 404.60, FOL, MOD, 50.00, -, -, -, Moderate foliation at 40-50 TCA

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

388.50, 388.70, QTZ_2, 25.00, -, -, -, -, -, -, -, -, -, 2x 2cm thick deformed qtz-cal veins

399.50, 401.00, QTZ_2, 20.00, -, -, -, -, -, -, -, -, -, 20% chaotic and boudinage white to pale pinkish grey qtz-cal veinning parallel to deformation

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114403 | 388.0 | 389.0 | 1.0 | 0.134 | | | | |
| CAOND114404 | 389.0 | 390.5 | 1.5 | 0.008 | | | | |
| CAOND114405 | 390.5 | 392.0 | 1.5 | 0.101 | | | | |
| CAOND114406 | 392.0 | 393.5 | 1.5 | 0.003 | | | | |
| CAOND114407 | 393.5 | 395.0 | 1.5 | 0.041 | | | | |
| CAOND114408 | 395.0 | 396.5 | 1.5 | 0.003 | | | | |
| CAOND114409 | 396.5 | 398.0 | 1.5 | 0.003 | | | | |
| CAOND114410 | 398.0 | 399.5 | 1.5 | 0.003 | | | | |
| CAOND114411 | 399.5 | 401.0 | 1.5 | 0.008 | | | | |
| CAOND114412 | 401.0 | 402.5 | 1.5 | 0.003 | | | | |
| CAOND114413 | 402.5 | 403.6 | 1.1 | 0.003 | | | | |
| CAOND114414 | 403.6 | 404.6 | 1.0 | 0.303 | | | | |

**Major:** **From:** 404.60 **To:** 406.50 I2D, Syénite

Composition: Medium orange and medium orangish grey, fine grained, altered and deformed; I2D - Syenite. Magnetism: Non magnetic. Veinning: 2-3% chaotic qtz-carb veinning. Structure: Moderate to strongly deformed with weak preferential alignment at 40 TCA. Alteration: Moderate dolomite alteration? Mineralization: 1-2% very fine grained disseminated Py mineralization. Lower Contact: Sharp; oriented at 50 TCA.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

404.60, 406.50, PYR, DIS, 1.00, -, -, 1-2% very fine grained disseminated Py mineralization

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

404.60, 405.60, QtzCbt, 10.00, -, -, -, -, -, -, -, -, -, 10% irregular, chaotic and discontinous, dominantly <1cm thick qtz-carb-kspar? veinning cross cutting deformation

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114416 | 404.6 | 405.5 | 0.9 | 0.155 | | | | |
| CAOND114417 | 405.5 | 406.5 | 1.0 | 0.166 | | | | |

## Hole number: KLUC18-517

**Major:** **From:** 406.50 **To:** 408.10 CTZ, Contact Zone

Contact zone between deformed syenite and deformed conglomerate. THis interval appears to be a melange of greywacke, brecciated-deformed-altered syenite and conglomerate. All are moderately to strongly altered and deformed and contacts are unclear. Upper and lower contacts of this 'contact zone' interval are relatively sharp and oriented at 40 and 50 TCA.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114418 | 406.5 | 407.3 | 0.8 | 0.118 | | | | |
| CAOND114419 | 407.3 | 408.1 | 0.8 | 0.212 | | | | |

**Major:** **From:** 408.10 **To:** 410.20 S1, CONGLOMÉRAT

Composition: Alternating mixture of various shades of grey, bluish grey, pinks, and browns, fine grained matrix with 40-50 % polymitic pebbles ranging in size but dominantly flattened and elongated; S1 - Conglomerate Magnetism: Non magnetic. Veinning: 1% qtz, qtz-carb-kspar and qtz-carb veinning dominately less than 1cm thick andcorsscutting deformation. Structure: Strong deformation defined by the alignment of flattened and elongated pebbles. Alteration: Moderate stringers of chlorite alteration and weak stringers of sericite. Mineralization: Trace very fine grained dissemianted Py mineralization. Lower Contact: Sharp oriented at 50 TCA. Contact is placed where Se alteration becomes strong and pervasive but contact may in fact be intruded by a qtz vein.

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

408.10, 410.20, DFZ, STRONG, 40.00, -, -, -, Strong deformation at 40-50 TCA defined by alignment of flattened pebbles

408.10, 410.20, FOL, STRONG, 40.00, -, -, -, Strong foliation at 40-50 TCA defined by alignment of flattened pebbles

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114421 | 408.1 | 409.2 | 1.1 | 0.141 | 0.250 | 54 | 114 | |
| CAOND114422 | 409.2 | 410.2 | 1.0 | 1.425 | | | | |

**Major:** **From:** 410.20 **To:** 411.90 M1s, Sericite Schist

Composition: Medium greenish brown and medium bluish grey, fine grained; M1s - Sericite schist. Magnetism: Non magnetic. Veinning: 1x 10cm thick pale grey qtz-carb vein, 1x 3cm thick medium to dark smoky qtz vein with recrystallized qtz clusters throughout. Structure: Strong shearing and complete loss of primary textures. Alteration: Strong pervasive brown sericite alteration. Mineralization: 5-10% very fine grained disseminated Py mineralization throughout. Lower Contact: Sharp; oriented at 40 TCA. Contact is placed where sericite alteration suddenly ends.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

410.20, 411.90, PYR, DIS, 5.00, -, VFG, 5-10% very fine grained disseminated Py mineralization

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

410.20, 411.90, SER+, PEN, STRONG, BRW2_BASIC, -, -, Strong to intense pervasive brown sericite alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

410.20, 411.90, SHR, STRONG, 40.00, -, -, -, Strong shearing and complete loss of primary textures

**VEIN**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114423 | 410.2 | 410.7 | 0.5 | 220.000 | | | | |
| CAOND114424 | 410.7 | 411.2 | 0.5 | 9.540 | | | | |
| CAOND114426 | 411.2 | 411.9 | 0.7 | 2.420 | | | | |

**Hole number:** KLUC18-517

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS
410.20, 410.60, QTZ, 80.00, -, -, -, -, -, -, -, PYR, 5.00, 10cm thick pale grey qtz vein with 10% discontinuous chunks of vein in upper margins. 5-10% v.f.gr. diss. Py mineralization in margins
410.90, 411.10, QtzBlk, 25.00, -, -, -, -, -, -, -, PYR, 5.00, 3cm thick medium to dark bluish grey qtz vein with 5-10% very fine grained Py mineralization dissemianted within the vein and in margins
411.70, 411.80, QTZ, 5.00, -, -, -, -, -, -, -, -, -, chaotic blob of white qtz vein

**Major:** **From:** 411.90 **To:** 419.10 S1, CONGLOMÉRAT

Composition: Alternating mixture of various shades of grey, bluish grey, pinks, and browns, fine grained matrix with 80-90% polymitic pebbles ranging in size but dominantly flattened and elongated; S1 - Conglomerate Magnetism: Non magnetic. Veinning: 1% qtz, qtz-carb-kspar and qtz-carb veinning dominately less than 1cm thick and corsscutting deformation. Structure: Strong deformation defined by the alignment of flattened and elongated pebbles. Alteration: Moderate stringers of chlorite, strong patchy sericite and moderate spotted dolomite? alteration Mineralization: 3-5% very fine grained dissemianted Py mineralization throughout, locally occuring in clusters. Lower Contact: Sharp oriented at 50 TCA.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
411.90, 419.10, CHL+, STG, MOD, -, -, -, Moderate to strong strigners of Chl alteration
411.90, 419.10, DOL+, SPO, MOD, -, -, -, Moderate dolomite alteration?
411.90, 419.10, SER+, PAT, STRONG, -, -, -, Strong patchy sericite alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114428 | 411.9 | 413.0 | 1.1 | 0.243 | | | | |
| CAOND114429 | 413.0 | 414.5 | 1.5 | 0.091 | | | | |
| CAOND114431 | 414.5 | 415.3 | 0.8 | 0.064 | | | | |
| CAOND114432 | 415.3 | 416.5 | 1.2 | 0.041 | | | | |
| CAOND114433 | 416.5 | 418.0 | 1.5 | 0.117 | | | | |
| CAOND114434 | 418.0 | 419.1 | 1.1 | 0.079 | | | | |

**Major:** **From:** 419.10 **To:** 420.40 I2D, Syénite

Composition: Medium to dark purplish pink and dark green, chaotic and brecciated, fine grained; I2D - Syenite. Magnetism: None to weakly magnetic. Veinning: No significant veinning Structure: Moderately brittely deformed Alteration: Weak chl and carb alteration. Mineralization: 1-2% very fine grained disseminated Py mineralization. Lower Contact: Sharp contact oriented at 50 TCA.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114435 | 419.1 | 420.4 | 1.3 | 0.041 | 0.500 | 28 | 75 | |

**Major:** **From:** 420.40 **To:** 422.30 S1, CONGLOMÉRAT

Composition: Alternating mixture of various shades of grey, bluish grey, pinks, and browns, fine grained matrix with 80-90% polymitic pebbles ranging in size but dominantly flattened and elongated; S1 - Conglomerate Magnetism: Non magnetic. Veinning: Less than 1% qtz, qtz-carb-kspar and qtz-carb veinning dominately less than 1cm thick and corsscutting deformation. Structure: Strong deformation defined by the alignment of flattened and elongated pebbles. Alteration: Moderate stringers of chlorite alteration. Mineralization: 3-5% very fine grained dissemianted Py mineralization thorughout, locally occuring in clusters. Lower Contact: Sharp oriented at 50 TCA.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
420.40, 422.30, PYR, DIS, 3.00, -, VFG, 3-5% very fine grained disseminated Py mineralization locally clustered

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114436 | 420.4 | 421.2 | 0.8 | 0.056 | | | | |
| CAOND114437 | 421.2 | 422.3 | 1.1 | 0.037 | | | | |

**STRUCTURE**

**Hole number:** KLUC18-517

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
420.40, 422.30, DFZ, STRONG, 40.00, -, -, -, Strong deformation at 40-50 TCA defined by alignment of flattened pebbles
420.40, 422.30, FOL, STRONG, 40.00, -, -, -, Strong foliation at 40-50 TCA defined by alignment of flattened pebbles

**Major:** **From:** 422.30 **To:** 423.30 V8mt, Trachyte mafic tuff

Composition: Dark purplish grey with white and pale pink spots, fine grained and deformed; V8mt - Trachyte mafic tuff. Magnetism: Moderately magnetic. Veinning: None. Structure: Strong deformation at 40-50 TCA. Alteration: moderate to strong spotted calcite alteration. Mineralization: None. Lower Contact: Sharp; oriented at 40 TCA.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
422.30, 423.30, CAL+, SPO, MOD, -, -, -, Moderate to strong spotted calcite alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
422.30, 423.30, DFZ, STRONG, 40.00, -, -, -, Strong deformation at 40-50 TCA defined by alignment of flattened pebbles
422.30, 423.30, FOL, STRONG, 40.00, -, -, -, Strong foliation at 40-50 TCA defined by alignment of flattened pebbles

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114438 | 422.3 | 423.3 | 1.0 | 0.041 | 0.250 | 60 | 279 | |

**Major:** **From:** 423.30 **To:** 425.00 S1, CONGLOMÉRAT

Composition: Alternating mixture of various shades of grey, bluish grey, pinks, and browns, fine grained matrix with 80-90% polymitic pebbles ranging in size but dominantly flattened and elongated; S1 - Conglomerate Magnetism: Non magnetic. Veinning: Less than 1% qtz, qtz-carb-kspar and qtz-carb veinning dominately less than 1cm thick and corsscutting deformation. Structure: Strong deformation defined by the alignment of flattened and elongated pebbles. Alteration: Moderate stringers of chlorite alteration. Mineralization: 1-2% very fine grained dissemianted Py mineralization thorughout, locally occuring in clusters. Lower Contact: Sharp oriented at 50 TCA.

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
423.30, 425.00, DFZ, STRONG, 40.00, -, -, -, Strong deformation at 40-50 TCA defined by alignment of flattened pebbles
423.30, 425.00, FOL, STRONG, 40.00, -, -, -, Strong foliation at 40-50 TCA defined by alignment of flattened pebbles

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114439 | 423.3 | 424.1 | 0.8 | 0.062 | | | | |
| CAOND114440 | 424.1 | 425.0 | 0.9 | 0.022 | | | | |

**Major:** **From:** 425.00 **To:** 426.80 V8mt, Trachyte mafic tuff

Composition: Dark purplish grey with white and pale pink spots, fine grained and deformed; V8mt - Trachyte mafic tuff. Magnetism: Moderately magnetic. Veinning: None. Structure: Strong deformation at 40-50 TCA. Alteration: moderate to strong spotted calcite alteration. Mineralization: None. Lower Contact: Sharp; oriented at 40 TCA.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114441 | 425.0 | 426.0 | 1.0 | 0.003 | | | | |
| CAOND114442 | 426.0 | 426.8 | 0.8 | 0.010 | | | | |

**Hole number:** KLUC18-517

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
425.00, 426.80, CAL+, SPO, MOD, -, -, -, Moderate to strong spotted calcite alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
425.00, 426.80, DFZ, STRONG, 40.00, -, -, -, Strong deformation at 40-50 TCA defined by alignment of flattened pebbles
425.00, 426.80, FOL, STRONG, 40.00, -, -, -, Strong foliation at 40-50 TCA defined by alignment of flattened pebbles

**Major:** **From:** 426.80 **To:** 445.50 S1, CONGLOMÉRAT

Composition: Alternating mixture of various shades of grey, bluish grey, pinks, and browns, fine grained matrix with 80-90% polymitic pebbles ranging in size but all flattened and elongated and locally sheared; S1 - Conglomerate Magnetism: Non magnetic. Veinning: 1% chaotic qtz veinning crosscutting deformation. Structure: Strong deformation defined by the alignment of flattened and elongated pebbles. Alteration: Moderate stringers of chlorite alteration and patchy strong sericite alteration. Mineralization: 1-2% very fine grained dissemianted Py mineralization thorughout, locally occuring in clusters with up to 2-3% Py. Lower Contact: Sharp; oriented at 40 TCA. The pebbles suddenly diminish in abundance. Minor units: 430.3-430.5 = Strongly Se altered greywacke 431-431.2= Strongly Se altered greywacke 432.65-432.9= Strongly Se altered greywacke 433.7-433.95= Strongly Se altered greywacke 434.1-435.2= Strongly Se altered greywacke 436.8-437.2 = Strongly Se altered greywacke 437.7-438.8= Altered syenite 439.4-441.2 = Strongly Se altered greywacke 444.1-444.6 = Strongly Se altered greywacke

**MINOR INTERVAL**
430.30 - 430.50: S3Strongly sericite altered fine grained; S3 - greywacke
**MINOR INTERVAL**
431.00 - 431.20: S3Strongly sericite altered fine grained; S3 - greywacke
**MINOR INTERVAL**
432.65 - 432.90: S3Strongly sericite altered fine grained; S3 - greywacke
**MINOR INTERVAL**
433.70 - 433.95: S3Strongly sericite altered fine grained; S3 - greywacke
**MINOR INTERVAL**
434.15 - 435.30: S3Strongly sericite altered fine grained; S3 - greywacke
**MINOR INTERVAL**
436.80 - 437.25: S3Strongly sericite altered fine grained; S3 - greywacke
**MINOR INTERVAL**
437.75 - 438.80: I2DStrongly Se altered and deformed, fine grained; I2D - Syenite 5% very fine grained Py mineralization and 0.5% clustered galena in veinning
**MINOR INTERVAL**
439.40 - 441.25: S3Strongly sericite altered up to 439.7m, fine grained; S3 - greywacke
**MINOR INTERVAL**
444.10 - 444.60: S3Strongly sericite altered fine grained; S3 - greywacke

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114443 | 426.8 | 427.5 | 0.7 | 0.230 | | | | |
| CAOND114444 | 427.5 | 428.5 | 1.0 | 0.076 | | | | |
| CAOND114446 | 428.5 | 429.6 | 1.1 | 0.849 | | | | |
| CAOND114447 | 429.6 | 430.3 | 0.7 | 0.588 | | | | |
| CAOND114448 | 430.3 | 431.2 | 0.9 | 0.261 | | | | |
| CAOND114449 | 431.2 | 432.6 | 1.4 | 0.057 | | | | |
| CAOND114451 | 432.6 | 434.1 | 1.5 | 0.363 | | | | |
| CAOND114452 | 434.1 | 435.3 | 1.2 | 0.075 | 0.600 | 65 | 516 | |
| CAOND114453 | 435.3 | 436.0 | 0.7 | 0.083 | | | | |
| CAOND114454 | 436.0 | 436.8 | 0.8 | 0.259 | | | | |
| CAOND114455 | 436.8 | 437.7 | 0.9 | 0.438 | | | | |
| CAOND114456 | 437.7 | 438.8 | 1.1 | 0.238 | | | | |
| CAOND114457 | 438.8 | 439.4 | 0.6 | 1.545 | | | | |
| CAOND114458 | 439.4 | 440.3 | 0.9 | 0.146 | | | | |
| CAOND114459 | 440.3 | 441.2 | 0.9 | 0.018 | | | | |
| CAOND114461 | 441.2 | 442.5 | 1.3 | 0.025 | | | | |
| CAOND114462 | 442.5 | 443.3 | 0.8 | 0.030 | | | | |
| CAOND114463 | 443.3 | 444.1 | 0.8 | 0.076 | | | | |
| CAOND114464 | 444.1 | 444.6 | 0.5 | 0.068 | | | | |
| CAOND114465 | 444.6 | 445.5 | 0.9 | 0.132 | | | | |

**Hole number:** KLUC18-517

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
426.80, 445.50, PYR, DIS, 1.00, -, VFG, 1-2% locally 2-3% very fien grained dissemianted Py mineralization

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
426.80, 445.50, CHL+, PAT, MOD, -, -, -, Moderate to strong patchy chlorite alteration
426.80, 445.50, SER+, PAT, STRONG, -, -, -, Strong patchy sericite alteration within conglomerate and strong pervasive sericite alteration in minor greywacke units

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
426.80, 440.00, SZN, MOD, 40.00, -, -, -, Moderate shearing defined by steched and flattened cong. pebbles and algined sericite alteration. Oriented at 40-50 TCA
426.80, 445.50, DFZ, STRONG, 40.00, -, -, -, Strong deformation at 40-50 TCA defined by alignment of flattened pebbles
426.80, 445.50, FOL, STRONG, 40.00, -, -, -, Strong foliation at 40-50 TCA defined by alignment of flattened pebbles

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
429.00, 429.50, QtzCbt, 5.00, -, -, -, -, -, -, -, -, -, 5% chaotic qtz-carb veinning less than 1cm thick and crosscutting deformation
437.70, 438.80, QtzCbt, 20.00, -, -, -, -, -, -, -, GAL, .50, 20% chaotic and discontinuous qtz-carb veinning with 0.5% galena clustered locally in vein and 5% very fine grained Py mineralization in margins

**Major:** **From:** 445.50 **To:** 459.00 S3, GRAUWACKE

Composition: Medium greenish and pinkish grey gradually changing to dominantly dark bluish grey with patches of medium greenish grey to brown and white patches, fine grained; S3 - Greywacke. Magnetism: Non magnetic. Veinning: 1-2% mm scale irregular, discontinuous qtz-carb veinning. Structure: Strong deformation with preferential alignment at 40-50 TCA. Alteration: Strong pervasive sericite alteration up to ~452m. Mineralization: 1-2% very fine grained Py mineralization locally clustered. Lower Contact: Gradational, contact placed where rock becomes magnetic and textures change. *5% rounded and elongate polymitic pebbles 2-3cm in size observed in clusters randomly up to ~450m, **possibly minor intervals of V8mt throughout but contacts unclear.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
445.50, 452.00, SER+, PEN, STRONG, -, -, -, Strong pervasive sericite alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114466 | 445.5 | 447.0 | 1.5 | 0.046 | | | | |
| CAOND114467 | 447.0 | 448.5 | 1.5 | 0.133 | | | | |
| CAOND114468 | 448.5 | 450.0 | 1.5 | 0.163 | | | | |
| CAOND114469 | 450.0 | 451.0 | 1.0 | 0.073 | | | | |
| CAOND114471 | 451.0 | 451.9 | 0.9 | 0.145 | | | | |
| CAOND114472 | 451.9 | 453.0 | 1.1 | 0.040 | | | | |
| CAOND114473 | 453.0 | 454.5 | 1.5 | 0.032 | | | | |
| CAOND114474 | 454.5 | 456.0 | 1.5 | 0.021 | | | | |
| CAOND114476 | 456.0 | 457.5 | 1.5 | 0.018 | | | | |

## Hole number: KLUC18-517

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
445.50, 459.00, DFZ, STRONG, 40.00, -, -, -, Strong deformation

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114477 | 457.5 | 459.0 | 1.5 | 0.015 | | | | |

**Major: From:** 459.00 **To:** 485.30 V8mt, Trachyte mafic tuff

Composition: Dominantly dark grey and dark greenish grey, fine grained with white stringers and spots; V8mt - Trachyte mafic tuff. Magnetism: Moderate to strongly magnetic. Veinning: No significant veinning, 25% mm scale chaotic and discontinuous dolomite? gradually changing to calcite veinlets. Structure: Strong deformation with preferential alignment at 40-50 TCA. Alteration: Moderate spotted dolomite alteration gradually changing to calcite. Mineralization: 1-2% very fine grained Py mineralization. Lower Contact: Sharp but no knife sharp. 477-481.7m = alteration seems to be more defused giving a slightly bleached appears. Still magnetic, possibly a slightly bleached V8mt? 481.7-485.3m = deformation remains strong but appears more chaotic than previous interval. Moderate Se alteration is interduced and also bleached.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
460.00, 476.80, CAL+, SPO, MOD, -, -, -, Moderate spotted calcite alteration
477.00, 481.00, DOL+, PAT, WEAK, -, -, -, Weak to moderate dolomite alteration
481.00, 485.30, DOL+, PAT, MOD, -, -, -, Moderate to strong dolomite alteration giving a bleached appearance?
481.00, 485.30, SER+, PAT, MOD, -, -, -, Moderate patchy and stringers of sericite alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
459.00, 481.00, DFZ, STRONG, 40.00, -, -, -, Strong deformation with moderate to strong preferential alignment at 40-50 TCA
459.00, 481.00, FOL, MOD, 40.00, -, -, -, Moderate foliation at 40-50 TCA
481.00, 485.30, DFZ, STRONG, -, -, -, -, Strong chaotic deformation

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114478 | 459.0 | 460.5 | 1.5 | 0.009 | | | | |
| CAOND114479 | 460.5 | 462.0 | 1.5 | 0.005 | | | | |
| CAOND114481 | 462.0 | 463.5 | 1.5 | 0.003 | | | | |
| CAOND114482 | 463.5 | 465.0 | 1.5 | 0.006 | | | | |
| CAOND114483 | 465.0 | 466.5 | 1.5 | 0.003 | | | | |
| CAOND114484 | 466.5 | 468.0 | 1.5 | 0.007 | | | | |
| CAOND114485 | 468.0 | 469.5 | 1.5 | 0.003 | | | | |
| CAOND114486 | 469.5 | 471.0 | 1.5 | 0.003 | | | | |
| CAOND114487 | 471.0 | 472.5 | 1.5 | 0.007 | | | | |
| CAOND114488 | 472.5 | 474.0 | 1.5 | 0.003 | | | | |
| CAOND114489 | 474.0 | 475.5 | 1.5 | 0.003 | | | | |
| CAOND114491 | 475.5 | 477.0 | 1.5 | 0.007 | | | | |
| CAOND114492 | 477.0 | 478.5 | 1.5 | 0.017 | | | | |
| CAOND114493 | 478.5 | 480.0 | 1.5 | 0.035 | | | | |
| CAOND114494 | 480.0 | 481.5 | 1.5 | 0.052 | | | | |
| CAOND114495 | 481.5 | 482.6 | 1.1 | 0.027 | | | | |
| CAOND114496 | 482.6 | 484.0 | 1.4 | 0.020 | | | | |
| CAOND114497 | 484.0 | 485.3 | 1.3 | 0.050 | | | | |

**Major: From:** 485.30 **To:** 490.20 S1, CONGLOMÉRAT

Composition: Dominantly pale to medium grey with minor dark grey and pink patches, bleached with faintly visible polymitic flattened pebbles; S1 - Conglomerate. Magnetism: Weak to moderately magnetic. Veinning: No significant veining. Structure: Strong deformation at 40-50 TCA Alteration: Strong pervasive dolomite alteration? Mineralization: 1-2% very fine grained Py mineralization. Lower Contact: Sharp but not knife sharp.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
485.30, 490.20, DOL+, PEN, MOD, -, -, -, Moderate to strong pervasive dolomite alteration? bleaching S1

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
485.30, 490.20, DFZ, STRONG, 40.00, -, -, -, Strong deformation orinted at 40-50 TCA defined by alignment of faintly visible flattened pebbles

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND114498 | 485.3 | 486.5 | 1.2 | 0.003 | | | | |
| CAOND114499 | 486.5 | 488.0 | 1.5 | 0.003 | | | | |
| CAOND117001 | 488.0 | 489.0 | 1.0 | 0.005 | | | | |
| CAOND117002 | 489.0 | 490.2 | 1.2 | 0.312 | | | | |

**Hole number:** KLUC18-517

**Major:** **From:** 490.20 **To:** 514.50 V8mt, Trachyte mafic tuff

Composition: Dominantly dark grey with minor pink patches and chaotic discontinuous white stringers; V8mt - Trachyte mafic tuff Magnetism: Moderately magnetic. Veinning: 1% mm scale qtz-carb veinning. Structure: Strong deformation with preferential alignment at 40-50 TCA. Alteration: Moderate spotted and patchy dolomite alteration. Mineralization: Trace very fine grained dissseminated PY mineralization. Lower Contact: Sharp; oriented at 30 TCA 90 degrees to orientation of deformation

**MINOR INTERVAL**

506.00 - 507.80: I2DpComposition: Dominantly medium reddish brown and medium red with minor dark purple patches, strongly altered and brittely deformed, porphyrytic textures; I2Dp - Syenite porphyry Magnetism: Non magnetic. Veinning: 2% chaotic and crosscutting qtz-carb veinning less than 1 cm thick. Structure: Moderate to strong brittle and chaotic deformation throughout. Alteration: Moderate spotted dolomite alteration. Mineralization: Trace very fine grained dissemianted Py mineralization and locally clustered up to 1%. Contacts: Sharp but microsheared and altered orientd at 40 TCA

**MINOR INTERVAL**

509.00 - 509.60: I2DpComposition: Dominantly medium reddish brown and medium red with minor dark purple patches, strongly altered and brittely deformed, porphyrytic textures; I2Dp - Syenite porphyry Magnetism: Non magnetic. Veinning: 2% chaotic and crosscutting qtz-carb veinning less than 1 cm thick. Structure: Moderate to strong brittle and chaotic deformation throughout. Alteration: Moderate spotted dolomite alteration. Mineralization: Trace very fine grained dissemianted Py mineralization and locally clustered up to 1%. Contacts: Sharp but microsheared and altered orientd at 40 TCA

**MINOR INTERVAL**

510.10 - 510.80: I2DPossibly strongly altered and deformed I2D?

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

490.20, 514.50, DOL+, PEN, MOD, -, -, -, Moderate to strong pervasive dolomite alteration? bleaching S1

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

490.20, 514.50, DFZ, STRONG, 40.00, -, -, -, Strong deformation with moderate prefential alignment at 40-50 TCA

501.00, 509.00, FRA, WEAK, -, -, -, -, Weak to moderate fracturing into 3-5 and 5-10cm thick pieces

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117003 | 490.2 | 491.5 | 1.3 | 0.034 | | | | |
| CAOND117004 | 491.5 | 493.0 | 1.5 | 0.012 | | | | |
| CAOND117005 | 493.0 | 494.5 | 1.5 | 0.012 | | | | |
| CAOND117006 | 494.5 | 496.0 | 1.5 | 0.011 | | | | |
| CAOND117007 | 496.0 | 497.5 | 1.5 | 0.007 | | | | |
| CAOND117008 | 497.5 | 499.0 | 1.5 | 0.010 | | | | |
| CAOND117009 | 499.0 | 500.5 | 1.5 | 0.014 | | | | |
| CAOND117010 | 500.5 | 502.0 | 1.5 | 0.013 | | | | |
| CAOND117011 | 502.0 | 503.5 | 1.5 | 0.015 | | | | |
| CAOND117012 | 503.5 | 505.0 | 1.5 | 0.008 | | | | |
| CAOND117013 | 505.0 | 506.0 | 1.0 | 0.017 | | | | |
| CAOND117014 | 506.0 | 506.8 | 0.8 | 0.045 | | | | |
| CAOND117016 | 506.8 | 507.8 | 1.0 | 0.122 | | | | |
| CAOND117017 | 507.8 | 509.0 | 1.2 | 0.017 | | | | |
| CAOND117018 | 509.0 | 509.6 | 0.6 | 0.128 | | | | |
| CAOND117019 | 509.6 | 510.1 | 0.5 | 0.018 | | | | |
| CAOND117021 | 510.1 | 510.8 | 0.7 | 0.295 | | | | |
| CAOND117022 | 510.8 | 512.0 | 1.2 | 0.017 | | | | |
| CAOND117023 | 512.0 | 513.5 | 1.5 | 0.012 | | | | |
| CAOND117024 | 513.5 | 514.5 | 1.0 | 0.011 | | | | |

**Major:** **From:** 0.00 **To:** 1.50 OVB, Overburden

Overburden

**Major:** **From:** 514.50 **To:** 519.00 S1, CONGLOMÉRAT

Composition: Varyious shades of grey, green, pink with minor dark red, clasts supported, strongly deformed and brecciated, polylithic; S1 - Conglomerate. Magnetism: Weakly magnetic with local moderate magnetism. Veinning: None significant. Structure: Strongly chaotically deformed and brecciated. Alteration: Moderate spotted dolomite, moderate patchy chlorite alteration. Mineralization:

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117026 | 514.5 | 516.0 | 1.5 | 0.851 | | | | |
| CAOND117027 | 516.0 | 517.5 | 1.5 | 0.267 | | | | |
| CAOND117028 | 517.5 | 519.0 | 1.5 | 0.076 | | | | |

**Hole number:** KLUC18-517

Trace very fine grained disseminated Py mineralization. Lower Contact: Sharp oriented at 40 TCA

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

514.50, 519.00, CHL+, PAT, MOD, -, -, -, Moderate patchy chlorite alteration
514.50, 519.00, DOL+, SPO, MOD, -, -, -, Moderate spotted dolomite alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

514.50, 519.00, BRC, MOD, -, -, -, -, Moderate brecciation
514.50, 519.00, DFZ, STRONG, -, -, -, -, Strong chaotic deformation

**Major:** **From:** 519.00 **To:** 521.70 I2D, Syénite

Composition: Bleached pinkish orange and medium grey, fine grained, massive, strongly brittely deformed and strongly altered; I2D - Syenite. Magnetism: Non magnetic. Veinning: < 1% discontinuous mm scale qtz-carb veinlets. Structure: Strong brittle deformation. Alteration: Moderate pervasive dolomite alteration and moderate chlorite filled fractures. Mineralization: 1-2% very fine grained Py mineralization. Lower Contact: Sharp but faintly visible due to alteration. Minor units: 520.6-521m = S3? 521-521.7m = I2Dt?

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

519.00, 520.60, KFS+, PEN, MOD, -, -, -, Weak to moderate Kspar alteration?

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

519.00, 521.70, DFZ, STRONG, 40.00, -, -, -, Strong deformation with moderate to strong preferential alignment at 40-50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117029 | 519.0 | 519.8 | 0.8 | 0.040 | | | | |
| CAOND117031 | 519.8 | 520.6 | 0.8 | 0.046 | | | | |
| CAOND117032 | 520.6 | 521.7 | 1.1 | 0.011 | | | | |

**Major:** **From:** 521.70 **To:** 529.00 V8mtl, Trachyte mafic tuff lapilli

Composition: Dark grey with medium grey patches gradually changing to medium yellowish and green buff with minor patches of oragnish pink, strongly deformed and altered; V8mtl - Trachyte mafic tuff lapilli. Magnetism: Moderately magnetic but gradually looses magnetism ~526m. Veinning: <1% qtz veinning <1cm thick. Structure: Strong deformation with preferential alignment at 40-50 TCA. Alteration: Moderate spotted dolomite alteration throughout. Strong pervasive sericite alteration starting at ~526m. Mineralization: 1-2% very fine grained disseminated Py mineralization increasing to 3-5% within strong Se altered interval. Lower Contact: Sharp but irregular

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

526.00, 529.00, PYR, DIS, 3.00, -, VFG, 3-5% very fine grained dissemianted Py mienralization

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

521.70, 529.00, DOL+, SPO, MOD, -, -, -, Moderate spotted dolomite alteration throughout
526.00, 529.00, SER+, PEN, STRONG, -, -, -, Strong pervasive sericite alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117033 | 521.7 | 523.0 | 1.3 | 0.009 | | | | |
| CAOND117034 | 523.0 | 524.5 | 1.5 | 0.237 | | | | |
| CAOND117035 | 524.5 | 526.0 | 1.5 | 0.434 | | | | |
| CAOND117036 | 526.0 | 527.5 | 1.5 | 2.480 | | | | |
| CAOND117037 | 527.5 | 529.0 | 1.5 | 0.126 | | | | |

**Hole number:** KLUC18-517

528.00, 529.00, KFS+, PEN, MOD, -, -, -, Weak to moderate pervasive Kspar alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
521.70, 529.00, DFZ, STRONG, 40.00, -, -, -, Strong deformation with moderate to strong preferential alignment at 40-50 TCA
521.70, 529.00, FOL, MOD, 40.00, -, -, -, Moderate foliation at 40-50 TCA

**Major:** **From:** 529.00 **To:** 530.90 I2D, Syénite

Composition: Dark red with medium greenish grey stringers, fine to medium grained, massive, strongly deformed and altered; I2D - Syenite. Magnetism: Moderately magnetic. Veinning: < 1% qtz-carb-hem veinning. Structure: Moderate to strong chaotic transitional deformation with weak preferential alignment at 40-50. Alteration: Moderate to strong pervasive hematite alteration and moderate spotted dolomite alteration. Mineralization: Trace to 1% very fine grained Py mineralization. Lower Contact: Sharp; oriented at 40 TCA.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
529.00, 530.90, DOL+, SPO, MOD, -, -, -, Moderate spotted dolomite alteration
529.00, 530.90, HEM+, PEN, MOD, -, -, -, Moderate pervsive hematite alteration

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
530.00, 530.20, QtzCbt, 10.00, -, -, -, -, -, -, -, -, -, 1x 2cm thick pale grey qtz-carb-hem vein oriented at 80 TCA. Contacts are sharp but slightly wavy

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117038 | 529.0 | 529.9 | 0.9 | 0.086 | | | | |
| CAOND117039 | 529.9 | 530.9 | 1.0 | 0.096 | | | | |

**Major:** **From:** 530.90 **To:** 538.10 V8t, Trachytic tuff

Composition: Medium greenish grey and pale grey to milky white; V8t - Trachyte tuff Magnetism: Non magnetic gradually changing to moderately magnetic. Veinning: Less than 1% qtz-carb veinning, less than 1cm thick. Structure: Strong deformation with preferential alignment at 40-50 TCA. Alteration: Weak to moderate stringers of Se alteration and pervasive moderate dolomite alteration. Mineralization: 2-3% very fine grained disseminated Py mineralization throughout. Lower Contact: Gradational, contact placed where textures and colour change.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
530.90, 538.10, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained disseminated Py mineralization

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
530.90, 534.00, DOL+, PAT, WEAK, -, -, -, Weak to moderate patchy dolomite alteration
530.90, 538.10, SER+, STG, MOD, -, -, -, Weak to moderate stringers of Sericite alteration
534.00, 538.10, DOL+, PEN, MOD, -, -, -, Moderate to strong pervasive dolomite alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117040 | 530.9 | 532.0 | 1.1 | 0.081 | | | | |
| CAOND117041 | 532.0 | 533.5 | 1.5 | 0.090 | | | | |
| CAOND117042 | 533.5 | 535.0 | 1.5 | 0.122 | | | | |
| CAOND117043 | 535.0 | 536.5 | 1.5 | 0.032 | | | | |
| CAOND117044 | 536.5 | 537.4 | 0.9 | 0.003 | | | | |
| CAOND117046 | 537.4 | 538.1 | 0.7 | 0.003 | | | | |

**Hole number:** KLUC18-517

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
530.90, 538.10, DFZ, STRONG, 40.00, -, -, -, Strong deformation and preferential alignment at 40-50 TCA
530.90, 538.10, FOL, STRONG, 40.00, -, -, -, Moderate to strong preferral alignment at 40-50 TCA

**Major:** **From:** 538.10 **To:** 623.00 I2Dt, Trachytic Syenite

Composition: Medium purple gradually changing to dark purple with white and pink spots and patches thorughout, fine to medium grained and massive; I2Dt - Trachytic syenite. Magnetism: Moderately magnetic. Veinning: 1% qtz-carb-hem veinning 1-2cm thick and 1% chaotic carbonate veining. Structure: Moderately deformed with weak preferential alignment at beginning of interval. Alteration: Moderate spotted dolomite alteration gradually changing to calcite. Mineralization: 2-3% very fine grained Py mineralization throughout, locally clustered with 10-15% Py. Lower Contact: Sharp; oriented at 60 TCA *618-621m = 2-3% subrounded 1-2mm sized wavy pophyry phenocrysts

**TEXTURE**
TYPE/COLOR/GRAIN_SIZE/COMMENTS
618.00, 623.00, POR, -, MGR, porphyritic: 2-3% subrounded, grey and waxy, 1-2mm sized phenocrysts

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
538.10, 579.00, PYR, DIS, 2.00, -, VFG, 2-3% very fine graiend disseminated Py mineralization
579.00, 582.00, PYR, DIS, 10.00, -, VFG, 10-15% very fine grained PY mineralization occuring in clusters
582.00, 618.00, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained disseminated Py mineralization with minor clusteres of Py up to 10%

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
538.10, 546.00, DOL+, SPO, MOD, -, -, -, Moderate spotted dolomite alteration
546.00, 623.00, CAL+, SPO, MOD, -, -, -, Moderate spotted and patchy calcite alteration
590.50, 592.00, KFS+, PEN, MOD, -, -, -, Moderate pervasive kspar alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
538.10, 546.00, FOL, WEAK, 40.00, -, -, -, Weak preferential alignment at 40-50 TCA
538.10, 618.00, DFZ, MOD, -, -, -, -, Moderate deformation with preferential alignment at begining of interval
602.00, 611.00, FOL, WEAK, 40.00, -, -, -, Weak preferential alignment at 40-50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117047 | 538.1 | 539.5 | 1.4 | 0.050 | | | | |
| CAOND117048 | 539.5 | 541.0 | 1.5 | 0.010 | | | | |
| CAOND117049 | 541.0 | 542.5 | 1.5 | 0.021 | | | | |
| CAOND117051 | 542.5 | 544.0 | 1.5 | 0.021 | | | | |
| CAOND117052 | 544.0 | 545.5 | 1.5 | 0.041 | | | | |
| CAOND117053 | 545.5 | 547.0 | 1.5 | 0.165 | | | | |
| CAOND117054 | 547.0 | 548.5 | 1.5 | 0.051 | | | | |
| CAOND117055 | 548.5 | 550.0 | 1.5 | 0.047 | | | | |
| CAOND117056 | 550.0 | 551.5 | 1.5 | 0.079 | | | | |
| CAOND117057 | 551.5 | 553.0 | 1.5 | 0.307 | | | | |
| CAOND117058 | 553.0 | 554.5 | 1.5 | 0.216 | | | | |
| CAOND117059 | 554.5 | 556.0 | 1.5 | 0.164 | | | | |
| CAOND117061 | 556.0 | 557.0 | 1.0 | 0.130 | | | | |
| CAOND117062 | 557.0 | 557.9 | 0.9 | 2.220 | | | | |
| CAOND117063 | 557.9 | 559.0 | 1.1 | 0.268 | | | | |
| CAOND117064 | 559.0 | 560.5 | 1.5 | 0.775 | | | | |
| CAOND117065 | 560.5 | 562.0 | 1.5 | 0.288 | | | | |
| CAOND117066 | 562.0 | 563.5 | 1.5 | 0.643 | | | | |
| CAOND117067 | 563.5 | 565.0 | 1.5 | 0.215 | | | | |
| CAOND117068 | 565.0 | 566.5 | 1.5 | 0.978 | | | | |
| CAOND117069 | 566.5 | 568.0 | 1.5 | 1.205 | | | | |
| CAOND117071 | 568.0 | 569.1 | 1.1 | 0.025 | | | | |
| CAOND117072 | 569.1 | 570.0 | 0.9 | 0.017 | | | | |
| CAOND117073 | 570.0 | 571.5 | 1.5 | 0.545 | | | | |
| CAOND117074 | 571.5 | 573.0 | 1.5 | 1.275 | | | | |
| CAOND117076 | 573.0 | 574.5 | 1.5 | 0.200 | | | | |
| CAOND117077 | 574.5 | 576.0 | 1.5 | 0.022 | | | | |
| CAOND117078 | 576.0 | 577.5 | 1.5 | 0.057 | | | | |

**Hole number:** KLUC18-517

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117079 | 577.5 | 579.0 | 1.5 | 0.158 | | | | |
| CAOND117081 | 579.0 | 580.5 | 1.5 | 0.892 | | | | |
| CAOND117082 | 580.5 | 582.0 | 1.5 | 0.296 | | | | |
| CAOND117083 | 582.0 | 583.5 | 1.5 | 0.447 | | | | |
| CAOND117084 | 583.5 | 585.0 | 1.5 | 0.768 | | | | |
| CAOND117085 | 585.0 | 586.5 | 1.5 | 0.464 | | | | |
| CAOND117086 | 586.5 | 588.0 | 1.5 | 16.150 | | | | |
| CAOND117087 | 588.0 | 589.5 | 1.5 | 33.400 | | | | |
| CAOND117088 | 589.5 | 590.5 | 1.0 | 0.183 | | | | |
| CAOND117089 | 590.5 | 592.0 | 1.5 | 3.360 | | | | |
| CAOND117091 | 592.0 | 593.5 | 1.5 | 0.436 | | | | |
| CAOND117092 | 593.5 | 595.0 | 1.5 | 0.196 | | | | |
| CAOND117093 | 595.0 | 596.5 | 1.5 | 0.412 | | | | |
| CAOND117094 | 596.5 | 598.0 | 1.5 | 0.298 | | | | |
| CAOND117095 | 598.0 | 599.5 | 1.5 | 0.128 | | | | |
| CAOND117096 | 599.5 | 601.0 | 1.5 | 0.102 | | | | |
| CAOND117097 | 601.0 | 602.5 | 1.5 | 0.361 | | | | |
| CAOND117098 | 602.5 | 604.0 | 1.5 | 6.620 | | | | |
| CAOND117099 | 604.0 | 605.5 | 1.5 | 0.251 | | | | |
| CAOND117101 | 605.5 | 607.0 | 1.5 | 0.132 | | | | |
| CAOND117102 | 607.0 | 608.5 | 1.5 | 1.690 | | | | |
| CAOND117103 | 608.5 | 610.0 | 1.5 | 0.483 | | | | |
| CAOND117104 | 610.0 | 611.5 | 1.5 | 0.034 | | | | |
| CAOND117105 | 611.5 | 613.0 | 1.5 | 0.110 | | | | |
| CAOND117106 | 613.0 | 614.5 | 1.5 | 0.332 | | | | |
| CAOND117107 | 614.5 | 616.0 | 1.5 | 0.025 | | | | |
| CAOND117108 | 616.0 | 617.5 | 1.5 | 0.476 | | | | |
| CAOND117109 | 617.5 | 619.0 | 1.5 | 0.021 | | | | |
| CAOND117110 | 619.0 | 620.5 | 1.5 | 0.017 | | | | |
| CAOND117111 | 620.5 | 622.0 | 1.5 | 0.020 | | | | |
| CAOND117112 | 622.0 | 623.0 | 1.0 | 0.030 | | | | |

**Major:** **From:** 623.00 **To:** 628.70 I2D, Syénite

Composition: Medium to dark red, medium to fine grained and massive with weak porphyritic texture;

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117113 | 623.0 | 624.5 | 1.5 | 0.120 | | | | |

## Hole number: KLUC18-517

I2D - Syenite. Magnetism: Non magnetic Veinning: <1% mm scale qtz-carb veinning. Structure: Weak chaotic deformation. Alteration: Moderate to strong pervasive kspar alteration. Mineralization: Trace very fine grained Py mineralization. Lower Contact: Sharp and oriented at 30 TCA.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

623.00, 628.70, KFS+, PEN, MOD, -, -, -, Moderate to strong pervasive kspar or hem alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117114 | 624.5 | 626.0 | 1.5 | 0.031 | | | | |
| CAOND117116 | 626.0 | 627.5 | 1.5 | 0.034 | | | | |
| CAOND117117 | 627.5 | 628.7 | 1.2 | 0.022 | | | | |

**Major:** **From:** 54.40 **To:** 68.40 V8RS, Trachyte red spotted

Composition: Pale green, pale buff with dark red stringers and spots, dominantly very fine to fine grained tuff with fine to medium grained lapilli; V8RS - Trachyte red spotted. Magnetism: Moderate magnetism. Veinning: 1-2% pale grey chaotic qtz-carb-kspar? veinning occuring in clusters 5-15cm thick. Structure: Strong deformation with strong foliation oriented at 50 TCA. Alteration: Moderate to strong pervasive Chl and Se alteration with moderate spotted kpsar or hem alteration. Mineralization: No mineralization observed. Lower Contact: Gradational, contact is placed where colours and textures change and red spots diminish.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

54.40, 68.40, SER+, BAN, MOD, -, -, -, Moderate to strong banded to pervasive Se alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

54.40, 68.40, DFZ, STRONG, 50.00, -, -, -, Strong deformation with strong foliation and preferential alignment oriented at 50 TCA

54.40, 68.40, FOL, STRONG, 50.00, -, -, -, Strong foliation oriented at 50 TCA defined by the alignment and alternation of bands and lapilli clusters

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

57.00, 57.50, QtzCbt, 10.00, -, -, -, -, -, -, -, -, -, 10% irregular chaotic mm scale qtz-carb-kspar? veinning clustered in a 15cm thick interval

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115956 | 54.4 | 55.5 | 1.1 | 0.024 | | | | |
| CAOND115957 | 55.5 | 57.0 | 1.5 | 0.011 | | | | |
| CAOND115958 | 57.0 | 57.5 | 0.5 | 0.011 | | | | |
| CAOND115959 | 57.5 | 59.0 | 1.5 | 0.007 | | | | |
| CAOND115961 | 59.0 | 60.5 | 1.5 | 0.003 | | | | |
| CAOND115962 | 60.5 | 62.0 | 1.5 | 0.003 | | | | |
| CAOND115963 | 62.0 | 63.5 | 1.5 | 0.003 | | | | |
| CAOND115964 | 63.5 | 65.0 | 1.5 | 0.003 | | | | |
| CAOND115965 | 65.0 | 66.5 | 1.5 | 0.003 | | | | |
| CAOND115966 | 66.5 | 67.5 | 1.0 | 0.022 | | | | |
| CAOND115967 | 67.5 | 68.4 | 0.9 | 0.224 | | | | |

**Major:** **From:** 1.50 **To:** 54.40 V8tl, Trachytic lapilli tuff

Composition: Dominantly medium to dark green and grey with milky white to beige spots, bands of medium orangish pink, pale brown to buff and medium to dark reddish observed, strongly foliated and deformed, dominantly fine grained tuff with medium grained spots and lapilli throughtout in varying abundances; V8tl - trachytic tuff lapilli. Magnetism: Weak to moderately magnetic. Veinning: 1-2% irregular, chaotic, 1-2cm thick white and dark red qtz-carb-kspar? veining. 1x 5cm thick medium grey and black qtz-tl vein, 1-2% mm scale qtz and dol veinlets and 1% Tl and qtz healed microfratures. Structure: Strongly deformed with strong preferential alignment at 40-60 TCA. Alteration: Weak to moderate clustered Chl, Se and hem/k-spar alteration. Mineralization: Trace to 1% very fine to fine grained PY mineralization disseminated locally and occuring in healed fractures, and trace galena clustered locally in veinning. Lower Contact: Gradational, contact is placed where colours and textures

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115912 | 1.5 | 3.0 | 1.5 | 0.006 | | | | |
| CAOND115913 | 3.0 | 4.5 | 1.5 | 0.003 | | | | |
| CAOND115914 | 4.5 | 6.0 | 1.5 | 0.003 | 0.250 | 71 | 103 | |
| CAOND115915 | 6.0 | 7.5 | 1.5 | 0.003 | | | | |
| CAOND115917 | 7.5 | 9.0 | 1.5 | 0.003 | | | | |
| CAOND115918 | 9.0 | 10.5 | 1.5 | 0.003 | | | | |
| CAOND115919 | 10.5 | 11.5 | 1.0 | 0.003 | | | | |

**Hole number:** KLUC18-517

change and red spots become abundant. 41-45m; appears to be a change in composition and colour. Alternating dark green and dark red bands ranging from 1-10cm thick. Could be classified as a red spotted trachyte? Contacts are gradational.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

52.90, 53.40, GAL, HDC, .50, -, -, 0.5% fine grained clustered galena mineralization

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

41.00, 45.00, KFS+, BAN, MOD, RED2_BASIC, -, -, Moderate to strong 1-10cm thick bands parallel to deformation of kspar or hem alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

1.50, 54.40, DFZ, STRONG, 50.00, -, -, -, Strong deformation with strong foliation and preferential alignment oriented at 50-60 TCA

1.50, 54.40, FOL, STRONG, 50.00, -, -, -, Strong foliation oriented at 50-60 TCA

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

11.50, 12.00, QtzTur, 10.00, -, -, -, -, GRY2_BASIC, -, -, PYR, .50, 1x 5cm thick medium grey and black qtz-tourm vein with irregular contacts trending at 40-50 TCA, 0.5% PY very fine grained PY mineralization

17.00, 19.00, QtzCbt, 5.00, -, -, -, -, -, -, -, PYR, .50, Pale grey, milky white and medium red qtz-carb veinning. Chaotic, irregular and <1cm thick. 0.5% PY mineralization

30.00, 32.00, QtzCbt, 5.00, -, -, -, -, -, -, -, -, -, Pale grey, milky white and medium red qtz-carb veinning. Chaotic, irregular, and <1cm thick.

39.70, 43.70, QTZ, 3.00, -, -, -, -, -, -, -, -, -, 3% pale grey with dark red patches throughout, <1cm - 1cm thick, observed parallel to deformation, crosscutting and locally chaotic and discontinuous

52.90, 53.40, QtzCbt, 10.00, -, -, -, -, -, -, -, GAL, .50, 10% irregular pale grey, dark red and pale pink qtz-carb-kspar? vein with 0.5% clustered GN and PY mineralization

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND115921 | 11.5 | 12.5 | 1.0 | 0.003 | | | | |
| CAOND115922 | 12.5 | 14.0 | 1.5 | 0.003 | | | | |
| CAOND115923 | 14.0 | 15.5 | 1.5 | 0.003 | | | | |
| CAOND115924 | 15.5 | 17.0 | 1.5 | 0.003 | | | | |
| CAOND115926 | 17.0 | 18.5 | 1.5 | 0.003 | | | | |
| CAOND115927 | 18.5 | 20.0 | 1.5 | 0.012 | | | | |
| CAOND115928 | 20.0 | 21.0 | 1.0 | 0.003 | | | | |
| CAOND115929 | 21.0 | 22.5 | 1.5 | 0.003 | | | | |
| CAOND115931 | 22.5 | 24.0 | 1.5 | 0.003 | | | | |
| CAOND115932 | 24.0 | 25.5 | 1.5 | 0.003 | | | | |
| CAOND115933 | 25.5 | 27.0 | 1.5 | 0.003 | | | | |
| CAOND115934 | 27.0 | 28.5 | 1.5 | 0.003 | | | | |
| CAOND115935 | 28.5 | 30.0 | 1.5 | 0.003 | | | | |
| CAOND115936 | 30.0 | 31.5 | 1.5 | 0.003 | | | | |
| CAOND115937 | 31.5 | 33.0 | 1.5 | 0.003 | | | | |
| CAOND115938 | 33.0 | 34.5 | 1.5 | 0.003 | | | | |
| CAOND115939 | 34.5 | 36.0 | 1.5 | 0.003 | | | | |
| CAOND115940 | 36.0 | 37.5 | 1.5 | 0.003 | | | | |
| CAOND115941 | 37.5 | 39.0 | 1.5 | 0.003 | | | | |
| CAOND115942 | 39.0 | 40.5 | 1.5 | 0.003 | | | | |
| CAOND115943 | 40.5 | 42.0 | 1.5 | 0.003 | | | | |
| CAOND115944 | 42.0 | 43.5 | 1.5 | 0.005 | | | | |
| CAOND115946 | 43.5 | 45.0 | 1.5 | 0.008 | | | | |
| CAOND115947 | 45.0 | 46.5 | 1.5 | 0.003 | | | | |
| CAOND115948 | 46.5 | 47.5 | 1.0 | 0.009 | | | | |
| CAOND115949 | 47.5 | 48.5 | 1.0 | 0.008 | | | | |
| CAOND115951 | 48.5 | 50.0 | 1.5 | 0.008 | | | | |
| CAOND115952 | 50.0 | 51.5 | 1.5 | 0.007 | | | | |
| CAOND115953 | 51.5 | 52.9 | 1.4 | 0.014 | | | | |
| CAOND115954 | 52.9 | 53.4 | 0.5 | 0.012 | | | | |
| CAOND115955 | 53.4 | 54.4 | 1.0 | 0.030 | | | | |

**Geochemical sample**

**Hole number:** KLUC18-517

| Sample | From | To | Ag gpt | Al2O3 Pct | Ba ppm | CaO Pct | Cu ppm | CO2 Pct | Cr ppm | Fe2O3 Pct | K2O Pct | LOI pct | MgO pct | MnO pct | Mo ppm | Na2O pct | Ni ppm | P2O5 pct |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Pb ppm | Rb ppm | SiO2 pct | Sr ppm | Tb ppm | Tm ppm | TiO2 pct | Tl ppm | Total pct | U ppm | V ppm | W ppm | Y ppm | Yb ppm | Zn ppm | Zr ppm |
| CAOND119053 | 533.3 | 533.4 | 0.5 | 13.15 | 889.00 | 6.40 | 97.00 | | 110.00 | 8.75 | 4.56 | 10.3 | 5.1 | 0.2 | 1.0 | 1.5 | 34.0 | 0.4 |
| | | | 36.0 | 197.5 | 46.6 | 1 440.0 | 1.02 | 0.31 | 0.9 | 5.00 | 98.2 | 3.0 | 253.0 | 39.0 | 24.0 | 2.0 | 134.0 | 171.0 |
| CAOND119054 | 546.0 | 546.1 | 0.9 | 14.60 | 1,115.00 | 6.38 | 85.00 | | 100.00 | 6.14 | 3.29 | 8.2 | 3.9 | 0.3 | 3.0 | 5.5 | 28.0 | 0.3 |
| | | | 16.0 | 98.5 | 50.3 | 976.0 | 0.60 | 0.21 | 0.5 | 5.00 | 99.6 | 2.3 | 139.0 | 13.0 | 16.1 | 1.6 | 61.0 | 147.0 |
| CAOND119055 | 582.7 | 582.9 | 0.3 | 15.30 | 1,345.00 | 4.59 | 548.00 | | 120.00 | 6.35 | 4.21 | 5.2 | 3.4 | 0.1 | 50.0 | 5.1 | 32.0 | 0.3 |
| | | | 44.0 | 132.0 | 54.6 | 1 150.0 | 0.66 | 0.23 | 0.5 | 5.00 | 99.9 | 2.8 | 167.0 | 5.0 | 16.8 | 1.7 | 74.0 | 157.0 |
| CAOND119056 | 617.8 | 617.9 | 0.3 | 15.55 | 2,050.00 | 4.24 | 143.00 | | 110.00 | 5.62 | 3.78 | 4.2 | 2.9 | 0.1 | 9.0 | 5.7 | 29.0 | 0.3 |
| | | | 48.0 | 131.0 | 56.0 | 1 785.0 | 0.70 | 0.23 | 0.5 | 5.00 | 99.4 | 3.7 | 137.0 | 3.0 | 19.2 | 1.9 | 114.0 | 191.0 |
| CAOND119057 | 626.2 | 626.3 | 0.5 | 16.25 | 1,190.00 | 3.55 | 510.00 | | 10.00 | 2.65 | 4.03 | 4.6 | 1.3 | 0.1 | 21.0 | 6.5 | 5.0 | 0.2 |
| | | | 10.0 | 127.5 | 59.7 | 929.0 | 0.42 | 0.18 | 0.4 | 5.00 | 99.4 | 5.0 | 84.0 | 7.0 | 13.0 | 1.3 | 35.0 | 171.0 |
| CAOND119058 | 630.4 | 630.5 | 0.3 | 14.95 | 1,875.00 | 4.64 | 490.00 | | 40.00 | 4.68 | 3.08 | 5.4 | 2.1 | 0.1 | 23.0 | 6.1 | 12.0 | 0.2 |
| | | | 13.0 | 94.1 | 57.7 | 1 215.0 | 0.46 | 0.16 | 0.4 | 5.00 | 99.8 | 2.3 | 110.0 | 5.0 | 12.0 | 1.3 | 52.0 | 131.0 |
| CAOND119059 | 676.6 | 676.8 | 0.3 | 15.40 | 1,370.00 | 3.99 | 91.00 | | 110.00 | 6.38 | 3.65 | 3.5 | 3.9 | 0.2 | 3.0 | 5.7 | 32.0 | 0.3 |
| | | | 6.0 | 155.5 | 56.5 | 1 160.0 | 0.51 | 0.26 | 0.5 | 5.00 | 100.3 | 1.9 | 151.0 | 2.0 | 14.9 | 1.4 | 205.0 | 141.0 |

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 1.5 | 3.0 | 87.00 | 100.00 | | | N | |
| 3.0 | 6.0 | 80.00 | 100.00 | | | N | |
| 6.0 | 9.0 | 93.00 | 100.00 | | | N | |
| 9.0 | 12.0 | 87.00 | 100.00 | | | N | |
| 12.0 | 15.0 | 80.00 | 100.00 | | | N | |
| 15.0 | 18.0 | 43.00 | 100.00 | | | N | |
| 18.0 | 21.0 | 93.00 | 100.00 | | | N | |
| 21.0 | 24.0 | 90.00 | 100.00 | | | N | |
| 24.0 | 27.0 | 83.00 | 100.00 | | | N | |
| 27.0 | 30.0 | 73.00 | 100.00 | | | N | |
| 30.0 | 33.0 | 97.00 | 100.00 | | | N | |
| 33.0 | 36.0 | 93.00 | 100.00 | | | N | |

**Hole number:** KLUC18-517

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 36.0 | 39.0 | 100.00 | 100.00 | | | N | |
| 39.0 | 42.0 | 98.00 | 100.00 | | | N | |
| 42.0 | 45.0 | 93.00 | 100.00 | | | N | |
| 45.0 | 48.0 | 93.00 | 100.00 | | | N | |
| 48.0 | 51.0 | 90.00 | 100.00 | | | N | |
| 51.0 | 54.0 | 83.00 | 100.00 | | | N | |
| 54.0 | 57.0 | 97.00 | 100.00 | | | N | |
| 57.0 | 60.0 | 90.00 | 100.00 | | | N | |
| 60.0 | 63.0 | 95.00 | 100.00 | | | N | |
| 63.0 | 66.0 | 80.00 | 100.00 | | | N | |
| 66.0 | 69.0 | 88.00 | 100.00 | | | N | |
| 69.0 | 72.0 | 90.00 | 100.00 | | | N | |
| 72.0 | 75.0 | 88.00 | 100.00 | | | N | |
| 75.0 | 78.0 | 83.00 | 100.00 | | | N | |
| 78.0 | 81.0 | 67.00 | 100.00 | | | N | |
| 81.0 | 84.0 | 93.00 | 100.00 | | | N | |
| 84.0 | 87.0 | 90.00 | 100.00 | | | N | |
| 87.0 | 90.0 | 90.00 | 100.00 | | | N | |
| 90.0 | 93.0 | 98.00 | 100.00 | | | N | |
| 93.0 | 96.0 | 98.00 | 100.00 | | | N | |
| 96.0 | 99.0 | 82.00 | 100.00 | | | N | |
| 99.0 | 102.0 | 90.00 | 100.00 | | | N | |
| 102.0 | 105.0 | 100.00 | 100.00 | | | N | |
| 105.0 | 108.0 | 98.00 | 100.00 | | | N | |
| 108.0 | 111.0 | 70.00 | 100.00 | | | N | |
| 111.0 | 114.0 | 70.00 | 100.00 | | | N | |
| 114.0 | 117.0 | 90.00 | 100.00 | | | N | |
| 117.0 | 120.0 | 85.00 | 100.00 | | | N | |

**Hole number:** KLUC18-517

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 120.0 | 123.0 | 93.00 | 100.00 | | | N | |
| 123.0 | 126.0 | 83.00 | 100.00 | | | N | |
| 126.0 | 129.0 | 82.00 | 100.00 | | | N | |
| 129.0 | 132.0 | 82.00 | 100.00 | | | N | |
| 132.0 | 135.0 | 87.00 | 100.00 | | | N | |
| 135.0 | 138.0 | 67.00 | 100.00 | | | N | |
| 138.0 | 141.0 | 87.00 | 100.00 | | | N | |
| 141.0 | 144.0 | 98.00 | 100.00 | | | N | |
| 144.0 | 147.0 | 100.00 | 100.00 | | | N | |
| 147.0 | 150.0 | 95.00 | 100.00 | | | N | |
| 150.0 | 153.0 | 98.00 | 100.00 | | | N | |
| 153.0 | 156.0 | 93.00 | 100.00 | | | N | |
| 156.0 | 159.0 | 98.00 | 100.00 | | | N | |
| 159.0 | 162.0 | 100.00 | 100.00 | | | N | |
| 162.0 | 165.0 | 80.00 | 100.00 | | | N | |
| 165.0 | 168.0 | 97.00 | 100.00 | | | N | |
| 168.0 | 171.0 | 97.00 | 100.00 | | | N | |
| 171.0 | 174.0 | 100.00 | 100.00 | | | N | |
| 174.0 | 177.0 | 93.00 | 100.00 | | | N | |
| 177.0 | 180.0 | 98.00 | 100.00 | | | N | |
| 180.0 | 183.0 | 98.00 | 100.00 | | | N | |
| 183.0 | 186.0 | 90.00 | 100.00 | | | N | |
| 186.0 | 189.0 | 100.00 | 100.00 | | | N | |
| 189.0 | 192.0 | 80.00 | 100.00 | | | N | |
| 192.0 | 195.0 | 97.00 | 100.00 | | | N | |
| 195.0 | 198.0 | 95.00 | 100.00 | | | N | |
| 198.0 | 201.0 | 98.00 | 100.00 | | | N | |
| 201.0 | 204.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC18-517

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 204.0 | 207.0 | 98.00 | 100.00 | | | N | |
| 207.0 | 210.0 | 100.00 | 100.00 | | | N | |
| 210.0 | 213.0 | 100.00 | 100.00 | | | N | |
| 213.0 | 216.0 | 100.00 | 100.00 | | | N | |
| 216.0 | 219.0 | 97.00 | 100.00 | | | N | |
| 219.0 | 222.0 | 100.00 | 100.00 | | | N | |
| 222.0 | 225.0 | 100.00 | 100.00 | | | N | |
| 225.0 | 228.0 | 100.00 | 100.00 | | | N | |
| 228.0 | 231.0 | 100.00 | 100.00 | | | N | |
| 231.0 | 234.0 | 100.00 | 100.00 | | | N | |
| 234.0 | 237.0 | 100.00 | 100.00 | | | N | |
| 237.0 | 240.0 | 100.00 | 100.00 | | | N | |
| 240.0 | 243.0 | 98.00 | 100.00 | | | N | |
| 243.0 | 246.0 | 100.00 | 100.00 | | | N | |
| 246.0 | 249.0 | 93.00 | 100.00 | | | N | |
| 249.0 | 252.0 | 85.00 | 100.00 | | | N | |
| 252.0 | 255.0 | 100.00 | 100.00 | | | N | |
| 255.0 | 258.0 | 100.00 | 100.00 | | | N | |
| 258.0 | 261.0 | 97.00 | 100.00 | | | N | |
| 261.0 | 264.0 | 73.00 | 100.00 | | | N | |
| 264.0 | 267.0 | 87.00 | 100.00 | | | N | |
| 267.0 | 270.0 | 97.00 | 100.00 | | | N | |
| 270.0 | 273.0 | 55.00 | 100.00 | | | N | |
| 273.0 | 276.0 | 50.00 | 100.00 | | | N | |
| 276.0 | 279.0 | 73.00 | 100.00 | | | N | |
| 279.0 | 282.0 | 73.00 | 100.00 | | | N | |
| 282.0 | 285.0 | 83.00 | 100.00 | | | N | |
| 285.0 | 288.0 | 87.00 | 100.00 | | | N | |

**Hole number:** KLUC18-517

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 288.0 | 291.0 | 62.00 | 100.00 | | | N | |
| 291.0 | 294.0 | 100.00 | 100.00 | | | N | |
| 294.0 | 297.0 | 93.00 | 100.00 | | | N | |
| 297.0 | 300.0 | 93.00 | 100.00 | | | N | |
| 300.0 | 303.0 | 77.00 | 100.00 | | | N | |
| 303.0 | 306.0 | 90.00 | 100.00 | | | N | |
| 306.0 | 309.0 | 100.00 | 100.00 | | | N | |
| 309.0 | 312.0 | 100.00 | 100.00 | | | N | |
| 312.0 | 315.0 | 100.00 | 100.00 | | | N | |
| 315.0 | 318.0 | 97.00 | 100.00 | | | N | |
| 318.0 | 321.0 | 97.00 | 100.00 | | | N | |
| 321.0 | 324.0 | 97.00 | 100.00 | | | N | |
| 324.0 | 327.0 | 100.00 | 100.00 | | | N | |
| 327.0 | 330.0 | 100.00 | 100.00 | | | N | |
| 330.0 | 333.0 | 87.00 | 100.00 | | | N | |
| 333.0 | 336.0 | 77.00 | 100.00 | | | N | |
| 336.0 | 339.0 | 33.00 | 100.00 | | | N | |
| 339.0 | 342.0 | 83.00 | 100.00 | | | N | |
| 342.0 | 345.0 | 80.00 | 100.00 | | | N | |
| 345.0 | 348.0 | 75.00 | 100.00 | | | N | |
| 348.0 | 351.0 | 90.00 | 100.00 | | | N | |
| 351.0 | 354.0 | 97.00 | 100.00 | | | N | |
| 354.0 | 357.0 | 75.00 | 100.00 | | | N | |
| 357.0 | 360.0 | 93.00 | 100.00 | | | N | |
| 360.0 | 363.0 | 67.00 | 100.00 | | | N | |
| 363.0 | 366.0 | 42.00 | 100.00 | | | N | |
| 366.0 | 369.0 | 57.00 | 100.00 | | | N | |
| 369.0 | 372.0 | 63.00 | 100.00 | | | N | |

**Hole number:** KLUC18-517

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 372.0 | 375.0 | 70.00 | 100.00 | | | N | |
| 375.0 | 378.0 | 85.00 | 100.00 | | | N | |
| 378.0 | 381.0 | 50.00 | 100.00 | | | N | |
| 381.0 | 384.0 | 80.00 | 100.00 | | | N | |
| 384.0 | 387.0 | 90.00 | 100.00 | | | N | |
| 387.0 | 390.0 | 83.00 | 100.00 | | | N | |
| 390.0 | 393.0 | 78.00 | 100.00 | | | N | |
| 393.0 | 396.0 | 100.00 | 100.00 | | | N | |
| 396.0 | 399.0 | 73.00 | 100.00 | | | N | |
| 399.0 | 402.0 | 82.00 | 100.00 | | | N | |
| 402.0 | 405.0 | 72.00 | 100.00 | | | N | |
| 405.0 | 408.0 | 68.00 | 100.00 | | | N | |
| 408.0 | 411.0 | 90.00 | 100.00 | | | N | |
| 411.0 | 414.0 | 87.00 | 100.00 | | | N | |
| 414.0 | 417.0 | 93.00 | 100.00 | | | N | |
| 417.0 | 420.0 | 77.00 | 100.00 | | | N | |
| 420.0 | 423.0 | 87.00 | 100.00 | | | N | |
| 423.0 | 426.0 | 95.00 | 100.00 | | | N | |
| 426.0 | 429.0 | 93.00 | 100.00 | | | N | |
| 429.0 | 432.0 | 72.00 | 100.00 | | | N | |
| 432.0 | 435.0 | 100.00 | 100.00 | | | N | |
| 435.0 | 438.0 | 88.00 | 100.00 | | | N | |
| 438.0 | 441.0 | 100.00 | 100.00 | | | N | |
| 441.0 | 444.0 | 100.00 | 100.00 | | | N | |
| 444.0 | 447.0 | 100.00 | 100.00 | | | N | |
| 447.0 | 450.0 | 100.00 | 100.00 | | | N | |
| 450.0 | 453.0 | 100.00 | 100.00 | | | N | |
| 453.0 | 456.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC18-517

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 456.0 | 459.0 | 100.00 | 100.00 | | | N | |
| 459.0 | 462.0 | 80.00 | 100.00 | | | N | |
| 462.0 | 465.0 | 92.00 | 100.00 | | | N | |
| 465.0 | 468.0 | 97.00 | 100.00 | | | N | |
| 468.0 | 471.0 | 100.00 | 100.00 | | | N | |
| 471.0 | 474.0 | 90.00 | 100.00 | | | N | |
| 474.0 | 477.0 | 75.00 | 100.00 | | | N | |
| 477.0 | 480.0 | 100.00 | 100.00 | | | N | |
| 480.0 | 483.0 | 100.00 | 100.00 | | | N | |
| 483.0 | 486.0 | 100.00 | 100.00 | | | N | |
| 486.0 | 489.0 | 100.00 | 100.00 | | | N | |
| 489.0 | 492.0 | 97.00 | 100.00 | | | N | |
| 492.0 | 495.0 | 100.00 | 100.00 | | | N | |
| 495.0 | 498.0 | 100.00 | 100.00 | | | N | |
| 498.0 | 501.0 | 100.00 | 100.00 | | | N | |
| 501.0 | 504.0 | 60.00 | 100.00 | | | N | |
| 504.0 | 507.0 | 52.00 | 100.00 | | | N | |
| 507.0 | 510.0 | 63.00 | 100.00 | | | N | |
| 510.0 | 513.0 | 93.00 | 100.00 | | | N | |
| 513.0 | 516.0 | 100.00 | 100.00 | | | N | |
| 516.0 | 519.0 | 82.00 | 100.00 | | | N | |
| 519.0 | 522.0 | 93.00 | 100.00 | | | N | |
| 522.0 | 525.0 | 100.00 | 100.00 | | | N | |
| 525.0 | 528.0 | 100.00 | 100.00 | | | N | |
| 528.0 | 531.0 | 100.00 | 100.00 | | | N | |
| 531.0 | 534.0 | 100.00 | 100.00 | | | N | |
| 534.0 | 537.0 | 100.00 | 100.00 | | | N | |
| 537.0 | 540.0 | 97.00 | 100.00 | | | N | |

**Hole number:** KLUC18-517

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 540.0 | 543.0 | 87.00 | 100.00 | | | N | |
| 543.0 | 546.0 | 100.00 | 100.00 | | | N | |
| 546.0 | 549.0 | 100.00 | 100.00 | | | N | |
| 549.0 | 552.0 | 95.00 | 100.00 | | | N | |
| 552.0 | 555.0 | 90.00 | 100.00 | | | N | |
| 555.0 | 558.0 | 100.00 | 100.00 | | | N | |
| 558.0 | 561.0 | 90.00 | 100.00 | | | N | |
| 561.0 | 564.0 | 100.00 | 100.00 | | | N | |
| 564.0 | 567.0 | 100.00 | 100.00 | | | N | |
| 567.0 | 570.0 | 98.00 | 100.00 | | | N | |
| 570.0 | 573.0 | 98.00 | 100.00 | | | N | |
| 573.0 | 576.0 | 100.00 | 100.00 | | | N | |
| 576.0 | 579.0 | 100.00 | 100.00 | | | N | |
| 579.0 | 582.0 | 100.00 | 100.00 | | | N | |
| 582.0 | 585.0 | 100.00 | 100.00 | | | N | |
| 585.0 | 588.0 | 100.00 | 100.00 | | | N | |
| 588.0 | 591.0 | 100.00 | 100.00 | | | N | |
| 591.0 | 594.0 | 100.00 | 100.00 | | | N | |
| 594.0 | 597.0 | 100.00 | 100.00 | | | N | |
| 597.0 | 600.0 | 100.00 | 100.00 | | | N | |
| 600.0 | 603.0 | 100.00 | 100.00 | | | N | |
| 603.0 | 606.0 | 80.00 | 100.00 | | | N | |
| 606.0 | 609.0 | 83.00 | 100.00 | | | N | |
| 609.0 | 612.0 | 98.00 | 100.00 | | | N | |
| 612.0 | 615.0 | 100.00 | 100.00 | | | N | |
| 615.0 | 618.0 | 100.00 | 100.00 | | | N | |
| 618.0 | 621.0 | 97.00 | 100.00 | | | N | |
| 621.0 | 624.0 | 98.00 | 100.00 | | | N | |

**Hole number:** KLUC18-517

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 624.0 | 627.0 | 100.00 | 100.00 | | | N | |
| 627.0 | 630.0 | 100.00 | 100.00 | | | N | |
| 630.0 | 633.0 | 95.00 | 100.00 | | | N | |
| 633.0 | 636.0 | 97.00 | 100.00 | | | N | |
| 636.0 | 639.0 | 100.00 | 100.00 | | | N | |
| 639.0 | 642.0 | 100.00 | 100.00 | | | N | |
| 642.0 | 645.0 | 100.00 | 100.00 | | | N | |
| 645.0 | 648.0 | 100.00 | 100.00 | | | N | |
| 648.0 | 651.0 | 100.00 | 100.00 | | | N | |
| 651.0 | 654.0 | 98.00 | 100.00 | | | N | |
| 654.0 | 657.0 | 100.00 | 100.00 | | | N | |
| 657.0 | 660.0 | 100.00 | 100.00 | | | N | |
| 660.0 | 663.0 | 100.00 | 100.00 | | | N | |
| 663.0 | 666.0 | 98.00 | 100.00 | | | N | |
| 666.0 | 669.0 | 100.00 | 100.00 | | | N | |
| 669.0 | 672.0 | 100.00 | 100.00 | | | N | |
| 672.0 | 675.0 | 100.00 | 100.00 | | | N | |
| 675.0 | 678.0 | 100.00 | 100.00 | | | N | |

AGNICO EAGLE

# DRILL HOLE REPORT

## EXPLORATION CANADA ONTARIO

**Hole number:** KLUC18-518 **Project Number:** U_Canada **Project name:** Upper Canada

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Historic hole number:** | | **Collar survey:** | Y | **From:** | 0.0 | **Coordinates:** | P |
| **System:** | METRIC | **Verified:** | Y | **To:** | 273.0 | **Grid:** | UTM83-17_CSRS-2010: |
| **Target:** | UC_NORTHLAND | **Gas:** | N | **Depth:** | 273.0 | **North:** | 5,332,698.83 |
| **No. Claim:** | PAT-18821 | **Multishot survey:** | N | **Location:** | Surface | **East:** | 585,849.95 |
| **Year:** | 2 018 | **Is making water:** | N | **Core storage:** | Mine Site | **Elevation:** | 353.36 |
| **Date started:** | 11/19/2018 | **Object in hole:** | N | **Contractor:** | Major Diamond Drilling | **Collar dip:** | -46.35 |
| **Date logged:** | 2018-11-19 | **Pulse EM survey:** | N | **Logged by:** | Monica Oosterman | **Collar azimuth:** | 345.20 |
| **Date completed:** | 11/21/2018 | **Plugged:** | N | | | | |
| **Core size:** | NQ | **Cemented:** | N | **Signature:** | | | |
| **Hole type:** | EXP | **Branch:** | N | | | | |
| **Casing:** | Left in Hole, capped | **Reserve:** | | | | | |
| **Logging status:** | Signed | | | | | | |
| **Rig number:** | 0135 | | | | | | |

**Additional sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Planned hole number UCP18-089 (10 inch round shell). Will steepen head to 46 or 47 degrees)
Follow up hole to KLUC18-510 designed to intersect 75m east of 510 and approximately 25m below 10. Trying to stay on 70 degree plunge. Should expect to see mineralization along contact of syenitite.
Hole lost degrees on casing
Intersected similar rocks to what was seen in 510.

**Assay average**

| Average type | From | To | Length | Width | Zone | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Pb_ppm | Ni_ppm | As_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WEIGHTED | 2.3 | 260.5 | 258.2 | | | 0.573 | 0 | 0 | | 0 | 0 | |
| WEIGHTED | 2.3 | 260.5 | 258.2 | | | 0.573 | 0 | 0 | | 0 | 0 | |
| WEIGHTED | 2.3 | 260.5 | 258.2 | | | 0.573 | 0 | 0 | | 0 | 0 | |
| WEIGHTED | 6.0 | 14.0 | 8.0 | | | 2.506 | | | | | | |
| WEIGHTED | 30.5 | 40.0 | 9.5 | | | 1.453 | | | | | | |
| WEIGHTED | 30.5 | 40.0 | 9.5 | | | 1.453 | | | | | | |
| WEIGHTED | 54.9 | 63.9 | 9.0 | | | 1.343 | | | | | | |
| WEIGHTED | 54.9 | 63.9 | 9.0 | | | 1.343 | | | | | | |
| WEIGHTED | 97.0 | 99.8 | 2.8 | | | 2.093 | | | | | | |
| WEIGHTED | 97.0 | 99.8 | 2.8 | | | 2.093 | | | | | | |

## Hole number: KLUC18-518

### Assay average

| Average type | From | To | Length | Width | Zone | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Pb_ppm | Ni_ppm | As_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WEIGHTED | 119.3 | 132.5 | 13.2 | | | 2.196 | | | | | | |
| WEIGHTED | 119.3 | 132.5 | 13.2 | | | 2.196 | | | | | | |
| WEIGHTED | 147.0 | 152.0 | 5.0 | | | 1.629 | | | | | | |
| WEIGHTED | 147.0 | 152.0 | 5.0 | | | 1.629 | | | | | | |
| WEIGHTED | 163.5 | 169.0 | 5.5 | | | 1.359 | | | | | | |
| WEIGHTED | 163.5 | 169.0 | 5.5 | | | 1.359 | | | | | | |

### Survey data

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 345.19 | -46.35 | S | O | ONLY DONE ON CASING NOT WHEN DRILL WAS ON SITE |
| 45.0 | 351.40 | -44.60 | EZ | O | 55145 |
| 105.0 | 348.70 | -44.50 | EZ | O | 55533 |
| 165.0 | 350.40 | -44.40 | EZ | O | 54554 |
| 225.0 | 353.20 | -44.30 | EZ | O | 55436 |
| 15.0 | 349.20 | -44.70 | EZ | O | 55419 |
| 75.0 | 349.80 | -44.50 | EZ | O | 54532 |
| 135.0 | 351.00 | -44.40 | EZ | O | 54488 |
| 195.0 | 350.10 | -44.40 | EZ | O | 54892 |

| Certificate |
|---|
| A19-813 |
| TM18303811 |
| TM18303849 |
| TM18308560 |
| TM18308576 |
| TM18311986 |
| TM18311992 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505D18-017 | Excaon1 | CAOND115912 - CAOND115958<br>CAOND116501 - CAOND116534 |
| CXE5505D18-018 | Excaon1 | CAOND114171 - CAOND114301<br>CAOND115959 - CAOND116000<br>CAOND116535 - CAOND116688<br>CAOND116716 |
| CXE5505D18-019 | Excaon1 | CAOND114302 - CAOND114383<br>CAOND116689 - CAOND116715<br>CAOND116717 - CAOND116766 |
| CXE5505D18WRA-005 | Excaon2-WRA | CAOND115914<br>CAOND116526 |
| CXE5505D18WRA-006 | Excaon2-WRA | CAOND114216<br>CAOND114293<br>CAOND115997<br>CAOND116574 |
| CXE5505D18WRA-007 | Excaon2-WRA | CAOND116711<br>CAOND116765 |
| CXE5505D19-071 | Excaon1 | CAOND114322 |

| Sample number | Standard |
|---|---|
| CAOND116515 | CDN-CM-24-AEM |
| CAOND116520 | BLANK-DB |
| CAOND116530 | CDN-GS-5U-AEM |
| CAOND116545 | CDN-CM-28-AEM |
| CAOND116560 | CDN-CM-24-AEM |
| CAOND116570 | BLANK-DB |
| CAOND116575 | CDN-GS-5U-AEM |
| CAOND116590 | CDN-CM-28-AEM |
| CAOND116615 | CDN-CM-24-AEM |
| CAOND116620 | BLANK-DB |
| CAOND116630 | CDN-GS-5U-AEM |
| CAOND116645 | CDN-CM-28-AEM |
| CAOND116660 | CDN-CM-24-AEM |
| CAOND116670 | BLANK-DB |
| CAOND116675 | CDN-GS-5U-AEM |

**Hole number:** KLUC18-518

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND114326 |
| | | CAOND114329 |
| | | CAOND114344 |
| | | CAOND114351 |
| | | CAOND114383 |
| | | CAOND114423 |
| | | CAOND114436 |
| | | CAOND114443 |
| | | CAOND114446 |
| | | CAOND114454 |
| | | CAOND114458 |
| | | CAOND116718 |
| | | CAOND116726 |
| | | CAOND116858 |
| | | CAOND116861 |
| | | CAOND116872 |
| | | CAOND116903 |
| | | CAOND116918 |
| | | CAOND116944 |
| | | CAOND116952 |
| | | CAOND116957 |
| | | CAOND116977 |
| | | CAOND116988 |
| | | CAOND117059 |
| | | CAOND117063 |
| | | CAOND117069 - CAOND117070 |
| | | CAOND117091 |
| | | CAOND117117 |
| | | CAOND117121 |
| | | CAOND117134 |
| | | CAOND117146 |
| | | CAOND117169 |
| | | CAOND117177 |
| | | CAOND117193 |
| | | CAOND117197 |
| | | CAOND117232 |
| | | CAOND117251 |
| | | CAOND117276 |
| | | CAOND117285 |
| | | CAOND117287 |
| | | CAOND117307 |
| | | CAOND117317 |
| | | CAOND117348 |

| Sample number | Standard |
|---|---|
| CAOND116690 | CDN-CM-28-AEM |
| CAOND116715 | CDN-CM-24-AEM |
| CAOND116720 | BLANK-DB |
| CAOND116730 | CDN-GS-5U-AEM |
| CAOND116745 | CDN-CM-28-AEM |

**Hole number:** KLUC18-518

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND117352 - CAOND117354 |
| | | CAOND117367 |
| | | CAOND117376 |
| | | CAOND117408 |
| | | CAOND117410 |
| | | CAOND117431 |
| | | CAOND117467 |
| | | CAOND117489 |
| | | CAOND117492 - CAOND117493 |
| | | CAOND117501 |
| | | CAOND117563 - CAOND117564 |
| | | CAOND117591 |
| | | CAOND117596 |
| | | CAOND117619 |
| | | CAOND117622 |
| | | CAOND117631 - CAOND117632 |
| | | CAOND117670 |
| | | CAOND117678 - CAOND117679 |
| | | CAOND117681 |
| | | CAOND117691 |
| | | CAOND117696 |
| | | CAOND117732 - CAOND117733 |
| | | CAOND117761 |
| | | CAOND117778 |
| | | CAOND117788 |
| | | CAOND117803 |
| | | CAOND117817 |
| | | CAOND117863 |
| | | CAOND117871 |
| | | CAOND117936 |
| | | CAOND117981 |
| | | CAOND118114 |
| | | CAOND118135 |
| | | CAOND118143 |
| | | CAOND118145 |
| | | CAOND118236 |
| | | CAOND118251 |
| | | CAOND118287 |
| | | CAOND118301 |
| | | CAOND118316 |
| | | CAOND118319 |
| | | CAOND118346 |
| | | CAOND118351 |

**Hole number:** KLUC18-518

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND118381 |
| | | CAOND118395 |
| | | CAOND118410 |
| | | CAOND118436 |
| | | CAOND118463 |
| | | CAOND118479 |
| | | CAOND118481 |
| | | CAOND118539 |
| | | CAOND118556 |
| | | CAOND118618 |
| | | CAOND118631 |
| | | CAOND118664 |
| | | CAOND118684 |
| | | CAOND118686 |
| | | CAOND118688 |
| | | CAOND118707 |
| | | CAOND118720 |
| | | CAOND118754 |
| | | CAOND118793 |
| | | CAOND118829 |
| | | CAOND118835 |
| | | CAOND118851 |
| | | CAOND118859 |
| | | CAOND118862 |
| | | CAOND118897 |
| | | CAOND118933 |
| | | CAOND118941 |
| | | CAOND118947 |
| | | CAOND118954 |
| | | CAOND118966 |
| | | CAOND118981 |
| | | CAOND119502 |
| | | CAOND119526 |
| | | CAOND119551 |
| | | CAOND119564 |
| | | CAOND119569 |
| | | CAOND119571 |
| | | CAOND119573 |
| | | CAOND119583 |
| | | CAOND119585 |
| | | CAOND119591 |
| | | CAOND119621 |
| | | CAOND119645 |

**Hole number:** KLUC18-518

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND119677<br>CAOND119771<br>CAOND119802<br>CAOND119809<br>CAOND119817<br>CAOND119841<br>CAOND119846<br>CAOND119873<br>CAOND119913<br>CAOND119918<br>CAOND120032 - CAOND120033<br>CAOND120048<br>CAOND120081<br>CAOND120085<br>CAOND120118<br>CAOND120170<br>CAOND120183<br>CAOND120361<br>CAOND120371<br>CAOND120381<br>CAOND120399<br>CAOND120422<br>CAOND120481<br>CAOND120512<br>CAOND120566 - CAOND120567<br>CAOND120569<br>CAOND120581<br>CAOND120618<br>CAOND120632<br>CAOND120637<br>CAOND120643<br>CAOND120658<br>CAOND120685<br>CAOND120687<br>CAOND120692<br>CAOND120701<br>CAOND120712 |
| CXE5505R19-025 | Excaon1 | CAOND109014<br>CAOND109018<br>CAOND109034<br>CAOND109038<br>CAOND109053<br>CAOND109056 |

**Hole number:** KLUC18-518

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND109067 |
| | | CAOND109072 |
| | | CAOND109211 |
| | | CAOND109287 |
| | | CAOND109291 |
| | | CAOND109294 |
| | | CAOND109296 |
| | | CAOND109318 |
| | | CAOND109357 |
| | | CAOND109369 |
| | | CAOND109435 |
| | | CAOND109438 |
| | | CAOND109495 |
| | | CAOND109503 |
| | | CAOND109528 |
| | | CAOND109535 |
| | | CAOND109557 |
| | | CAOND109564 |
| | | CAOND109674 |
| | | CAOND109677 |
| | | CAOND109689 |
| | | CAOND109691 |
| | | CAOND109704 |
| | | CAOND109710 |
| | | CAOND109729 |
| | | CAOND109751 |
| | | CAOND109757 |
| | | CAOND109764 |
| | | CAOND109781 |
| | | CAOND109787 |
| | | CAOND109796 - CAOND109797 |
| | | CAOND109818 |
| | | CAOND109836 |
| | | CAOND109839 |
| | | CAOND109874 - CAOND109875 |
| | | CAOND109890 |
| | | CAOND109940 |
| | | CAOND109974 |
| | | CAOND109984 |
| | | CAOND110011 |
| | | CAOND110056 - CAOND110057 |
| | | CAOND110062 |
| | | CAOND110073 |

**Hole number:** KLUC18-518

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND110113 |
| | | CAOND110161 |
| | | CAOND110163 |
| | | CAOND110174 |
| | | CAOND110198 |
| | | CAOND110213 |
| | | CAOND110236 |
| | | CAOND110240 |
| | | CAOND110249 |
| | | CAOND110261 |
| | | CAOND110270 |
| | | CAOND110322 |
| | | CAOND110328 |
| | | CAOND110340 |
| | | CAOND110355 |
| | | CAOND110362 |
| | | CAOND110379 |
| | | CAOND110382 - CAOND110383 |
| | | CAOND110398 |
| | | CAOND110434 |
| | | CAOND110438 |
| | | CAOND110441 |
| | | CAOND110443 |
| | | CAOND110468 |
| | | CAOND110496 |
| | | CAOND110502 |
| | | CAOND110514 |
| | | CAOND110523 |
| | | CAOND110539 |
| | | CAOND110544 |
| | | CAOND110552 |
| | | CAOND110572 |
| | | CAOND110593 - CAOND110595 |
| | | CAOND110603 |
| | | CAOND110633 |
| | | CAOND110664 - CAOND110665 |
| | | CAOND110683 |
| | | CAOND110694 |
| | | CAOND110710 |
| | | CAOND110712 - CAOND110713 |
| | | CAOND110808 |
| | | CAOND110813 |
| | | CAOND110837 |

**Hole number:** KLUC18-518

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND110871 |
| | | CAOND110885 |
| | | CAOND110948 |
| | | CAOND110951 |
| | | CAOND110956 |
| | | CAOND110978 |
| | | CAOND111098 |
| | | CAOND111129 |
| | | CAOND111178 |
| | | CAOND111262 |
| | | CAOND111277 |
| | | CAOND111286 |
| | | CAOND111385 |
| | | CAOND111446 |
| | | CAOND111448 |
| | | CAOND111455 |
| | | CAOND111481 |
| | | CAOND111513 |
| | | CAOND111529 |
| | | CAOND111558 |
| | | CAOND111606 |
| | | CAOND111629 |
| | | CAOND111634 |
| | | CAOND111673 |
| | | CAOND111686 |
| | | CAOND111690 |
| | | CAOND111709 |
| | | CAOND111734 |
| | | CAOND111747 |
| | | CAOND111752 |
| | | CAOND111763 |
| | | CAOND111774 |
| | | CAOND111794 |
| | | CAOND111806 |
| | | CAOND111838 |
| | | CAOND111842 |
| | | CAOND111876 |
| | | CAOND111878 |
| | | CAOND111881 |
| | | CAOND111889 |
| | | CAOND111913 |
| | | CAOND111954 |
| | | CAOND111988 |

**Hole number:** KLUC18-518

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND112048 |
| | | CAOND112084 |
| | | CAOND112097 |
| | | CAOND112123 |
| | | CAOND112128 |
| | | CAOND112154 |
| | | CAOND112187 |
| | | CAOND112214 |
| | | CAOND112218 |
| | | CAOND112223 - CAOND112224 |
| | | CAOND112263 |
| | | CAOND112286 |
| | | CAOND112309 |
| | | CAOND112410 |
| | | CAOND112434 |
| | | CAOND112474 |
| | | CAOND112485 |
| | | CAOND112505 |
| | | CAOND112513 |
| | | CAOND112537 |
| | | CAOND112559 |
| | | CAOND112584 |
| | | CAOND112606 |
| | | CAOND112632 |
| | | CAOND112676 |
| | | CAOND112704 |
| | | CAOND112757 |
| | | CAOND112789 |
| | | CAOND112794 |
| | | CAOND112798 |
| | | CAOND112811 - CAOND112812 |
| | | CAOND112832 |
| | | CAOND112837 |
| | | CAOND112846 |
| | | CAOND112855 |
| | | CAOND112865 |
| | | CAOND112917 |
| | | CAOND112937 |
| | | CAOND112957 |
| | | CAOND112971 |
| | | CAOND113672 |
| | | CAOND113777 |
| | | CAOND113779 |

**Hole number:** KLUC18-518

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND113781 |
| | | CAOND113789 |
| | | CAOND114014 |
| | | CAOND114020 |
| | | CAOND114187 |
| | | CAOND114221 |
| | | CAOND114264 |
| | | CAOND114276 |
| | | CAOND115912 |
| | | CAOND115926 |
| | | CAOND115942 |
| | | CAOND115959 |
| | | CAOND115962 |
| | | CAOND115999 |
| | | CAOND116503 |
| | | CAOND116522 |
| | | CAOND116533 |
| | | CAOND116542 |
| | | CAOND116618 |
| | | CAOND116620 |
| | | CAOND116633 |
| | | CAOND116642 |
| | | CAOND116658 |
| | | CAOND116660 |
| | | CAOND116673 |

*The sample list may content samples from other holes

**Major:** **From:** 0.00 **To:** 2.30 OVB, Overburden

Casing to 3m

**Major:** **From:** 2.30 **To:** 32.30 V8t, Trachytic tuff

Mineralized Trachyte tuff (undeformed) - Dark Grey, Massive, strongly magnetic, fine grained with about 1% scattered; angular; black; shards. Calcite stringer are seen as thin hairline stringers to 2cm wide stringers. Most of the veining comprises 1-2% thready/ gashy white calcite +/-Quartz fractures and veinlets with local scattered Mineralization ranges from trace to 5% majority of pyrite is disseminated fine grained but locally there are thin stringers and clotts of sulphide, stringer pyrite forming with calcite and quartz and fracture controlled pyrite. Chorite forms assoicated with some calcite + quartz stringer. Calcite stringer are common but only average 1%. in general the calcite stringers form at 30 to 50 degrees. Isolated section may contain more stringers. In general the rock in undeforemed and weakly altered with only small cm scale shears (foliated) which tent to have stringers of pyrite and potassic alteration.

**MINOR INTERVAL**

7.50 - 8.20: I2DMineralized syentite dyke

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND116501 | 2.3 | 3.1 | 0.8 | 0.306 | | | | |
| CAOND116502 | 3.1 | 3.8 | 0.8 | 0.823 | | | | |
| CAOND116503 | 3.8 | 4.8 | 1.0 | 0.206 | | | | |
| CAOND116504 | 4.8 | 6.0 | 1.2 | 0.460 | | | | |
| CAOND116505 | 6.0 | 7.5 | 1.5 | 0.507 | | | | |
| CAOND116506 | 7.5 | 8.2 | 0.7 | 1.070 | | | | |
| CAOND116507 | 8.2 | 9.1 | 0.9 | 1.710 | | | | |
| CAOND116508 | 9.1 | 9.8 | 0.8 | 2.340 | | | | |
| CAOND116509 | 9.8 | 11.3 | 1.5 | 2.150 | | | | |

**Hole number:** KLUC18-518

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

2.30, 3.80, PYR, STG, 5.00, -, FGR, Stringer and ragged blebby pyrite. Stringers are discontinous and randomly orientated.
3.80, 7.50, PYR, DIS, .10, -, -, -
7.50, 8.20, PYR, DIS, 5.00, -, FGR, Disseminated pyrite it syentite
9.05, 9.80, PYR, STG, 5.00, -, FGR, Stringer and disseminated pyrite
9.35, 9.50, PYR, STG, 15.00, -, FGR, thin hairline stringers associated with calcite form at 50 degree
9.80, 12.80, PYR, STG, 3.00, -, FGR, ragged stringers and clusters of pyrite.
12.80, 23.90, PYR, DIS, .50, -, FGR, Isolated disseminated clotts and dissemianted pyrite
23.90, 29.00, PYR, BBY, 3.00, -, FGR, Clusters of pyrite 0.3 cm wide
29.00, 32.00, PYR, DIS, .10, -, FGR, Odd isolated cluster of pyrite
32.00, 32.30, PYR, DIS, 8.00, -, FGR, mineralized syentite

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

2.90, 32.30, CHL+, STG, WEAK, RED_00001, FGR, -, Seen associated with the calcite stringers
9.35, 9.50, K+, SEL, MOD, PNK2_BASIC, FGR, -, Pink potassic alteration associated with pyrite stringer and calcite stringers.
15.20, 18.60, EPD+, SEL, WEAK, GRN2_BASIC, FGR, -, apple green alteration associated with ragged pyrite stringers
23.90, 32.00, EPD+, SPO, WEAK, GRN2_BASIC, FGR, -, apple green spots of alteration 0.5cm wide 0.5%

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

6.70, 7.20, BRR, -, -, -, -, -, -
8.20, 8.21, CCT, -, 50.00, -, -, -, sharp wavy contact
14.00, 14.50, FRA, MOD, 10.00, -, -, -, low angle fractures
18.60, 19.30, FRA, MOD, 10.00, -, -, -, low angle fractures

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

2.90, 32.30, CAL, .30, 50.00, -, -, -, GRY_00025, -, MAS, PYR, -, -
7.50, 9.80, CAL, 10.00, 50.00, -, -, -, GRY_00025, -, STG, PYR, 5.00, -
9.35, 9.50, PYR, 15.00, 50.00, -, -, -, -, .20, STG, PYR, 15.00, -
10.30, 12.80, CAL, 5.00, 50.00, -, -, -, GRY_00025, .30, STG, PYR, 8.00, -

**MINERAL**

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND116510 | 11.3 | 12.8 | 1.5 | 7.650 | | | | |
| CAOND116511 | 12.8 | 14.0 | 1.2 | 0.527 | | | | |
| CAOND116512 | 14.0 | 15.5 | 1.5 | 0.219 | | | | |
| CAOND116513 | 15.5 | 17.0 | 1.5 | 0.513 | | | | |
| CAOND116514 | 17.0 | 18.5 | 1.5 | 0.891 | | | | |
| CAOND116516 | 18.5 | 20.0 | 1.5 | 0.382 | | | | |
| CAOND116517 | 20.0 | 21.5 | 1.5 | 0.340 | | | | |
| CAOND116518 | 21.5 | 23.0 | 1.5 | 0.190 | | | | |
| CAOND116519 | 23.0 | 23.9 | 0.9 | 0.122 | | | | |
| CAOND116521 | 23.9 | 25.0 | 1.1 | 0.064 | | | | |
| CAOND116522 | 25.0 | 26.5 | 1.5 | 0.077 | | | | |
| CAOND116523 | 26.5 | 28.0 | 1.5 | 0.365 | | | | |
| CAOND116524 | 28.0 | 29.0 | 1.0 | 0.603 | | | | |
| CAOND116526 | 29.0 | 30.5 | 1.5 | 0.280 | 0.250 | 16 | 68 | |
| CAOND116527 | 30.5 | 32.3 | 1.8 | 0.605 | | | | |

**Hole number:** KLUC18-518

2.90, 32.30, MAG, PEN, -, RED_00001, -, -
2.90, 32.30, CAL, STG, .50, -, -, -

**Major:** **From:** 32.30 **To:** 34.45 I2Dp, Porphyritic Syenite

Mineralized syenitite porphyry (Undeformed) - Purple, weakly non-magnetic, and calcite only seen assoicated with fractures and stringers, Massive unit. Matrix supported with 10% white spots of feldspar up to 0.3cm long. Upper and lower contacts are sharp at 50 degrees. Minor calcite stringers which may contian chlorite. Unit is contians 8% disseminated mg pyrite.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
32.30, 34.45, PYR, DIS, 8.00, -, FGR, mineralized syentite

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
32.30, 34.05, HEM+, PEN, MOD, RED2_BASIC, FGR, -, -

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS
32.30, 34.45, CAL, .30, 50.00, -, -, -, GRY_00025, -, MAS, PYR, -, -

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
32.30, 34.45, MAG, PEN, -, RED_00001, -, -
32.30, 34.45, CAL, STG, .50, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND116528 | 32.3 | 33.3 | 1.0 | 3.980 | | | | |
| CAOND116529 | 33.3 | 34.5 | 1.2 | 4.080 | | | | |

**Major:** **From:** 34.45 **To:** 35.05 V8t, Trachytic tuff

Mineralized V8 - Fine grained grey green rock, minor calcite stringers. Irregular pyrite stringers and ragged blebs through out unit ~15%. Sharp lower contact at 50 degree.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
34.45, 35.05, PYR, STG, 15.00, -, FGR, Irregular ragged stringers discontinous

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
34.45, 34.46, UPC, -, 50.00, -, -, -, sharp and wavy

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS
34.45, 35.05, CAL, .30, 50.00, -, -, -, GRY_00025, -, MAS, PYR, -, -

**MINERAL**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND116531 | 34.5 | 35.1 | 0.6 | 1.055 | | | | |

**Hole number:** KLUC18-518

TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
34.45, 35.05, MAG, PEN, -, RED_00001, -, -
34.45, 35.05, CAL, STG, .50, -, -, -

**Major:** **From:** 35.05 **To:** 38.55 I2Dp, Porphyritic Syenite

Mineralized syenitite porphyry (Undeformed) - Dark brick red, non-magnetic, rare calcite stringer, Massive. black fracture filling thought to be chlorite. Mottled textured. Matrix supported with 10% white laths of feldspar up to 0.3cm long. lower contact is 40 degrees. Unit is contians 3% disseminated mg pyrite.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
35.05, 38.55, PYR, DIS, 3.00, -, FGR, mineralized syenite

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
35.05, 35.50, HEM+, PEN, MOD, RED2_BASIC, FGR, -, -

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
35.05, 35.06, UPC, -, 70.00, -, -, -, sharp

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
35.05, 38.55, CAL, .30, 50.00, -, -, -, GRY_00025, -, MAS, PYR, -, -

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
35.05, 38.55, CAL, STG, .50, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND116532 | 35.1 | 36.0 | 1.0 | 0.929 | | | | |
| CAOND116533 | 36.0 | 37.5 | 1.5 | 0.559 | | | | |
| CAOND116534 | 37.5 | 38.6 | 1.0 | 0.772 | | | | |

**Major:** **From:** 38.55 **To:** 53.00 V8t, Trachytic tuff

Mineralized Trachyte tuff (undeformed) - Dark Grey, Massive, strongly magnetic, fine grained with about trace to 0.5% scattered; angular; black; shards. Calcite stringer are seen as thin hairline stringers to 2cm wide stringers. Most of the veining comprises 1-2% thready/ gashy white calcite +/-Quartz fractures and veinlets with local scattered. Cholorite seen in some stringers. Mineralization ranges from trace to 5% majority of pyrite is disseminated fine grained but locally there are thin stringersof sulphide, stringer pyrite forming with calcite and quartz and fracture controlled pyrite. Chorite forms assoicated with some calcite + quartz stringer. Calcite stringer are common but only average 1%. in general the calcite stringers form at 30 to 50 degrees. In general the rock in undeforemed and weakly altered

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
38.55, 40.80, PYR, DIS, .10, -, FGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND116535 | 38.6 | 40.0 | 1.5 | 0.603 | | | | |
| CAOND116536 | 40.0 | 40.8 | 0.8 | 0.060 | | | | |
| CAOND116537 | 40.8 | 41.6 | 0.8 | 0.694 | | | | |
| CAOND116538 | 41.6 | 42.6 | 1.0 | 1.150 | | | | |
| CAOND116539 | 42.6 | 43.6 | 1.0 | 0.233 | | | | |
| CAOND116540 | 43.6 | 44.5 | 1.0 | 0.348 | | | | |
| CAOND116541 | 44.5 | 45.3 | 0.8 | 0.150 | | | | |
| CAOND116542 | 45.3 | 46.6 | 1.3 | 0.243 | | | | |
| CAOND116543 | 46.6 | 48.0 | 1.4 | 0.318 | | | | |

**Hole number:** KLUC18-518

40.80, 42.60, PYR, STG, 1.00, -, FGR, ragged stringers, patchy and isolated
42.60, 43.55, PYR, DIS, .10, -, -, -
43.55, 44.50, PYR, STG, 5.00, -, FGR, ragged stringers and disseminated sulphides
44.50, 45.30, PYR, DIS, .10, -, FGR, rare sulphide
45.30, 46.60, PYR, STG, .50, -, FGR, dissemianted sulphide and one stringer with good alteration
45.40, 45.45, PYR, STG, 50.00, -, FGR, stringer of sulphide
45.45, 46.60, PYR, DIS, .10, -, -, -
46.60, 46.70, PYR, SMA, 20.00, -, MGR, Dismembered calcite stringer with mg blebby pyrite
46.70, 53.00, PYR, DIS, .10, -, -, -

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
38.55, 38.56, UPC, -, 50.00, -, -, -, sharp
47.80, 48.00, BRR, -, -, -, -, -, -

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
38.55, 53.00, CAL, .30, 50.00, -, -, -, GRY_00025, -, MAS, PYR, -, -
46.60, 46.70, CAL, 1.00, 60.00, -, -, -, GRY_00025, .30, STG, PYR, 20.00, -

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
38.55, 53.00, CAL, STG, .50, -, -, -
38.55, 53.00, MAG, -, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND116544 | 48.0 | 49.5 | 1.5 | 0.186 | | | | |
| CAOND116546 | 49.5 | 51.0 | 1.5 | 0.390 | | | | |
| CAOND116547 | 51.0 | 52.0 | 1.0 | 1.050 | | | | |
| CAOND116548 | 52.0 | 53.0 | 1.0 | 0.928 | | | | |

**Major:** **From:** 53.00 **To:** 119.30 V8Gs, Trachyte green spotted

Mineralized Tracyte tuff with epidote alteration (undeformed) - Dark Grey, with green spots (1cm wide consiting of epidote + calcite + pyrite. Massive, strongly magnetic, fine grained with about minor scattered; ehhedral; black; amphibole laths and black shards. Minor stringers of calcite +/- quartz. Most of the veining comprises 1% thready/ gashy white calcite + Quartz fractures In general mineralization is seen as fine grained disseminated sulphide with isolated semi massive pyrite stringers with potassic and calcite alteration. Stringers form at about 50 degrees.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
53.00, 55.80, PYR, BBY, 3.00, -, FGR, rounded cluster of pyrite often associated with epidote
54.85, 55.00, PYR, STG, 10.00, -, FGR, Dismembered pyrite stringer associated with calcite. Ragged looking sulphide
55.00, 69.00, PYR, BBY, .50, -, FGR, Isolated blebs and stringers often associated with epidote
59.10, 59.25, PYR, SMA, 10.00, -, FGR, Semis massive stringer assoicated with calcite stringer.
63.25, 63.30, PYR, SMA, 50.00, -, MGR, semi-massive stringer associated with calcite stringer.
63.85, 63.86, PYR, STG, 80.00, -, FGR, mm wide stringer of massive pyrite
63.86, 90.00, PYR, BBY, .10, -, FGR, isolated blebs in epidote spotts and odd hairline stringer of pyrite.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND116549 | 53.0 | 54.0 | 1.0 | 0.349 | | | | |
| CAOND116551 | 54.0 | 54.9 | 0.9 | 0.118 | | | | |
| CAOND116552 | 54.9 | 55.8 | 1.0 | 6.050 | | | | |
| CAOND116553 | 55.8 | 56.7 | 0.9 | 0.921 | | | | |
| CAOND116554 | 56.7 | 57.5 | 0.8 | 0.562 | | | | |
| CAOND116555 | 57.5 | 59.0 | 1.5 | 0.936 | | | | |
| CAOND116556 | 59.0 | 60.0 | 1.0 | 0.718 | | | | |
| CAOND116557 | 60.0 | 61.5 | 1.5 | 0.927 | | | | |
| CAOND116558 | 61.5 | 63.0 | 1.5 | 0.410 | | | | |
| CAOND116559 | 63.0 | 63.9 | 0.9 | 1.100 | | | | |
| CAOND116561 | 63.9 | 65.0 | 1.2 | 0.129 | | | | |
| CAOND116562 | 65.0 | 66.5 | 1.5 | 0.275 | | | | |
| CAOND116563 | 66.5 | 68.0 | 1.5 | 0.041 | | | | |

**Hole number:** KLUC18-518

90.00, 93.60, PYR, STG, 3.00, -, FGR, Hairline stringers (fracture infill) of pyrite with some blebs in epidote
93.60, 94.70, PYR, DIS, .10, -, FGR, trace to no sulphide
94.70, 97.70, PYR, FRF, 3.00, -, FGR, hairline stringer/fracture infill
97.70, 98.70, PYR, FRF, 10.00, -, FGR, Calcite infilled fractures/stringers with disseminated pyrite in stringers.
98.70, 99.80, PYR, DIS, 1.00, -, FGR, isolated blebs and dissemianted sulphides.
99.80, 101.15, PYR, DIS, 5.00, -, FGR, dissemianted pyrite and isolated blebs with epdiote
101.15, 102.20, PYR, -, -, -, -, isolated blebs with some disseminated sulphide
102.20, 104.75, PYR, STG, 5.00, -, FGR, disseminated and stringer pyrite.
104.75, 105.90, PYR, STG, 10.00, -, FGR, very fine grained dusting of pyrite and isolated stringers with forms with calcite stringers.
105.90, 108.70, PYR, DIS, .10, -, FGR, Trace sulphide
108.70, 109.30, PYR, STG, 10.00, -, FGR, Two isolated stringers associated with calcite stringers. proximal to stringer 20 % sulphide
109.30, 114.30, PYR, STG, .50, -, FGR, isolated hairline stringers of pyrite (Fracture filling)
114.30, 115.15, PYR, STG, 3.00, -, FGR, stingers asociated with calcite +/- quartz. Fine grained disseminated sulphide also present. 10 cm wide quartz calcite vein in sample
115.15, 119.30, PYR, DIS, .10, -, FGR, trace disseminated suphide

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

53.00, 119.30, EPD+, SPO, MOD, GRN2_BASIC, FGR, -, Clotts of epidote up to 1cm wide
87.85, 88.40, K+, SEL, MOD, PNK2_BASIC, FGR, -, Pink alteration adjacent calcite stringers. weak pervasive alteration as well
94.70, 95.80, K+, PEN, WEAK, PNK2_BASIC, FGR, -, light pink alteration

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

53.00, 69.00, CAL, .30, 50.00, -, -, -, GRY_00025, -, MAS, PYR, -, -
54.85, 55.00, PYR, 2.00, 30.00, -, -, -, -, 1.00, STG, PYR, 2.00, massive disconintous stringer
59.00, 59.25, CAL, 5.00, 30.00, -, -, -, GRY_00025, .50, STG, PYR, 15.00, fine grained disseminated pyrite adjacent calcite stringer
63.25, 63.30, PYR, 50.00, 60.00, -, -, -, -, 2.00, STG, PYR, 50.00, -
80.70, 91.00, CAL, 10.00, 30.00, -, -, -, GRY_00025, 1.50, STG, -, -, wider calcite vein then typical in this unit
87.85, 88.40, CAL, 1.00, 40.00, -, -, -, GRY_00025, .50, BOD, PYR, .10, discontious stringers of calcite with potassic alteration
94.70, 98.70, CAL, 5.00, -, -, -, -, GRY_00025, .20, STG, PYR, 5.00, Irregular randomly oriented network of calcite veins
102.20, 106.00, CAL, 3.00, 60.00, -, -, -, GRY_00025, .10, STG, PYR, 5.00, Thin irregular calcite

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND116564 | 68.0 | 69.5 | 1.5 | 0.036 | | | | |
| CAOND116565 | 69.5 | 71.0 | 1.5 | 0.067 | | | | |
| CAOND116566 | 71.0 | 72.5 | 1.5 | 0.029 | | | | |
| CAOND116567 | 72.5 | 74.0 | 1.5 | 0.021 | | | | |
| CAOND116568 | 74.0 | 75.5 | 1.5 | 0.056 | | | | |
| CAOND116569 | 75.5 | 77.0 | 1.5 | 0.012 | | | | |
| CAOND116571 | 77.0 | 78.5 | 1.5 | 0.019 | | | | |
| CAOND116572 | 78.5 | 80.0 | 1.5 | 0.018 | | | | |
| CAOND116573 | 80.0 | 81.5 | 1.5 | 0.018 | | | | |
| CAOND116574 | 81.5 | 83.0 | 1.5 | 0.031 | 0.250 | 17 | 87 | |
| CAOND116576 | 83.0 | 84.5 | 1.5 | 0.085 | | | | |
| CAOND116577 | 84.5 | 86.0 | 1.5 | 0.032 | | | | |
| CAOND116578 | 86.0 | 87.5 | 1.5 | 0.036 | | | | |
| CAOND116579 | 87.5 | 89.0 | 1.5 | 0.662 | | | | |
| CAOND116581 | 89.0 | 90.0 | 1.0 | 0.202 | | | | |
| CAOND116582 | 90.0 | 91.0 | 1.0 | 0.138 | | | | |
| CAOND116583 | 91.0 | 92.1 | 1.1 | 0.157 | | | | |
| CAOND116584 | 92.1 | 93.6 | 1.5 | 0.063 | | | | |
| CAOND116585 | 93.6 | 94.7 | 1.1 | 0.032 | | | | |
| CAOND116586 | 94.7 | 96.0 | 1.3 | 0.225 | | | | |
| CAOND116587 | 96.0 | 97.0 | 1.0 | 0.291 | | | | |
| CAOND116588 | 97.0 | 97.7 | 0.7 | 0.840 | | | | |
| CAOND116589 | 97.7 | 98.7 | 1.0 | 3.260 | | | | |
| CAOND116591 | 98.7 | 99.8 | 1.1 | 1.830 | | | | |
| CAOND116592 | 99.8 | 101.2 | 1.4 | 0.494 | | | | |
| CAOND116593 | 101.2 | 102.2 | 1.1 | 0.640 | | | | |
| CAOND116594 | 102.2 | 103.4 | 1.2 | 0.429 | | | | |
| CAOND116595 | 103.4 | 104.8 | 1.4 | 0.233 | | | | |
| CAOND116596 | 104.8 | 105.9 | 1.2 | 0.525 | | | | |
| CAOND116597 | 105.9 | 107.5 | 1.6 | 0.278 | | | | |
| CAOND116598 | 107.5 | 108.7 | 1.2 | 0.103 | | | | |
| CAOND116599 | 108.7 | 109.3 | 0.6 | 0.544 | | | | |
| CAOND116601 | 109.3 | 111.0 | 1.7 | 0.074 | | | | |

**Hole number:** KLUC18-518

stringers.
115.05, 115.15, CTZ, 95.00, 60.00, -, -, -, GRY_00025, 10.00, VEN, PYR, 1.00, sharp pink white vein of calcite and quartz

**MINERAL**
TYPE/STYLE/PCT/MNL_COLOR/GRAIN_SIZE/COMMENTS
53.00, 69.00, CAL, STG, .50, -, -, -
53.00, 69.00, MAG, -, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND116602 | 111.0 | 112.5 | 1.5 | 0.247 | | | | |
| CAOND116603 | 112.5 | 113.5 | 1.0 | 1.100 | | | | |
| CAOND116604 | 113.5 | 114.3 | 0.8 | 0.056 | | | | |
| CAOND116605 | 114.3 | 115.2 | 0.9 | 0.180 | | | | |
| CAOND116606 | 115.2 | 116.1 | 1.0 | 0.045 | | | | |
| CAOND116607 | 116.1 | 116.8 | 0.7 | 0.104 | | | | |
| CAOND116608 | 116.8 | 117.5 | 0.8 | 0.412 | | | | |
| CAOND116609 | 117.5 | 118.5 | 1.0 | 0.069 | | | | |
| CAOND116610 | 118.5 | 119.3 | 0.8 | 0.207 | | | | |

**Major:** **From:** 119.30 **To:** 132.50 V8t, Trachytic tuff

Mineralized Trachyte tuff (undeformed) - Dark Grey, Massive, moderately magnetic, fine grained with about trace to 1% scattered; angular; black; shards. Calcite stringer are seen as thin hairline stringers to 2cm wide stringers. Most of the veining comprises 1-2% thready/ gashy white calcite +/-Quartz fractures and veinlets with local scattered. Mineralization is 5-10% majority of pyrite is disseminated fine grained and with in low angle stringers. minor amounts of thin porphyritic fingers of porphyry seen in this unit which is heavly mineralized with pyrite. Porphyrtic dyklets also form at low angles.

**MINOR INTERVAL**
123.20 - 123.45: PORPHDyklet with fragments of trachyte. Low angle at 15 degrees.

**MINOR INTERVAL**
126.30 - 126.40: PORPHMineralized dyklet which forms at 15degrees. 2cm wide dykelet which contians 50% pyrite.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
119.30, 120.00, PYR, STG, .50, -, FGR, thin stirngers (fracture filling)
120.00, 122.10, PYR, STG, 8.00, -, FGR, low angle sttringers with 0.5cm wide epidote alteration
122.10, 123.10, PYR, STG, 1.00, -, FGR, Thin hairline (fracture fill) pyrite stringers
123.10, 123.60, PYR, DIS, 5.00, -, FGR, ragged blebs in dyke with disseminated and fracture filling in wallrock
123.60, 124.20, PYR, DIS, 1.00, -, FGR, disseminated and blebs
124.20, 126.40, PYR, STG, 3.00, -, FGR, Stringers associated with calcite stringers, little dyke with ragged blebs of pyrite and minor disseminated
126.40, 129.00, PYR, DIS, .50, -, FGR, -
129.00, 132.50, PYR, STG, 15.00, -, FGR, Thin hairline stringers which are randomly oriented and disseminated sulphide.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
119.30, 122.10, EPD+, SEL, WEAK, GRN2_BASIC, FGR, -, low angle pyrite stringers rimmed by epidote

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND116611 | 119.3 | 120.0 | 0.7 | 1.650 | | | | |
| CAOND116612 | 120.0 | 121.0 | 1.0 | 9.350 | | | | |
| CAOND116613 | 121.0 | 122.1 | 1.1 | 0.562 | | | | |
| CAOND116614 | 122.1 | 123.1 | 1.0 | 3.180 | | | | |
| CAOND116616 | 123.1 | 123.6 | 0.5 | 6.240 | | | | |
| CAOND116617 | 123.6 | 124.2 | 0.6 | 1.525 | | | | |
| CAOND116618 | 124.2 | 125.1 | 0.9 | 2.100 | | | | |
| CAOND116619 | 125.1 | 126.4 | 1.4 | 0.670 | | | | |
| CAOND116621 | 126.4 | 127.5 | 1.1 | 1.005 | | | | |
| CAOND116622 | 127.5 | 129.0 | 1.5 | 1.135 | | | | |
| CAOND116623 | 129.0 | 130.0 | 1.0 | 0.703 | | | | |
| CAOND116624 | 130.0 | 131.0 | 1.0 | 0.379 | | | | |
| CAOND116626 | 131.0 | 132.5 | 1.5 | 2.710 | | | | |

## Hole number: KLUC18-518

**Major:** **From:** 132.50 **To:** 144.90 I2Dp, Porphyritic Syenite

Mineralized syenitite porphyry (Undeformed) - Purple, weakly non-magnetic, and calcite only seen assoicated with fractures and stringers (trace amounts), Massive unit40% matrix, 60% feldspar phenocrysts. Clast supported white spots of feldspar up to 0.3cm long. Upper and lower contacts are sharp at 50 degrees. Minor calcite stringers which may contian chlorite. Unit is contians 1-8% disseminated mg pyrite.

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

132.50, 132.51, UPC, -, 90.00, -, -, -, sharp wavy contact with trachyte
143.00, 144.60, BRR, -, 90.00, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND116627 | 132.5 | 134.0 | 1.5 | 0.070 | | | | |
| CAOND116628 | 134.0 | 135.5 | 1.5 | 0.031 | | | | |
| CAOND116629 | 135.5 | 137.0 | 1.5 | 0.057 | | | | |
| CAOND116631 | 137.0 | 138.5 | 1.5 | 0.054 | | | | |
| CAOND116632 | 138.5 | 140.0 | 1.5 | 0.037 | | | | |
| CAOND116716 | 140.0 | 141.0 | 1.0 | 0.053 | | | | |
| CAOND116633 | 141.0 | 142.5 | 1.5 | 0.049 | | | | |
| CAOND116634 | 142.5 | 144.0 | 1.5 | 0.015 | | | | |
| CAOND116635 | 144.0 | 144.9 | 0.9 | 0.065 | | | | |

**Major:** **From:** 144.90 **To:** 205.80 V8Gs, Trachyte green spotted

Mineralized Tracyte tuff with epidote alteration (undeformed) - Dark Grey, with green spots (1cm wide consiting of epidote + calcite + pyrite. Massive, strongly magnetic, fine grained with minor scattered; ehhedral; black; amphibole laths and black shards. Minor stringers of calcite +/- quartz. Most of the veining comprises 1% thready/ gashy white calcite + Quartz fractures In general mineralization is seen as fine grained disseminated sulphide with isolated semi massive pyrite stringers with potassic and calcite alteration. Epidote seems to nuclearate around the pyrite. Stringers form at about 50 degrees. Sulphide is predominately pyrite which forms as stingers, disseminated and blebby pyrite. Odd bleb of chalopyrite seen in stringer of calcite. sulphide content is variable to from trace to 15%

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

144.90, 151.40, PYR, STG, 15.00, -, FGR, Thin hairline anastomosing stringers with fine grained disseminated and blebby pyrite with epidote
151.40, 156.00, PYR, DIS, .10, -, -, -
156.00, 166.75, PYR, BBY, 5.00, -, MGR, blebs of pyrite surrounded by epidote
166.75, 179.00, PYR, DIS, .10, -, FGR, -
179.00, 180.30, PYR, STG, 1.00, -, FGR, Thinhairline anastomosing stringers of pyrite
180.30, 186.00, PYR, DIS, .10, -, FGR, -
186.00, 186.50, PYR, DIS, 5.00, -, FGR, cubic looking disseminated pyrite
186.50, 199.70, PYR, STG, .10, -, FGR, Minor stringers of pyrite and disseminated sulphide
201.20, 204.00, PYR, BBY, 1.00, -, -, -
204.00, 205.80, PYR, DIS, 5.00, -, FGR, Isolated patches up to 8%

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

144.90, 183.00, EPD+, SPO, STRONG, GRN2_BASIC, MGR, -, 0.3 to 1 cm blotches of epidote which nucleate around pyrite
144.90, 205.80, CHL+, SEL, MOD, RED_00001, FGR, -, Black chlorite seen associated with calcite stringers.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND116636 | 144.9 | 146.0 | 1.1 | 0.595 | | | | |
| CAOND116637 | 146.0 | 147.0 | 1.0 | 0.169 | | | | |
| CAOND116638 | 147.0 | 148.3 | 1.3 | 0.657 | | | | |
| CAOND116639 | 148.3 | 149.0 | 0.7 | 2.840 | | | | |
| CAOND116640 | 149.0 | 150.5 | 1.5 | 2.770 | | | | |
| CAOND116641 | 150.5 | 152.0 | 1.5 | 0.764 | | | | |
| CAOND116642 | 152.0 | 153.5 | 1.5 | 0.145 | | | | |
| CAOND116643 | 153.5 | 155.0 | 1.5 | 0.129 | | | | |
| CAOND116644 | 155.0 | 156.0 | 1.0 | 0.240 | | | | |
| CAOND116646 | 156.0 | 157.5 | 1.5 | 0.172 | | | | |
| CAOND116647 | 157.5 | 159.0 | 1.5 | 0.230 | | | | |
| CAOND116648 | 159.0 | 160.5 | 1.5 | 0.301 | | | | |
| CAOND116649 | 160.5 | 162.0 | 1.5 | 0.130 | | | | |
| CAOND116651 | 162.0 | 163.5 | 1.5 | 0.023 | | | | |
| CAOND116652 | 163.5 | 165.0 | 1.5 | 0.939 | | | | |
| CAOND116653 | 165.0 | 166.0 | 1.0 | 2.670 | | | | |
| CAOND116654 | 166.0 | 166.8 | 0.8 | 2.720 | | | | |
| CAOND116655 | 166.8 | 167.5 | 0.8 | 0.744 | | | | |
| CAOND116656 | 167.5 | 169.0 | 1.5 | 0.530 | | | | |
| CAOND116657 | 169.0 | 170.5 | 1.5 | 0.084 | | | | |
| CAOND116658 | 170.5 | 172.0 | 1.5 | 0.054 | | | | |
| CAOND116659 | 172.0 | 173.5 | 1.5 | 0.074 | | | | |

**Hole number:** KLUC18-518

144.90, 205.80, HEM+, SEL, WEAK, RED2_BASIC, FGR, -, formed along fracture planes and with calcite stringers

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

144.90, 144.91, UPC, -, 50.00, -, -, -, Sharp

199.70, 201.20, FRA, WEAK, 10.00, -, -, -, low angle fracture infilled with calcite

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

184.60, 185.00, QtzCal, 50.00, 20.00, -, -, -, GRY_00025, 3.00, MAS, -, -, Quartz calcite vein. Calcite forms towards out side of vein

184.60, 196.20, CAL, 3.00, 20.00, -, -, -, GRY_00025, .50, STG, -, -, increase calcite veins +/- quartz.

200.00, 201.20, QtzCal, 10.00, 10.00, -, -, -, GRY_00025, .50, MAS, -, -, pinch and swell vein

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND116661 | 173.5 | 175.0 | 1.5 | 0.097 | | | | |
| CAOND116662 | 175.0 | 176.5 | 1.5 | 0.892 | | | | |
| CAOND116663 | 176.5 | 178.0 | 1.5 | 0.778 | | | | |
| CAOND116664 | 178.0 | 179.0 | 1.0 | 0.227 | | | | |
| CAOND116665 | 179.0 | 180.3 | 1.3 | 0.121 | | | | |
| CAOND116666 | 180.3 | 181.0 | 0.7 | 0.129 | | | | |
| CAOND116667 | 181.0 | 182.5 | 1.5 | 0.042 | | | | |
| CAOND116668 | 182.5 | 183.5 | 1.0 | 0.473 | | | | |
| CAOND116669 | 183.5 | 184.6 | 1.1 | 1.730 | | | | |
| CAOND116671 | 184.6 | 185.3 | 0.7 | 0.039 | | | | |
| CAOND116672 | 185.3 | 186.0 | 0.7 | 0.307 | | | | |
| CAOND116673 | 186.0 | 186.5 | 0.5 | 0.642 | | | | |
| CAOND116674 | 186.5 | 188.7 | 2.2 | 0.323 | | | | |
| CAOND116676 | 188.7 | 189.0 | 0.4 | 0.545 | | | | |
| CAOND116677 | 189.0 | 190.5 | 1.5 | 0.275 | | | | |
| CAOND116678 | 190.5 | 192.0 | 1.5 | 0.177 | | | | |
| CAOND116679 | 192.0 | 193.5 | 1.5 | 0.359 | | | | |
| CAOND116681 | 193.5 | 195.0 | 1.5 | 0.099 | | | | |
| CAOND116682 | 195.0 | 196.5 | 1.5 | 0.052 | | | | |
| CAOND116683 | 196.5 | 198.0 | 1.5 | 1.105 | | | | |
| CAOND116684 | 198.0 | 199.0 | 1.0 | 0.154 | | | | |
| CAOND116685 | 199.0 | 199.7 | 0.7 | 0.067 | | | | |
| CAOND116686 | 199.7 | 201.2 | 1.5 | 0.048 | | | | |
| CAOND116687 | 201.2 | 202.0 | 0.8 | 0.344 | | | | |
| CAOND116688 | 202.0 | 203.5 | 1.5 | 0.773 | | | | |
| CAOND116689 | 203.5 | 204.0 | 0.5 | 0.269 | | | | |
| CAOND116691 | 204.0 | 204.8 | 0.8 | 0.299 | | | | |
| CAOND116692 | 204.8 | 205.8 | 1.0 | 1.720 | | | | |

**Major:** **From:** 205.80 **To:** 248.00 I2Dp, Porphyritic Syenite

Mineralized syenitite porphyry (Undeformed) - Purple, weakly non-magnetic, and calcite only seen assoicated with fractures and stringers (trace amounts), Massive unit40% matrix, 60% feldspar phenocrysts. Clast supported white spots of feldspar up to 0.3cm long. Upper and lower contacts are sharp at 50 degrees. Minor calcite stringers which may contian chlorite. Unit is contians 1-8% disseminated mg pyrite.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND116693 | 205.8 | 207.0 | 1.2 | 0.409 | | | | |
| CAOND116694 | 207.0 | 208.0 | 1.0 | 0.233 | | | | |
| CAOND116695 | 208.0 | 209.0 | 1.0 | 0.058 | | | | |
| CAOND116696 | 209.0 | 210.0 | 1.0 | 0.067 | | | | |

**Hole number:** KLUC18-518

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
205.80, 231.90, PYR, DIS, 5.00, -, FGR, Isolated patches up to 8%
205.80, 210.00, PYR, STG, 8.00, -, FGR, Irregular stringers, fractured unit. possible fracture infill
217.10, 220.15, PYR, DIS, 10.00, -, FGR, Disseminated suphide
247.00, 248.00, PYR, DIS, 5.00, -, MGR, -

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
205.80, 205.81, UPC, -, 30.00, -, -, -, sharp at 30

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
238.00, 248.00, CAL, 10.00, 10.00, -, -, -, GRY_00025, .20, DSN, PYR, 1.00, Trace disseminated pyrite in unit

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND116697 | 210.0 | 211.5 | 1.5 | 0.079 | | | | |
| CAOND116698 | 211.5 | 213.0 | 1.5 | 0.124 | | | | |
| CAOND116699 | 213.0 | 214.5 | 1.5 | 0.127 | | | | |
| CAOND116701 | 214.5 | 216.0 | 1.5 | 0.255 | | | | |
| CAOND116702 | 216.0 | 217.0 | 1.0 | 0.212 | | | | |
| CAOND116703 | 217.0 | 218.5 | 1.5 | 0.159 | | | | |
| CAOND116704 | 218.5 | 219.2 | 0.7 | 0.899 | | | | |
| CAOND116705 | 219.2 | 220.2 | 1.0 | 1.705 | | | | |
| CAOND116706 | 220.2 | 221.0 | 0.9 | 0.047 | | | | |
| CAOND116707 | 221.0 | 222.5 | 1.5 | 0.360 | | | | |
| CAOND116708 | 222.5 | 224.0 | 1.5 | 0.865 | | | | |
| CAOND116709 | 224.0 | 225.5 | 1.5 | 0.027 | | | | |
| CAOND116710 | 225.5 | 227.0 | 1.5 | 0.014 | | | | |
| CAOND116711 | 227.0 | 228.5 | 1.5 | 0.018 | 0.250 | 19 | 62 | |
| CAOND116712 | 228.5 | 230.0 | 1.5 | 0.115 | | | | |
| CAOND116713 | 230.0 | 231.0 | 1.0 | 0.042 | | | | |
| CAOND116714 | 231.0 | 232.5 | 1.5 | 0.043 | | | | |
| CAOND116717 | 232.5 | 234.0 | 1.5 | 0.088 | | | | |
| CAOND116718 | 234.0 | 235.5 | 1.5 | 0.028 | | | | |
| CAOND116719 | 235.5 | 237.0 | 1.5 | 0.028 | | | | |
| CAOND116721 | 237.0 | 238.5 | 1.5 | 0.086 | | | | |
| CAOND116722 | 238.5 | 240.0 | 1.5 | 0.056 | | | | |
| CAOND116723 | 240.0 | 241.5 | 1.5 | 0.021 | | | | |
| CAOND116724 | 241.5 | 243.0 | 1.5 | 0.043 | | | | |
| CAOND116726 | 243.0 | 244.5 | 1.5 | 0.038 | | | | |
| CAOND116727 | 244.5 | 246.0 | 1.5 | 0.020 | | | | |
| CAOND116728 | 246.0 | 247.0 | 1.0 | 0.051 | | | | |
| CAOND116729 | 247.0 | 248.0 | 1.0 | 0.650 | | | | |

**Major:** **From:** 248.00 **To:** 251.50 V8, Trachyte

Mineralized Tracyte Flow (undeformed) possibly fine grained syenite- Dark Grey/purple -, Massive, strongly magnetic, fine grained, Calcite seen in crackle fractures and associated with stringers, disconintous and forming at low angles. Pyrite seen mg disseminated 5-8%, minor stringer pyrite. Calcite is hairline thin. Unit appears to strongly chloritic. Darker fine grained alteration which removes texutres.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND116731 | 248.0 | 249.0 | 1.0 | 0.212 | | | | |
| CAOND116732 | 249.0 | 250.0 | 1.0 | 0.248 | | | | |
| CAOND116733 | 250.0 | 250.8 | 0.8 | 0.183 | | | | |
| CAOND116734 | 250.8 | 251.5 | 0.7 | 0.311 | | | | |

**Hole number:** KLUC18-518

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS
248.00, 251.50, CAL, 10.00, 10.00, -, -, -, GRY_00025, .20, DSN, PYR, 1.00, Trace disseminated pyrite in unit

**Major:** **From:** 251.50 **To:** 273.00 I2Dmp, Syenite mafic porphyryitic

Mafic syentite porphyry - massive, strongly magnetic, dark grey, matrix support 90% matirx and 10% feldspar. Feldspar is <0.5 cm, and randomly oriented. Minor black acicular crystals thought to be amphibole. unit is fine grained. 10% thin hairline calcite stringers which form at low angles to core. Calcite stringers are discontinous. Pyrite is disseminated ~1%.

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS
251.50, 273.00, CAL, 10.00, 10.00, -, -, -, GRY_00025, .20, DSN, PYR, 1.00, Trace disseminated pyrite in unit

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND116735 | 251.5 | 253.0 | 1.5 | 0.191 | | | | |
| CAOND116736 | 253.0 | 254.5 | 1.5 | 0.424 | | | | |
| CAOND116737 | 254.5 | 256.0 | 1.5 | 0.113 | | | | |
| CAOND116738 | 256.0 | 257.5 | 1.5 | 0.099 | | | | |
| CAOND116739 | 257.5 | 259.0 | 1.5 | 0.170 | | | | |
| CAOND116740 | 259.0 | 260.5 | 1.5 | 0.116 | | | | |
| CAOND116741 | 260.5 | 262.0 | 1.5 | 0.061 | | | | |
| CAOND116742 | 262.0 | 263.5 | 1.5 | 0.051 | | | | |
| CAOND116743 | 263.5 | 265.0 | 1.5 | 0.024 | | | | |
| CAOND116744 | 265.0 | 266.5 | 1.5 | 0.006 | | | | |
| CAOND116746 | 266.5 | 268.0 | 1.5 | 0.012 | | | | |
| CAOND116747 | 268.0 | 269.5 | 1.5 | 0.017 | | | | |
| CAOND116748 | 269.5 | 271.0 | 1.5 | 0.021 | | | | |
| CAOND116749 | 271.0 | 272.0 | 1.0 | 0.019 | | | | |
| CAOND116751 | 272.0 | 273.0 | 1.0 | 0.011 | | | | |

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 0.0 | 3.0 | 50.00 | 100.00 | | | N | |
| 3.0 | 6.0 | 100.00 | 100.00 | | | N | |
| 6.0 | 9.0 | 52.00 | 100.00 | | | N | |
| 9.0 | 12.0 | 93.00 | 100.00 | | | N | |
| 12.0 | 15.0 | 67.00 | 100.00 | | | N | |
| 15.0 | 18.0 | 92.00 | 100.00 | | | N | |
| 18.0 | 21.0 | 55.00 | 100.00 | | | N | |
| 21.0 | 24.0 | 48.00 | 100.00 | | | N | |
| 24.0 | 27.0 | 65.00 | 100.00 | | | N | |

**Hole number:** KLUC18-518

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 27.0 | 30.0 | 80.00 | 100.00 | | | N | |
| 30.0 | 33.0 | 58.00 | 100.00 | | | N | |
| 33.0 | 36.0 | 100.00 | 100.00 | | | N | |
| 36.0 | 39.0 | 100.00 | 100.00 | | | N | |
| 39.0 | 42.0 | 90.00 | 100.00 | | | N | |
| 42.0 | 45.0 | 63.00 | 100.00 | | | N | |
| 45.0 | 48.0 | 87.00 | 100.00 | | | N | |
| 48.0 | 51.0 | 98.00 | 100.00 | | | N | |
| 51.0 | 54.0 | 83.00 | 100.00 | | | N | |
| 54.0 | 57.0 | 83.00 | 100.00 | | | N | |
| 57.0 | 60.0 | 83.00 | 100.00 | | | N | |
| 60.0 | 63.0 | 63.00 | 100.00 | | | N | |
| 63.0 | 66.0 | 97.00 | 100.00 | | | N | |
| 66.0 | 69.0 | 92.00 | 100.00 | | | N | |
| 69.0 | 72.0 | 80.00 | 100.00 | | | N | |
| 72.0 | 75.0 | 70.00 | 100.00 | | | N | |
| 75.0 | 78.0 | 80.00 | 100.00 | | | N | |
| 78.0 | 81.0 | 95.00 | 100.00 | | | N | |
| 81.0 | 84.0 | 100.00 | 100.00 | | | N | |
| 84.0 | 87.0 | 97.00 | 100.00 | | | N | |
| 87.0 | 90.0 | 98.00 | 100.00 | | | N | |
| 90.0 | 93.0 | 100.00 | 100.00 | | | N | |
| 93.0 | 96.0 | 87.00 | 100.00 | | | N | |
| 96.0 | 99.0 | 98.00 | 100.00 | | | N | |
| 99.0 | 102.0 | 97.00 | 100.00 | | | N | |
| 102.0 | 105.0 | 98.00 | 100.00 | | | N | |
| 105.0 | 108.0 | 95.00 | 100.00 | | | N | |
| 108.0 | 111.0 | 98.00 | 100.00 | | | N | |

**Hole number:** KLUC18-518

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 111.0 | 114.0 | 85.00 | 100.00 | | | N | |
| 114.0 | 117.0 | 93.00 | 100.00 | | | N | |
| 117.0 | 120.0 | 95.00 | 100.00 | | | N | |
| 120.0 | 123.0 | 100.00 | 100.00 | | | N | |
| 123.0 | 126.0 | 98.00 | 100.00 | | | N | |
| 126.0 | 129.0 | 100.00 | 100.00 | | | N | |
| 129.0 | 132.0 | 100.00 | 100.00 | | | N | |
| 132.0 | 135.0 | 95.00 | 100.00 | | | N | |
| 135.0 | 138.0 | 88.00 | 100.00 | | | N | |
| 138.0 | 141.0 | 53.00 | 100.00 | | | N | |
| 141.0 | 144.0 | 73.00 | 100.00 | | | N | |
| 144.0 | 147.0 | 98.00 | 100.00 | | | N | |
| 147.0 | 150.0 | 98.00 | 100.00 | | | N | |
| 150.0 | 153.0 | 80.00 | 100.00 | | | N | |
| 153.0 | 156.0 | 100.00 | 100.00 | | | N | |
| 156.0 | 159.0 | 97.00 | 100.00 | | | N | |
| 159.0 | 162.0 | 95.00 | 100.00 | | | N | |
| 162.0 | 165.0 | 98.00 | 100.00 | | | N | |
| 165.0 | 168.0 | 98.00 | 100.00 | | | N | |
| 168.0 | 171.0 | 95.00 | 100.00 | | | N | |
| 171.0 | 174.0 | 87.00 | 100.00 | | | N | |
| 174.0 | 177.0 | 83.00 | 100.00 | | | N | |
| 177.0 | 180.0 | 98.00 | 100.00 | | | N | |
| 180.0 | 183.0 | 98.00 | 100.00 | | | N | |
| 183.0 | 186.0 | 97.00 | 100.00 | | | N | |
| 186.0 | 189.0 | 95.00 | 100.00 | | | N | |
| 189.0 | 192.0 | 98.00 | 100.00 | | | N | |
| 192.0 | 195.0 | 98.00 | 100.00 | | | N | |

**Hole number:** KLUC18-518

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 195.0 | 198.0 | 80.00 | 100.00 | | | N | |
| 198.0 | 201.0 | 77.00 | 100.00 | | | N | |
| 201.0 | 204.0 | 75.00 | 100.00 | | | N | |
| 204.0 | 207.0 | 67.00 | 100.00 | | | N | |
| 207.0 | 210.0 | 70.00 | 100.00 | | | N | |
| 210.0 | 213.0 | 67.00 | 100.00 | | | N | |
| 213.0 | 216.0 | 53.00 | 100.00 | | | N | |
| 216.0 | 219.0 | 98.00 | 100.00 | | | N | |
| 219.0 | 222.0 | 100.00 | 100.00 | | | N | |
| 222.0 | 225.0 | 100.00 | 100.00 | | | N | |
| 225.0 | 228.0 | 98.00 | 100.00 | | | N | |
| 228.0 | 231.0 | 87.00 | 100.00 | | | N | |
| 231.0 | 234.0 | 77.00 | 100.00 | | | N | |
| 234.0 | 237.0 | 100.00 | 100.00 | | | N | |
| 237.0 | 240.0 | 100.00 | 100.00 | | | N | |
| 240.0 | 243.0 | 100.00 | 100.00 | | | N | |
| 243.0 | 246.0 | 100.00 | 100.00 | | | N | |
| 246.0 | 249.0 | 90.00 | 100.00 | | | N | |
| 249.0 | 252.0 | 95.00 | 100.00 | | | N | |
| 252.0 | 255.0 | 90.00 | 100.00 | | | N | |
| 255.0 | 258.0 | 80.00 | 100.00 | | | N | |
| 258.0 | 261.0 | 83.00 | 100.00 | | | N | |
| 261.0 | 264.0 | 93.00 | 100.00 | | | N | |
| 264.0 | 267.0 | 93.00 | 100.00 | | | N | |
| 267.0 | 270.0 | 93.00 | 100.00 | | | N | |

**Hole number:** KLUC18-518

AGNICO EAGLE

# DRILL HOLE REPORT

## EXPLORATION CANADA ONTARIO

**Hole number:** KLUC18-519 **Project Number:** U_Canada **Project name:** Upper Canada

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Historic hole number:** | | **Collar survey:** | Y | **From:** | 0.0 | **Coordinates:** | P |
| **System:** | METRIC | **Verified:** | Y | **To:** | 249.0 | **Grid:** | UTM83-17_CSRS-2010: |
| **Target:** | UC_NORTHLAND | **Gas:** | N | **Depth:** | 249.0 | **North:** | 5,332,754.96 |
| **No. Claim:** | PAT-18821 | **Multishot survey:** | N | **Location:** | Surface | **East:** | 585,806.08 |
| **Year:** | 2 018 | **Is making water:** | N | **Core storage:** | Mine Site | **Elevation:** | 351.80 |
| **Date started:** | 11/22/2018 | **Object in hole:** | N | **Contractor:** | Major Diamond Drilling | **Collar dip:** | -50.37 |
| **Date logged:** | 2018-11-30 | **Pulse EM survey:** | N | **Logged by:** | Monica Oosterman | **Collar azimuth:** | 341.95 |
| **Date completed:** | 11/28/2018 | **Plugged:** | N | | | | |
| **Core size:** | NQ | **Cemented:** | N | **Signature:** | | | |
| **Hole type:** | EXP | **Branch:** | N | | | | |
| **Casing:** | Pulled | **Reserve:** | | | | | |
| **Logging status:** | Signed | | | | | | |
| **Rig number:** | 0135 | | | | | | |

**Additional sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Planned hole UPC18-088 designed to intersect Northland 50m east of 510 above 518
HOle is fully stablized
Intersected similar mineralization as seen in hole 10

**Assay average**

| Average type | From | To | Length | Width | Zone | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Pb_ppm | Ni_ppm | As_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WEIGHTED | 2.3 | 154.1 | 151.8 | | | 0.860 | | | | | | |
| WEIGHTED | 2.3 | 154.1 | 151.8 | | | 0.494 | | | | | | |
| WEIGHTED | 25.0 | 29.5 | 4.5 | | | 0.481 | | | | | | |
| WEIGHTED | 25.0 | 154.1 | 129.1 | | | 0.988 | | | | | | |
| WEIGHTED | 25.0 | 154.1 | 129.1 | | | 0.558 | | | | | | |
| WEIGHTED | 80.2 | 86.9 | 6.8 | | | 0.578 | | | | | | |
| WEIGHTED | 96.6 | 106.6 | 10.0 | | | 8.990 | | | | | | |
| WEIGHTED | 96.6 | 106.6 | 10.0 | | | 3.412 | | | | | | |
| WEIGHTED | 112.5 | 123.0 | 10.5 | | | 1.246 | | | | | | |
| WEIGHTED | 145.5 | 151.5 | 6.0 | | | 0.458 | | | | | | |

**Survey data**

## Hole number: KLUC18-519

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 341.95 | -50.37 | S | O | |
| 48.0 | 343.30 | -50.10 | EZ | O | 54911 |
| 108.0 | 348.90 | -49.60 | EZ | O | 54548 |
| 168.0 | 349.10 | -49.70 | EZ | O | 54815 |
| 228.0 | 351.10 | -49.20 | EZ | O | 54773 |
| 18.0 | 344.70 | -50.20 | EZ | O | 55277 |
| 78.0 | 338.40 | -49.10 | EZ | O | 48247 |
| 138.0 | 347.30 | -49.70 | EZ | O | 54805 |
| 198.0 | 349.50 | -49.40 | EZ | O | 54717 |
| 249.0 | 352.00 | -49.10 | EZ | O | 55843 |

| Certificate |
|---|
| TM18311986 |
| TM18311992 |
| TM18315610 |
| TM18317989 |
| TM18317993 |
| TM18322539 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505D18-019 | Excaon1 | CAOND114302 - CAOND114383<br>CAOND116689 - CAOND116715<br>CAOND116717 - CAOND116766 |
| CXE5505D18-020 | Excaon1 | CAOND114302 - CAOND114420<br>CAOND116767 - CAOND116855 |
| CXE5505D18-021 | Excaon1 | CAOND114421 - CAOND114500<br>CAOND116856 - CAOND116903<br>CAOND117001 - CAOND117076 |
| CXE5505D18-022 | Excaon1 | CAOND116904 - CAOND117000<br>CAOND117077 - CAOND117239<br>CAOND117501 - CAOND117589<br>CAOND117591 - CAOND117600<br>CAOND117640 - CAOND117700<br>CAOND117726 - CAOND117729<br>CAOND117731 - CAOND117743<br>CAOND117751 - CAOND117816 |
| CXE5505D18WRA-007 | Excaon2-WRA | CAOND116711<br>CAOND116765 |
| CXE5505D18WRA-009 | Excaon2-WRA | CAOND114421<br>CAOND114435<br>CAOND114438<br>CAOND114452<br>CAOND116887 |
| CXE5505D19-071 | Excaon1 | CAOND114322<br>CAOND114326<br>CAOND114329<br>CAOND114344<br>CAOND114351<br>CAOND114383<br>CAOND114423<br>CAOND114436<br>CAOND114443<br>CAOND114446 |

| Sample number | Standard |
|---|---|
| CAOND116760 | CDN-CM-24-AEM |
| CAOND116770 | BLANK-DB |
| CAOND116775 | CDN-GS-5U-AEM |
| CAOND116790 | CDN-CM-28-AEM |
| CAOND116815 | CDN-CM-24-AEM |
| CAOND116820 | BLANK-DB |
| CAOND116830 | CDN-GS-5U-AEM |
| CAOND116845 | CDN-CM-28-AEM |
| CAOND116860 | CDN-CM-24-AEM |
| CAOND116870 | BLANK-DB |
| CAOND116875 | CDN-GS-5U-AEM |
| CAOND116890 | CDN-CM-28-AEM |
| CAOND116915 | CDN-CM-24-AEM |
| CAOND116920 | BLANK-DB |
| CAOND116930 | CDN-GS-5U-AEM |
| CAOND116945 | CDN-CM-28-AEM |
| CAOND116960 | CDN-CM-24-AEM |
| CAOND116970 | BLANK-DB |

**Hole number:** KLUC18-519

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND114454 |
| | | CAOND114458 |
| | | CAOND116718 |
| | | CAOND116726 |
| | | CAOND116858 |
| | | CAOND116861 |
| | | CAOND116872 |
| | | CAOND116903 |
| | | CAOND116918 |
| | | CAOND116944 |
| | | CAOND116952 |
| | | CAOND116957 |
| | | CAOND116977 |
| | | CAOND116988 |
| | | CAOND117059 |
| | | CAOND117063 |
| | | CAOND117069 - CAOND117070 |
| | | CAOND117091 |
| | | CAOND117117 |
| | | CAOND117121 |
| | | CAOND117134 |
| | | CAOND117146 |
| | | CAOND117169 |
| | | CAOND117177 |
| | | CAOND117193 |
| | | CAOND117197 |
| | | CAOND117232 |
| | | CAOND117251 |
| | | CAOND117276 |
| | | CAOND117285 |
| | | CAOND117287 |
| | | CAOND117307 |
| | | CAOND117317 |
| | | CAOND117348 |
| | | CAOND117352 - CAOND117354 |
| | | CAOND117367 |
| | | CAOND117376 |
| | | CAOND117408 |
| | | CAOND117410 |
| | | CAOND117431 |
| | | CAOND117467 |
| | | CAOND117489 |
| | | CAOND117492 - CAOND117493 |

**Hole number:** KLUC18-519

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND117501 |
| | | CAOND117563 - CAOND117564 |
| | | CAOND117591 |
| | | CAOND117596 |
| | | CAOND117619 |
| | | CAOND117622 |
| | | CAOND117631 - CAOND117632 |
| | | CAOND117670 |
| | | CAOND117678 - CAOND117679 |
| | | CAOND117681 |
| | | CAOND117691 |
| | | CAOND117696 |
| | | CAOND117732 - CAOND117733 |
| | | CAOND117761 |
| | | CAOND117778 |
| | | CAOND117788 |
| | | CAOND117803 |
| | | CAOND117817 |
| | | CAOND117863 |
| | | CAOND117871 |
| | | CAOND117936 |
| | | CAOND117981 |
| | | CAOND118114 |
| | | CAOND118135 |
| | | CAOND118143 |
| | | CAOND118145 |
| | | CAOND118236 |
| | | CAOND118251 |
| | | CAOND118287 |
| | | CAOND118301 |
| | | CAOND118316 |
| | | CAOND118319 |
| | | CAOND118346 |
| | | CAOND118351 |
| | | CAOND118381 |
| | | CAOND118395 |
| | | CAOND118410 |
| | | CAOND118436 |
| | | CAOND118463 |
| | | CAOND118479 |
| | | CAOND118481 |
| | | CAOND118539 |
| | | CAOND118556 |

**Hole number:** KLUC18-519

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND118618 |
| | | CAOND118631 |
| | | CAOND118664 |
| | | CAOND118684 |
| | | CAOND118686 |
| | | CAOND118688 |
| | | CAOND118707 |
| | | CAOND118720 |
| | | CAOND118754 |
| | | CAOND118793 |
| | | CAOND118829 |
| | | CAOND118835 |
| | | CAOND118851 |
| | | CAOND118859 |
| | | CAOND118862 |
| | | CAOND118897 |
| | | CAOND118933 |
| | | CAOND118941 |
| | | CAOND118947 |
| | | CAOND118954 |
| | | CAOND118966 |
| | | CAOND118981 |
| | | CAOND119502 |
| | | CAOND119526 |
| | | CAOND119551 |
| | | CAOND119564 |
| | | CAOND119569 |
| | | CAOND119571 |
| | | CAOND119573 |
| | | CAOND119583 |
| | | CAOND119585 |
| | | CAOND119591 |
| | | CAOND119621 |
| | | CAOND119645 |
| | | CAOND119677 |
| | | CAOND119771 |
| | | CAOND119802 |
| | | CAOND119809 |
| | | CAOND119817 |
| | | CAOND119841 |
| | | CAOND119846 |
| | | CAOND119873 |
| | | CAOND119913 |

**Hole number:** KLUC18-519

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND119918 |
| | | CAOND120032 - CAOND120033 |
| | | CAOND120048 |
| | | CAOND120081 |
| | | CAOND120085 |
| | | CAOND120118 |
| | | CAOND120170 |
| | | CAOND120183 |
| | | CAOND120361 |
| | | CAOND120371 |
| | | CAOND120381 |
| | | CAOND120399 |
| | | CAOND120422 |
| | | CAOND120481 |
| | | CAOND120512 |
| | | CAOND120566 - CAOND120567 |
| | | CAOND120569 |
| | | CAOND120581 |
| | | CAOND120618 |
| | | CAOND120632 |
| | | CAOND120637 |
| | | CAOND120643 |
| | | CAOND120658 |
| | | CAOND120685 |
| | | CAOND120687 |
| | | CAOND120692 |
| | | CAOND120701 |
| | | CAOND120712 |

*The sample list may content samples from other holes

**Major:** **From:** 0.00 **To:** 2.30 OVB, Overburden

**Major:** **From:** 2.30 **To:** 12.20 V8Gs, Trachyte green spotted

Mineralized Trachyte tuff with epidote alteration (undeformed) - Dark Grey, with green spots (1cm wide consiting of epidote + calcite + pyrite), 5% epidote spots. Massive, strongly magnetic, fine grained with about 0.5% scattered; ehhedral; black; black shards. Calcite form s regularly in thin hairline fracture sets at 30 degrees. Total calcite veinlets is 0.5%. Mineralization consists of disseminated pyrite tr-1%. Sharp lower contact is at 60 degrees.

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/CONTS

2.30, 12.20, CAL, .10, 40.00, -, -, -, GRY_00025, .20, -, PYR, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND116752 | 2.3 | 3.0 | 0.7 | 0.226 | | | | |
| CAOND116753 | 3.0 | 4.5 | 1.5 | 0.171 | | | | |
| CAOND116754 | 4.5 | 6.0 | 1.5 | 0.049 | | | | |
| CAOND116755 | 6.0 | 7.5 | 1.5 | 0.111 | | | | |
| CAOND116756 | 7.5 | 9.0 | 1.5 | 0.156 | | | | |
| CAOND116757 | 9.0 | 10.5 | 1.5 | 0.071 | | | | |
| CAOND116758 | 10.5 | 11.0 | 0.5 | 0.283 | | | | |

**Hole number:** KLUC18-519

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND116759 | 11.0 | 12.2 | 1.2 | 0.877 | | | | |

**Major:** **From:** 12.20 **To:** 25.00 I2Dp, Porphyritic Syenite

Mineralized porphyrtic syenitite - Medium-coarse grained pink/purple matrix white laths of feldspar, in general are <0.3cm wide and feldar laths are up to 0.5 cm wide, 60% matrix and 40% feldspars. Unit is weakly to non magnetic and contians minor hairline fracture fills of calcite. Disseminated pyrite though out unit ~1%. Upper contact is wavy and sharp at 60 and lower contact is wavy and sharp at 60 degrees lower contact 50 degrees.

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

12.20, 12.21, LWC, -, 60.00, -, -, -, wavy contact sharp

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

12.20, 25.00, CAL, .10, 40.00, -, -, -, GRY_00025, .20, -, PYR, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND116761 | 12.2 | 13.0 | 0.8 | 0.069 | | | | |
| CAOND116762 | 13.0 | 14.5 | 1.5 | 0.063 | | | | |
| CAOND116763 | 14.5 | 16.0 | 1.5 | 0.030 | | | | |
| CAOND116764 | 16.0 | 17.5 | 1.5 | 0.047 | | | | |
| CAOND116765 | 17.5 | 19.0 | 1.5 | 0.124 | 0.250 | 4 | 49 | |
| CAOND116766 | 19.0 | 20.5 | 1.5 | 0.045 | | | | |
| CAOND116767 | 20.5 | 22.0 | 1.5 | 0.118 | | | | |
| CAOND116768 | 22.0 | 23.5 | 1.5 | 0.017 | | | | |
| CAOND116769 | 23.5 | 25.0 | 1.5 | 0.050 | | | | |

**Major:** **From:** 25.00 **To:** 48.75 V8Gs, Trachyte green spotted

Mineralized Trachyte tuff with epidote alteration (undeformed) - Dark Grey, with green spots (1cm wide consiting of epidote + calcite + pyrite), 15% epidote spots. Massive, strongly magnetic, fine grained with about 0.5% scattered; ehhedral; black; black shards. Calcite form regularly in thin hairline fracture sets at 30 degrees. Total calcite veinlets is 0.5%. Mineralization consists of isolated blebs in epidote and thin stringer, pyrite tr-1%. lower contact is at 40 degrees.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

27.50, 28.00, PYR, SMA, 8.00, -, FGR, breccia with infill of calcite and pyrite in matrix.
48.40, 48.75, PYR, BBY, 3.00, -, FGR, Ragged blebs and disseminated pyrite in small shear at contact with greenspotted and syentite

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

25.00, 48.75, EPD+, SPO, MOD, GRN2_BASIC, FGR, -, spots of epidote nucleate around pyrite

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

25.00, 25.10, LWC, -, 50.00, -, -, -, irregular sharp
27.50, 28.00, BRC, -, 40.00, -, -, -, clast supported breccia with calcite and sulphide matrix.
48.40, 48.75, FOL, WEAK, 40.00, -, -, -, Foliated at contact. calcite veinlets increase to 10%.

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND116771 | 25.0 | 26.0 | 1.0 | 0.411 | | | | |
| CAOND116772 | 26.0 | 27.5 | 1.5 | 0.391 | | | | |
| CAOND116773 | 27.5 | 28.0 | 0.5 | 1.055 | | | | |
| CAOND116774 | 28.0 | 29.5 | 1.5 | 0.426 | | | | |
| CAOND116776 | 29.5 | 31.0 | 1.5 | 0.070 | | | | |
| CAOND116777 | 31.0 | 32.5 | 1.5 | 1.095 | | | | |
| CAOND116778 | 32.5 | 34.0 | 1.5 | 0.356 | | | | |
| CAOND116779 | 34.0 | 35.5 | 1.5 | 0.133 | | | | |
| CAOND116781 | 35.5 | 37.0 | 1.5 | 0.406 | | | | |
| CAOND116782 | 37.0 | 38.5 | 1.5 | 0.951 | | | | |
| CAOND116783 | 38.5 | 40.0 | 1.5 | 0.190 | | | | |
| CAOND116784 | 40.0 | 41.5 | 1.5 | 0.088 | | | | |
| CAOND116785 | 41.5 | 43.0 | 1.5 | 0.090 | | | | |
| CAOND116786 | 43.0 | 44.5 | 1.5 | 0.148 | | | | |
| CAOND116787 | 44.5 | 46.0 | 1.5 | 0.099 | | | | |
| CAOND116788 | 46.0 | 47.0 | 1.0 | 0.229 | | | | |
| CAOND116789 | 47.0 | 48.3 | 1.3 | 0.136 | | | | |
| CAOND116791 | 48.3 | 48.8 | 0.5 | 0.127 | | | | |

**Hole number:** KLUC18-519

25.00, 48.75, CAL, .10, 40.00, -, -, -, GRY_00025, .20, -, PYR, -, -

**Major:** **From:** 48.75 **To:** 53.30 I2Dp, Porphyritic Syenite

Mineralized porphyrtic syenitite - Medium grained pink matrix white ghost laths of feldspar, in general are <0.3cm wide, 90% matrix and 10% feldspars. Unit is non magnetic and contians minor hairline fracture fills of calcite. Disseminated pyrite though out unit ~10%. Upper contact 40 and lower contact is wavy and sharp at 60 degrees lower contact 20 degrees.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

49.75, 53.30, PYR, DIS, 15.00, -, VFG, disseminated through out unit.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

48.75, 53.30, SIC+, PEN, MOD, -, FGR, -, Hard smooth rock.

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

53.00, 53.30, FRA, -, -, -, -, -, -

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

48.75, 53.30, CAL, .10, 40.00, -, -, -, GRY_00025, .20, -, PYR, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND116792 | 48.8 | 50.0 | 1.3 | 0.156 | | | | |
| CAOND116793 | 50.0 | 51.0 | 1.0 | 0.028 | | | | |
| CAOND116794 | 51.0 | 52.0 | 1.0 | 0.081 | | | | |
| CAOND116795 | 52.0 | 53.3 | 1.3 | 0.035 | | | | |

**Major:** **From:** 53.30 **To:** 182.50 V8Gs, Trachyte green spotted

Mineralized Trachyte tuff with epidote alteration (undeformed) - Dark Grey, with green spots (1cm wide consiting of epidote + calcite + pyrite), 15% epidote spots. Epidote alteration varies with in unit from uniform 15% to isolated large spots. Massive, strongly magnetic, fine grained with about 0.5% scattered; ehhedral; black; black shards. Calcite form irregularly thin hairline fracture sets at 30 degrees. Total calcite veinlets is 0.5%. Mineralization consists of isolated blebs in epidote and thin stringer and fracture fill, pyrite tr-10%. Isolated blebs of chalocpyrite seen in thin hariline calcite veinlets. Mineralization is patchy and forms adjacent to thin hairline fractures. lower contact is at 40 degrees. Mineralization forms 1-10% segments and then barren to trace segments, alternate back and forth. Could these be beds???

**MINOR INTERVAL**

96.60 - 123.25: V8tSame as V8Gs but minor isolated patchy spots. More isolated around fractures.

**MINOR INTERVAL**

174.55 - 175.10: I2DpSame as above

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

53.30, 59.10, PYR, DIS, 8.00, -, VFG, Evenly disseminated

59.10, 61.80, PYR, DIS, .10, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND116796 | 53.3 | 54.0 | 0.7 | 0.035 | | | | |
| CAOND116797 | 54.0 | 55.5 | 1.5 | 0.019 | | | | |
| CAOND116798 | 55.5 | 57.0 | 1.5 | 0.186 | | | | |
| CAOND116799 | 57.0 | 58.0 | 1.0 | 0.850 | | | | |
| CAOND116801 | 58.0 | 59.1 | 1.1 | 0.048 | | | | |
| CAOND116802 | 59.1 | 60.5 | 1.4 | 0.057 | | | | |
| CAOND116803 | 60.5 | 61.8 | 1.4 | 0.052 | | | | |
| CAOND116804 | 61.8 | 62.5 | 0.7 | 0.542 | | | | |
| CAOND116805 | 62.5 | 63.3 | 0.8 | 0.090 | | | | |
| CAOND116806 | 63.3 | 64.0 | 0.7 | 0.466 | | | | |
| CAOND116807 | 64.0 | 65.0 | 1.0 | 0.276 | | | | |
| CAOND116808 | 65.0 | 66.5 | 1.5 | 0.188 | | | | |
| CAOND116809 | 66.5 | 67.7 | 1.2 | 0.059 | | | | |
| CAOND116810 | 67.7 | 69.0 | 1.3 | 0.072 | | | | |

**Hole number:** KLUC18-519

61.80, 62.80, PYR, FRF, 8.00, -, FGR, fracture controlled and disseminated
62.80, 63.30, PYR, FRF, 8.00, -, FGR, fracture controled and disseminated
65.00, 67.70, PYR, DIS, 3.00, -, FGR, disseminated and fracture controlled
69.30, 69.70, PYR, STG, 3.00, -, FGR, stringers in fractures and patchy ragged blebs with disseminated pyrite
69.70, 73.20, PYR, FRF, 8.00, -, FGR, fracture filling and disseminated sulphlide.
76.60, 78.20, PYR, DIS, 10.00, -, FGR, disseminated and fracture filling
83.10, 83.85, PYR, FRF, 5.00, -, FGR, Fracture filling and disseminated
85.70, 88.30, PYR, STG, 5.00, -, FGR, stringers and disseminated
93.10, 97.00, PYR, DIS, 3.00, -, FGR, Disseminated
103.00, 104.00, PYR, STG, 5.00, -, FGR, Thin low angle hairline stringers, which form with calcite
104.00, 104.15, PYR, SMA, 30.00, -, FGR, Calcite vein with interstial pyrite. forms at 40 degrees
106.00, 106.55, PYR, STG, 8.00, -, FGR, stringers of pyrite which form with calcite at ~50 degrees
118.00, 118.40, PYR, DIS, 3.00, -, FGR, form with quartz/calcite vein
129.60, 130.80, PYR, DIS, 3.00, -, MGR, Mainly disseminated with some fracture filling which is finer grained sulphide
133.00, 133.45, PYR, DIS, 1.00, -, MGR, -
134.80, 136.70, PYR, FRF, 3.00, -, FGR, Fracture filling and disseminated
144.10, 147.40, PYR, FRF, 5.00, -, FGR, Fracture filling/disseminated and stringers
147.40, 149.10, PYR, DIS, .50, -, FGR, disseminated, blebby and fracture filling
149.10, 154.05, PYR, FRF, 1.00, -, FGR, Patchy fracture filling and disseminated pyrite
156.10, 157.60, PYR, BBY, 1.00, -, MGR, blebbs with epidote and disseminated pyrite and minor fracture infill
158.51, 159.30, PYR, BBY, 3.00, -, FGR, Ragged blebs associated with calcite veins, some disseminated as well
164.30, 166.50, PYR, DIS, 3.00, -, FGR, -
171.00, 179.70, PYR, DIS, 1.00, -, -, -
179.70, 182.50, PYR, BBY, 5.00, -, MGR, blebs, stringers and dissemianted.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

53.30, 53.34, SIC+, PEN, MOD, -, FGR, -, Hard smooth rock.
53.30, 90.30, EPD+, SPO, MOD, GRN2_BASIC, FGR, -, spots of epidote <0.3 cm wide
123.25, 129.00, EPD+, SPO, MOD, GRN2_BASIC, FGR, -, uniform spots 0.3 to 0.5 cm wide
130.80, 132.30, EPD+, SPO, MOD, GRN2_BASIC, FGR, -, increased spots to 30 %
136.00, 140.00, EPD+, SPO, WEAK, GRN2_BASIC, CGR, -, Large 1-2 cm spots of epidote

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

53.30, 72.00, FRA, -, -, -, -, -, -
76.60, 77.50, BRR, -, -, -, -, -, -
80.50, 81.90, BRR, -, -, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND116811 | 69.0 | 69.9 | 0.9 | 0.079 | | | | |
| CAOND116812 | 69.9 | 70.5 | 0.6 | 0.026 | | | | |
| CAOND116813 | 70.5 | 72.0 | 1.5 | 0.050 | | | | |
| CAOND116814 | 72.0 | 73.2 | 1.2 | 0.110 | | | | |
| CAOND116816 | 73.2 | 74.5 | 1.3 | 0.191 | | | | |
| CAOND116817 | 74.5 | 75.7 | 1.2 | 0.168 | | | | |
| CAOND116818 | 75.7 | 76.6 | 0.9 | 0.027 | | | | |
| CAOND116819 | 76.6 | 77.5 | 0.9 | 0.229 | | | | |
| CAOND116821 | 77.5 | 78.2 | 0.7 | 0.095 | | | | |
| CAOND116822 | 78.2 | 79.2 | 1.0 | 0.253 | | | | |
| CAOND116823 | 79.2 | 80.2 | 1.0 | 0.124 | | | | |
| CAOND116824 | 80.2 | 81.5 | 1.3 | 0.875 | | | | |
| CAOND116826 | 81.5 | 83.1 | 1.6 | 0.652 | | | | |
| CAOND116827 | 83.1 | 83.9 | 0.8 | 0.449 | | | | |
| CAOND116828 | 83.9 | 85.4 | 1.6 | 0.405 | | | | |
| CAOND116829 | 85.4 | 86.9 | 1.5 | 0.473 | | | | |
| CAOND116831 | 86.9 | 88.3 | 1.4 | 0.045 | | | | |
| CAOND116832 | 88.3 | 89.5 | 1.2 | 0.019 | | | | |
| CAOND116833 | 89.5 | 90.3 | 0.8 | 0.019 | | | | |
| CAOND116834 | 90.3 | 91.3 | 1.0 | 0.016 | | | | |
| CAOND116835 | 91.3 | 92.2 | 0.9 | 1.010 | | | | |
| CAOND116836 | 92.2 | 93.1 | 0.9 | 0.066 | | | | |
| CAOND116837 | 93.1 | 94.1 | 1.0 | 0.025 | | | | |
| CAOND116838 | 94.1 | 95.0 | 0.9 | 0.015 | | | | |
| CAOND116839 | 95.0 | 95.9 | 0.9 | 0.068 | | | | |
| CAOND116840 | 95.9 | 96.6 | 0.8 | 0.120 | | | | |
| CAOND116841 | 96.6 | 97.5 | 0.9 | 2.850 | | | | |
| CAOND116842 | 97.5 | 99.0 | 1.5 | 40.800 | | | | |
| CAOND116843 | 99.0 | 100.5 | 1.5 | 0.964 | | | | |
| CAOND116844 | 100.5 | 102.0 | 1.5 | 1.200 | | | | |
| CAOND116846 | 102.0 | 103.0 | 1.0 | 0.257 | | | | |
| CAOND116847 | 103.0 | 103.7 | 0.7 | 1.440 | | | | |
| CAOND116848 | 103.7 | 104.2 | 0.5 | 27.300 | | | | |

**Hole number:** KLUC18-519

86.50, 90.00, FRA, -, 10.00, -, -, -, -
96.60, 97.50, FOL, -, 60.00, -, -, -, -
99.00, 99.30, FOL, -, 60.00, -, -, -, -
169.50, 170.00, BRR, -, -, -, -, -, -

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS

53.30, 72.00, CAL, .10, 40.00, -, -, -, GRY_00025, .20, -, PYR, -, -
72.00, 140.00, CAL, .10, 10.00, -, -, -, GRY_00025, .20, -, -, -, -
118.25, 118.26, QTZ_2, 100.00, 80.00, -, -, -, GRY_00025, 1.00, -, PYR, 20.00, Isolated quartz calcite vein with dissemianted pyrite concentrated around vein
144.10, 147.40, CAL, 5.00, 50.00, -, -, -, GRY_00025, .50, -, PYR, 5.00, Array of calcite veinlets with minor quartz.
158.51, 159.30, CAL, 5.00, 50.00, -, -, -, GRY_00025, 3.00, -, CPY, .10, chalcopyrite and pyrite.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND116849 | 104.2 | 105.0 | 0.9 | 1.535 | | | | |
| CAOND116851 | 105.0 | 106.0 | 1.0 | 0.567 | | | | |
| CAOND116852 | 106.0 | 106.6 | 0.6 | 12.750 | | | | |
| CAOND116853 | 106.6 | 108.0 | 1.5 | 0.338 | | | | |
| CAOND116854 | 108.0 | 109.5 | 1.5 | 0.198 | | | | |
| CAOND116855 | 109.5 | 111.0 | 1.5 | 0.031 | | | | |
| CAOND116856 | 111.0 | 112.5 | 1.5 | 0.074 | | | | |
| CAOND116857 | 112.5 | 114.0 | 1.5 | 0.619 | | | | |
| CAOND116858 | 114.0 | 115.5 | 1.5 | 0.352 | | | | |
| CAOND116859 | 115.5 | 117.0 | 1.5 | 0.720 | | | | |
| CAOND116861 | 117.0 | 118.0 | 1.0 | 0.711 | | | | |
| CAOND116862 | 118.0 | 118.5 | 0.5 | 0.436 | | | | |
| CAOND116863 | 118.5 | 120.0 | 1.5 | 2.460 | | | | |
| CAOND116864 | 120.0 | 121.5 | 1.5 | 3.060 | | | | |
| CAOND116865 | 121.5 | 123.0 | 1.5 | 0.888 | | | | |
| CAOND116866 | 123.0 | 124.5 | 1.5 | 0.249 | | | | |
| CAOND116867 | 124.5 | 126.0 | 1.5 | 0.374 | | | | |
| CAOND116868 | 126.0 | 127.5 | 1.5 | 0.049 | | | | |
| CAOND116869 | 127.5 | 129.0 | 1.5 | 0.196 | | | | |
| CAOND116871 | 129.0 | 130.5 | 1.5 | 0.044 | | | | |
| CAOND116872 | 130.5 | 132.0 | 1.5 | 0.124 | | | | |
| CAOND116873 | 132.0 | 133.5 | 1.5 | 0.016 | | | | |
| CAOND116874 | 133.5 | 135.0 | 1.5 | 0.034 | | | | |
| CAOND116876 | 135.0 | 136.5 | 1.5 | 0.019 | | | | |
| CAOND116877 | 136.5 | 138.0 | 1.5 | 0.022 | | | | |
| CAOND116878 | 138.0 | 139.5 | 1.5 | 0.046 | | | | |
| CAOND116879 | 139.5 | 141.0 | 1.5 | 0.021 | | | | |
| CAOND116881 | 141.0 | 142.5 | 1.5 | 0.088 | | | | |
| CAOND116882 | 142.5 | 144.0 | 1.5 | 0.176 | | | | |
| CAOND116883 | 144.0 | 145.5 | 1.5 | 0.267 | | | | |
| CAOND116884 | 145.5 | 147.0 | 1.5 | 0.420 | | | | |
| CAOND116885 | 147.0 | 148.5 | 1.5 | 0.653 | | | | |
| CAOND116886 | 148.5 | 150.0 | 1.5 | 0.387 | | | | |

**Hole number:** KLUC18-519

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND116887 | 150.0 | 151.5 | 1.5 | 0.371 | 0.250 | 90 | 71 | |
| CAOND116888 | 151.5 | 153.0 | 1.5 | 0.146 | | | | |
| CAOND116889 | 153.0 | 154.1 | 1.1 | 0.537 | | | | |
| CAOND116891 | 154.1 | 155.5 | 1.4 | 0.055 | | | | |
| CAOND116892 | 155.5 | 156.5 | 1.1 | 0.036 | | | | |
| CAOND116893 | 156.5 | 158.0 | 1.5 | 0.756 | | | | |
| CAOND116894 | 158.0 | 158.5 | 0.5 | 0.209 | | | | |
| CAOND116895 | 158.5 | 159.3 | 0.8 | 0.067 | | | | |
| CAOND116896 | 159.3 | 160.5 | 1.2 | 0.021 | | | | |
| CAOND116897 | 160.5 | 162.0 | 1.5 | 0.012 | | | | |
| CAOND116898 | 162.0 | 163.5 | 1.5 | 0.012 | | | | |
| CAOND116899 | 163.5 | 165.0 | 1.5 | 0.011 | | | | |
| CAOND116901 | 165.0 | 166.5 | 1.5 | 0.019 | | | | |
| CAOND116902 | 166.5 | 168.0 | 1.5 | 0.097 | | | | |
| CAOND116903 | 168.0 | 169.5 | 1.5 | 0.003 | | | | |
| CAOND116904 | 169.5 | 171.0 | 1.5 | 0.012 | | | | |
| CAOND116905 | 171.0 | 172.5 | 1.5 | 0.013 | | | | |
| CAOND116906 | 172.5 | 173.5 | 1.0 | 0.017 | | | | |
| CAOND116907 | 173.5 | 174.5 | 1.0 | 0.017 | | | | |
| CAOND116908 | 174.5 | 175.1 | 0.6 | 0.018 | | | | |
| CAOND116909 | 175.1 | 176.5 | 1.4 | 0.017 | | | | |
| CAOND116910 | 176.5 | 178.0 | 1.5 | 0.021 | | | | |
| CAOND116911 | 178.0 | 179.5 | 1.5 | 0.009 | | | | |
| CAOND116912 | 179.5 | 181.0 | 1.5 | 0.034 | | | | |
| CAOND116913 | 181.0 | 182.5 | 1.5 | 0.030 | | | | |

**Major:** **From:** 182.50 **To:** 204.50 I2Dp, Porphyritic Syenite

Mineralized porphyrtic syenitite - Medium-coarse grained pink/purple matrix white laths of feldspar, in general are <0.3cm wide and feldar laths are up to 0.5 cm wide, 60% matrix and 40% feldspars. Unit is weakly to non magnetic and contians minor hairline fracture fills of calcite. Disseminated pyrite though out unit ~1%, proximal to contacts up to 10%. odd sporadic blebs of chalcopyrite seen in some of the calcite veinlets. Both contacts have blocky core. Chill margin developes from 193.80 to 200.m. Can still make out feldpar phenocrysts in some places but mostly fine grained and massive with increase sulphides up to 10 %

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND116914 | 182.5 | 184.0 | 1.5 | 0.045 | | | | |
| CAOND116916 | 184.0 | 185.5 | 1.5 | 0.464 | | | | |
| CAOND116917 | 185.5 | 187.0 | 1.5 | 0.045 | | | | |
| CAOND116918 | 187.0 | 188.0 | 1.0 | 0.047 | | | | |
| CAOND116919 | 188.0 | 189.5 | 1.5 | 0.023 | | | | |
| CAOND116921 | 189.5 | 191.0 | 1.5 | 0.007 | | | | |
| CAOND116922 | 191.0 | 192.5 | 1.5 | 0.008 | | | | |

**Hole number:** KLUC18-519

182.50, 182.70, PYR, BBY, 5.00, -, MGR, blebs, stringers and dissemianted.
182.70, 188.00, PYR, DIS, 5.00, -, MGR, evenly distributed pyrite
195.00, 197.40, PYR, BBY, 10.00, -, MGR, 0.3 cm wide blebs

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
193.80, 197.40, FRA, -, -, -, -, -, Anastomosing randomly oriented hairline fractures infilled with calcite

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
188.50, 191.20, QTZ_2, 3.00, 10.00, -, -, -, GRY_00025, .30, -, -, -, -
196.80, 196.81, QTZ, 100.00, 50.00, -, -, -, GRY_00025, 1.00, MAS, -, -, -
197.35, 197.40, CAL, 100.00, 50.00, -, -, -, -, 2.00, -, PYR, 50.00, veinlet of calcite with semimassive calcite

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND116923 | 192.5 | 193.8 | 1.3 | 0.020 | | | | |
| CAOND116924 | 193.8 | 195.0 | 1.2 | 0.034 | | | | |
| CAOND116926 | 195.0 | 196.3 | 1.3 | 0.133 | | | | |
| CAOND116927 | 196.3 | 197.5 | 1.2 | 0.109 | | | | |
| CAOND116928 | 197.5 | 199.0 | 1.5 | 0.653 | | | | |
| CAOND116929 | 199.0 | 200.0 | 1.0 | 0.126 | | | | |
| CAOND116931 | 200.0 | 200.9 | 0.9 | 0.967 | | | | |
| CAOND116932 | 200.9 | 202.0 | 1.1 | 0.022 | | | | |
| CAOND116933 | 202.0 | 203.5 | 1.5 | 0.019 | | | | |
| CAOND116934 | 203.5 | 205.0 | 1.5 | 0.052 | | | | |

**Major:** **From:** 204.50 **To:** 214.00 V8Gs, Trachyte green spotted

Mineralized Trachyte tuff with epidote alteration (undeformed) - Dark Grey, with green spots (0.2-0.5c)m wide consiting of epidote + calcite + pyrite), 15% epidote spots. Massive, strongly magnetic, fine grained with about 0.5% scattered; ehhedral; black; black shards. Calcite form irregularly thin hairline fracture sets at 30 degrees. Total calcite veinlets is 0.5%. Minor quartz is also associated with some of the calcite stringers. Mineralization consists of isolated blebs in epidote and thin stringer and fracture fill, pyrite tr to 1%. Mineralization is patchy and forms adjacent to thin hairline fractures. lower contact is at 40 degrees.

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
206.30, 206.50, QTZ, 30.00, 80.00, -, -, -, GRY_00025, .10, -, PYR, .50, 1cm wide array of quartz veins with minor calcite. pink alteration around rock
208.00, 212.00, QTZ_2, 5.00, 20.00, -, -, -, GRY_00025, .50, -, PYR, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND116935 | 205.0 | 206.3 | 1.3 | 0.069 | | | | |
| CAOND116936 | 206.3 | 206.7 | 0.4 | 0.093 | | | | |
| CAOND116937 | 206.7 | 208.0 | 1.3 | 0.017 | | | | |
| CAOND116938 | 208.0 | 209.0 | 1.0 | 0.015 | | | | |
| CAOND116939 | 209.0 | 210.0 | 1.0 | 0.012 | | | | |
| CAOND116940 | 210.0 | 211.5 | 1.5 | 0.011 | | | | |
| CAOND116941 | 211.5 | 213.0 | 1.5 | 0.009 | | | | |
| CAOND116942 | 213.0 | 214.0 | 1.0 | 0.005 | | | | |

**Major:** **From:** 214.00 **To:** 236.00 I2D, Syénite

Mineralized weakly porphyritic syenite. grey pink, non magentic, massive, dirty looking syenite, aboundant mafic xenoliths (angular) which increase towards lower contact. SEveral laths of amphibole with in uin. in general unit continas 1% disseminated sulphide with up to 8% near upper contact. Calcite stinger form roughly subparallel at 40 degrees and are thin.

**MINOR INTERVAL**
228.00 - 236.00: CTZUnit is chaotic looking, brecciated, with dark medium grained matrix and fine grained pinkish angular framents. matrix is 30 % and clasts are 70%. Clasts are weakly aligned at 35 degrees. PInk colour thought to be hematite. massive fine grained felisc pink dyke forms from 233.75 to 235.2m. Could be an intrusive breccia

**TEXTURE**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND116943 | 214.0 | 214.8 | 0.8 | 0.014 | | | | |
| CAOND116944 | 214.8 | 216.0 | 1.2 | 0.021 | | | | |
| CAOND116946 | 216.0 | 217.5 | 1.5 | 0.012 | | | | |
| CAOND116947 | 217.5 | 219.0 | 1.5 | 0.008 | | | | |
| CAOND116948 | 219.0 | 220.0 | 1.0 | 0.003 | | | | |
| CAOND116949 | 220.0 | 221.5 | 1.5 | 0.003 | | | | |
| CAOND116951 | 221.5 | 223.0 | 1.5 | 0.009 | | | | |
| CAOND116952 | 223.0 | 224.5 | 1.5 | 0.010 | | | | |

**Hole number:** KLUC18-519

TYPE/COLOR/GRAIN_SIZE/COMMENTS
214.00, 236.00, POR, -, MGR, -

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
214.00, 214.80, PYR, BBY, 8.00, -, MGR, ragged blebs of pyrite evenly distributed.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
224.00, 233.75, CHL+, PEN, MOD, RED_00001, FGR, -, Giving porphyry a dark colour
229.00, 233.75, HEM+, SEL, STRONG, PNK2_BASIC, -, -, fragments are pink
233.75, 235.20, HEM+, PEN, MOD, PNK2_BASIC, FGR, -, felsic dyke or sedimentary bed which is altered

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
219.50, 219.60, QTZ_2, 5.00, 30.00, -, -, -, GRY_00025, 1.00, -, -, -, Discontinous quartz surrounded in calcite

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND116953 | 224.5 | 226.0 | 1.5 | 0.024 | | | | |
| CAOND116954 | 226.0 | 227.5 | 1.5 | 0.024 | | | | |
| CAOND116955 | 227.5 | 229.0 | 1.5 | 0.066 | | | | |
| CAOND116956 | 229.0 | 230.5 | 1.5 | 0.037 | | | | |
| CAOND116957 | 230.5 | 232.0 | 1.5 | 0.045 | | | | |
| CAOND116958 | 232.0 | 232.9 | 0.9 | 0.049 | | | | |
| CAOND116959 | 232.9 | 233.8 | 0.9 | 0.090 | | | | |
| CAOND116961 | 233.8 | 235.2 | 1.5 | 0.123 | | | | |
| CAOND116962 | 235.2 | 236.0 | 0.8 | 0.086 | | | | |

**Major:** **From:** 236.00 **To:** 249.00 S3, GRAUWACKE

Mineralized sediments - Dark grey to black non-magnetic, bedded at 35 degrees, intercalated mudstone beds with in coarsergrained sediment. Dirty sandstone. Pyrite is disseminated through out and consists of cubic medium grained pyrite. Light pink alteration maybe hematite. Bedding is on cm scale.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
236.00, 249.00, PYR, DIS, 10.00, -, MGR, cubic pyrite detritial

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
236.00, 249.00, BDD, -, 35.00, -, -, -, -

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
240.00, 246.00, QTZ, 2.00, 10.00, -, -, -, GRY_00025, .50, -, -, -, low angle sharp veins

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND116963 | 236.0 | 237.5 | 1.5 | 0.187 | | | | |
| CAOND116964 | 237.5 | 239.0 | 1.5 | 0.325 | | | | |
| CAOND116965 | 239.0 | 240.5 | 1.5 | 0.040 | | | | |
| CAOND116966 | 240.5 | 242.0 | 1.5 | 0.088 | | | | |
| CAOND116967 | 242.0 | 243.5 | 1.5 | 0.057 | | | | |
| CAOND116968 | 243.5 | 245.0 | 1.5 | 0.048 | | | | |
| CAOND116969 | 245.0 | 246.5 | 1.5 | 0.028 | | | | |
| CAOND116971 | 246.5 | 248.0 | 1.5 | 0.024 | | | | |
| CAOND116972 | 248.0 | 249.0 | 1.0 | 0.048 | | | | |

**Hole number:** KLUC18-519

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 0.0 | 3.0 | 50.00 | 100.00 | | | N | |
| 3.0 | 6.0 | 73.00 | 100.00 | | | N | |
| 6.0 | 9.0 | 70.00 | 100.00 | | | N | |
| 9.0 | 12.0 | 90.00 | 100.00 | | | N | |
| 12.0 | 15.0 | 83.00 | 100.00 | | | N | |
| 15.0 | 18.0 | 87.00 | 100.00 | | | N | |
| 18.0 | 21.0 | 97.00 | 100.00 | | | N | |
| 21.0 | 24.0 | 90.00 | 100.00 | | | N | |
| 24.0 | 27.0 | 87.00 | 100.00 | | | N | |
| 27.0 | 30.0 | 83.00 | 100.00 | | | N | |
| 30.0 | 33.0 | 98.00 | 100.00 | | | N | |
| 33.0 | 36.0 | 87.00 | 100.00 | | | N | |
| 36.0 | 39.0 | 87.00 | 100.00 | | | N | |
| 39.0 | 42.0 | 85.00 | 100.00 | | | N | |
| 42.0 | 45.0 | 92.00 | 100.00 | | | N | |
| 45.0 | 48.0 | 100.00 | 100.00 | | | N | |
| 48.0 | 51.0 | 93.00 | 100.00 | | | N | |
| 51.0 | 54.0 | 100.00 | 100.00 | | | N | |
| 54.0 | 57.0 | 98.00 | 100.00 | | | N | |
| 57.0 | 60.0 | 97.00 | 100.00 | | | N | |
| 60.0 | 63.0 | 97.00 | 100.00 | | | N | |
| 63.0 | 66.0 | 66.00 | 100.00 | | | N | |
| 66.0 | 69.0 | 98.00 | 100.00 | | | N | |
| 69.0 | 72.0 | 100.00 | 100.00 | | | N | |
| 72.0 | 75.0 | 67.00 | 100.00 | | | N | |
| 75.0 | 78.0 | 90.00 | 100.00 | | | N | |
| 78.0 | 81.0 | 81.00 | 100.00 | | | N | |
| 81.0 | 84.0 | 83.00 | 100.00 | | | N | |

**Hole number:** KLUC18-519

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 84.0 | 87.0 | 93.00 | 100.00 | | | N | |
| 87.0 | 90.0 | 77.00 | 100.00 | | | N | |
| 90.0 | 93.0 | 90.00 | 100.00 | | | N | |
| 93.0 | 96.0 | 93.00 | 100.00 | | | N | |
| 96.0 | 99.0 | 97.00 | 100.00 | | | N | |
| 99.0 | 102.0 | 93.00 | 100.00 | | | N | |
| 102.0 | 105.0 | 98.00 | 100.00 | | | N | |
| 105.0 | 108.0 | 97.00 | 100.00 | | | N | |
| 108.0 | 111.0 | 87.00 | 100.00 | | | N | |
| 111.0 | 114.0 | 97.00 | 100.00 | | | N | |
| 114.0 | 117.0 | 97.00 | 100.00 | | | N | |
| 117.0 | 120.0 | 95.00 | 100.00 | | | N | |
| 120.0 | 123.0 | 100.00 | 100.00 | | | N | |
| 123.0 | 126.0 | 97.00 | 100.00 | | | N | |
| 126.0 | 129.0 | 98.00 | 100.00 | | | N | |
| 129.0 | 132.0 | 87.00 | 100.00 | | | N | |
| 132.0 | 135.0 | 93.00 | 100.00 | | | N | |
| 135.0 | 138.0 | 92.00 | 100.00 | | | N | |
| 138.0 | 141.0 | 100.00 | 100.00 | | | N | |
| 141.0 | 144.0 | 100.00 | 100.00 | | | N | |
| 144.0 | 147.0 | 98.00 | 100.00 | | | N | |
| 147.0 | 150.0 | 97.00 | 100.00 | | | N | |
| 150.0 | 153.0 | 95.00 | 100.00 | | | N | |
| 153.0 | 156.0 | 93.00 | 100.00 | | | N | |
| 156.0 | 159.0 | 93.00 | 100.00 | | | N | |
| 159.0 | 162.0 | 97.00 | 100.00 | | | N | |
| 162.0 | 165.0 | 100.00 | 100.00 | | | N | |
| 165.0 | 168.0 | 97.00 | 100.00 | | | N | |

**Hole number:** KLUC18-519

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 168.0 | 171.0 | 90.00 | 100.00 | | | N | |
| 171.0 | 174.0 | 87.00 | 100.00 | | | N | |
| 174.0 | 177.0 | 83.00 | 100.00 | | | N | |
| 177.0 | 180.0 | 90.00 | 100.00 | | | N | |
| 180.0 | 183.0 | 92.00 | 100.00 | | | N | |
| 183.0 | 186.0 | 98.00 | 100.00 | | | N | |
| 186.0 | 189.0 | 100.00 | 100.00 | | | N | |
| 189.0 | 192.0 | 98.00 | 100.00 | | | N | |
| 192.0 | 195.0 | 90.00 | 100.00 | | | N | |
| 195.0 | 198.0 | 83.00 | 100.00 | | | N | |
| 198.0 | 201.0 | 63.00 | 100.00 | | | N | |
| 201.0 | 204.0 | 100.00 | 100.00 | | | N | |
| 204.0 | 207.0 | 100.00 | 100.00 | | | N | |
| 207.0 | 210.0 | 95.00 | 100.00 | | | N | |
| 210.0 | 213.0 | 93.00 | 100.00 | | | N | |
| 213.0 | 216.0 | 100.00 | 100.00 | | | N | |
| 216.0 | 219.0 | 98.00 | 100.00 | | | N | |
| 219.0 | 222.0 | 100.00 | 100.00 | | | N | |
| 222.0 | 225.0 | 98.00 | 100.00 | | | N | |
| 225.0 | 228.0 | 87.00 | 100.00 | | | N | |
| 228.0 | 231.0 | 90.00 | 100.00 | | | N | |
| 231.0 | 234.0 | 90.00 | 100.00 | | | N | |
| 234.0 | 237.0 | 100.00 | 100.00 | | | N | |
| 237.0 | 240.0 | 95.00 | 100.00 | | | N | |
| 240.0 | 243.0 | 98.00 | 100.00 | | | N | |
| 243.0 | 246.0 | 98.00 | 100.00 | | | N | |
| 246.0 | 249.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC18-519

AGNICO EAGLE

# DRILL HOLE REPORT

## EXPLORATION CANADA ONTARIO

**Hole number:** KLUC18-520 **Project Number:** U_Canada **Project name:** Upper Canada

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Historic hole number:** | | **Collar survey:** | Y | **From:** | 0.0 | **Coordinates:** | P |
| **System:** | METRIC | **Verified:** | Y | **To:** | 258.0 | **Grid:** | UTM83-17_CSRS-2010: |
| **Target:** | UC_NORTHLAND | **Gas:** | N | **Depth:** | 258.0 | **North:** | 5,332,688.59 |
| **No. Claim:** | PAT-18822 | **Multishot survey:** | N | **Location:** | Surface | **East:** | 585,726.83 |
| **Year:** | 2 018 | **Is making water:** | N | **Core storage:** | Mine Site | **Elevation:** | 351.96 |
| **Date started:** | 11/29/2018 | **Object in hole:** | N | **Contractor:** | Major Diamond Drilling | **Collar dip:** | -50.30 |
| **Date logged:** | 2018-11-30 | **Pulse EM survey:** | N | **Logged by:** | Monica Oosterman | **Collar azimuth:** | 343.64 |
| **Date completed:** | 12/1/2018 | **Plugged:** | N | | | | |
| **Core size:** | NQ | **Cemented:** | N | **Signature:** | | | |
| **Hole type:** | EXP | **Branch:** | N | | | | |
| **Casing:** | Pulled | **Reserve:** | | | | | |
| **Logging status:** | Signed | | | | | | |
| **Rig number:** | 0135 | | | | | | |

**Additional sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Planned hole UCP18-090 designed to intersect northland 50m west of 510.
Intersected similar mineralization as 510
full stablization

**Assay average**

| Average type | From | To | Length | Width | Zone | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Pb_ppm | Ni_ppm | As_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WEIGHTED | 76.0 | 85.5 | 9.5 | | UC_N_LAND | 0.939 | | | | | | |
| WEIGHTED | 135.0 | 194.0 | 59.0 | | UC_N_LAND | 1.072 | | | | | | |

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments | Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 343.64 | -50.30 | S | O | | 15.0 | 343.90 | -49.70 | EZ | O | 56588 |
| 45.0 | 344.60 | -49.80 | EZ | O | 55966 | 75.0 | 345.50 | -49.70 | EZ | O | 54776 |
| 105.0 | 346.60 | -49.70 | EZ | O | 54831 | 135.0 | 347.30 | -49.60 | EZ | O | 54638 |
| 165.0 | 347.20 | -49.30 | EZ | O | 53819 | 195.0 | 350.10 | -49.20 | EZ | O | 54319 |
| 225.0 | 349.00 | -49.10 | EZ | O | 53766 | 252.0 | 349.80 | -49.00 | EZ | O | 55217 |

**Hole number:** KLUC18-520

| Certificate |
|---|
| TM18322526 |
| TM18322539 |
| TM18322543 |
| TM18324988 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505D18-022 | Excaon1 | CAOND116904 - CAOND117000<br>CAOND117077 - CAOND117239<br>CAOND117501 - CAOND117589<br>CAOND117591 - CAOND117600<br>CAOND117640 - CAOND117700<br>CAOND117726 - CAOND117729<br>CAOND117731 - CAOND117743<br>CAOND117751 - CAOND117816 |
| CXE5505D18-023 | Excaon1 | CAOND117240 - CAOND117277<br>CAOND117601 - CAOND117639<br>CAOND117701 - CAOND117725<br>CAOND117744 - CAOND117750<br>CAOND117817 - CAOND117886 |
| CXE5505D18WRA-010 | Excaon2-WRA | CAOND116988<br>CAOND117157<br>CAOND117197<br>CAOND117567<br>CAOND117652<br>CAOND117802 |
| CXE5505D19-071 | Excaon1 | CAOND114322<br>CAOND114326<br>CAOND114329<br>CAOND114344<br>CAOND114351<br>CAOND114383<br>CAOND114423<br>CAOND114436<br>CAOND114443<br>CAOND114446<br>CAOND114454<br>CAOND114458<br>CAOND116718<br>CAOND116726<br>CAOND116858<br>CAOND116861<br>CAOND116872<br>CAOND116903<br>CAOND116918<br>CAOND116944<br>CAOND116952<br>CAOND116957<br>CAOND116977 |

| Sample number | Standard |
|---|---|
| CAOND116975 | CDN-GS-5U-AEM |
| CAOND116990 | CDN-CM-28-AEM |
| CAOND117515 | CDN-CM-24-AEM |
| CAOND117520 | BLANK-DB |
| CAOND117530 | CDN-GS-5U-AEM |
| CAOND117545 | CDN-CM-28-AEM |
| CAOND117560 | CDN-CM-24-AEM |
| CAOND117570 | BLANK-DB |
| CAOND117575 | CDN-GS-5U-AEM |
| CAOND117590 | CDN-CM-28-AEM |
| CAOND117615 | CDN-CM-24-AEM |
| CAOND117620 | BLANK-DB |
| CAOND117630 | CDN-GS-5U-AEM |
| CAOND117715 | CDN-CM-24-AEM |
| CAOND117720 | BLANK-DB |
| CAOND117730 | CDN-GS-5U-AEM |
| CAOND117745 | CDN-CM-28-AEM |

**Hole number:** KLUC18-520

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND116988 |
| | | CAOND117059 |
| | | CAOND117063 |
| | | CAOND117069 - CAOND117070 |
| | | CAOND117091 |
| | | CAOND117117 |
| | | CAOND117121 |
| | | CAOND117134 |
| | | CAOND117146 |
| | | CAOND117169 |
| | | CAOND117177 |
| | | CAOND117193 |
| | | CAOND117197 |
| | | CAOND117232 |
| | | CAOND117251 |
| | | CAOND117276 |
| | | CAOND117285 |
| | | CAOND117287 |
| | | CAOND117307 |
| | | CAOND117317 |
| | | CAOND117348 |
| | | CAOND117352 - CAOND117354 |
| | | CAOND117367 |
| | | CAOND117376 |
| | | CAOND117408 |
| | | CAOND117410 |
| | | CAOND117431 |
| | | CAOND117467 |
| | | CAOND117489 |
| | | CAOND117492 - CAOND117493 |
| | | CAOND117501 |
| | | CAOND117563 - CAOND117564 |
| | | CAOND117591 |
| | | CAOND117596 |
| | | CAOND117619 |
| | | CAOND117622 |
| | | CAOND117631 - CAOND117632 |
| | | CAOND117670 |
| | | CAOND117678 - CAOND117679 |
| | | CAOND117681 |
| | | CAOND117691 |
| | | CAOND117696 |
| | | CAOND117732 - CAOND117733 |

**Hole number:** KLUC18-520

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND117761 |
| | | CAOND117778 |
| | | CAOND117788 |
| | | CAOND117803 |
| | | CAOND117817 |
| | | CAOND117863 |
| | | CAOND117871 |
| | | CAOND117936 |
| | | CAOND117981 |
| | | CAOND118114 |
| | | CAOND118135 |
| | | CAOND118143 |
| | | CAOND118145 |
| | | CAOND118236 |
| | | CAOND118251 |
| | | CAOND118287 |
| | | CAOND118301 |
| | | CAOND118316 |
| | | CAOND118319 |
| | | CAOND118346 |
| | | CAOND118351 |
| | | CAOND118381 |
| | | CAOND118395 |
| | | CAOND118410 |
| | | CAOND118436 |
| | | CAOND118463 |
| | | CAOND118479 |
| | | CAOND118481 |
| | | CAOND118539 |
| | | CAOND118556 |
| | | CAOND118618 |
| | | CAOND118631 |
| | | CAOND118664 |
| | | CAOND118684 |
| | | CAOND118686 |
| | | CAOND118688 |
| | | CAOND118707 |
| | | CAOND118720 |
| | | CAOND118754 |
| | | CAOND118793 |
| | | CAOND118829 |
| | | CAOND118835 |
| | | CAOND118851 |

**Hole number:** KLUC18-520

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND118859 |
| | | CAOND118862 |
| | | CAOND118897 |
| | | CAOND118933 |
| | | CAOND118941 |
| | | CAOND118947 |
| | | CAOND118954 |
| | | CAOND118966 |
| | | CAOND118981 |
| | | CAOND119502 |
| | | CAOND119526 |
| | | CAOND119551 |
| | | CAOND119564 |
| | | CAOND119569 |
| | | CAOND119571 |
| | | CAOND119573 |
| | | CAOND119583 |
| | | CAOND119585 |
| | | CAOND119591 |
| | | CAOND119621 |
| | | CAOND119645 |
| | | CAOND119677 |
| | | CAOND119771 |
| | | CAOND119802 |
| | | CAOND119809 |
| | | CAOND119817 |
| | | CAOND119841 |
| | | CAOND119846 |
| | | CAOND119873 |
| | | CAOND119913 |
| | | CAOND119918 |
| | | CAOND120032 - CAOND120033 |
| | | CAOND120048 |
| | | CAOND120081 |
| | | CAOND120085 |
| | | CAOND120118 |
| | | CAOND120170 |
| | | CAOND120183 |
| | | CAOND120361 |
| | | CAOND120371 |
| | | CAOND120381 |
| | | CAOND120399 |
| | | CAOND120422 |

**Hole number:** KLUC18-520

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND120481 |
| | | CAOND120512 |
| | | CAOND120566 - CAOND120567 |
| | | CAOND120569 |
| | | CAOND120581 |
| | | CAOND120618 |
| | | CAOND120632 |
| | | CAOND120637 |
| | | CAOND120643 |
| | | CAOND120658 |
| | | CAOND120685 |
| | | CAOND120687 |
| | | CAOND120692 |
| | | CAOND120701 |
| | | CAOND120712 |

*The sample list may content samples from other holes

**Major:** **From:** 0.00 **To:** 3.00 OVB, Overburden

**Major:** **From:** 3.00 **To:** 28.80 I2D, Syénite

Mineralized Syentite - Light pink, non-magnetic, massive, minimal thin calcite veinlets which form along fracture planes. Abundant black xenoliths which are angular and <1cm. Acicular amphibole 15% forms randomly through out unit. 5-8% disseminated pyrite with isolated patches of fracture controlled mineralization and clots of pyrite. Minor epidote seen along fracture controlled pyrite. Lower contact is sharp at 35 degrees.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

3.00, 12.75, PYR, DIS, 8.00, -, VFG, Disseminated

12.75, 16.75, PYR, DIS, 10.00, -, VFG, disseminated/ fracture controlled and clotts of pyrite. Epidote alteration

16.75, 28.80, PYR, DIS, 5.00, -, FGR, evenly disseminated through out unit

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

3.00, 28.80, HEM+, PEN, MOD, PNK2_BASIC, FGR, -, Possibly just a V8 with hematite alteration

12.75, 16.40, EPD+, SPO, WEAK, GRN2_BASIC, FGR, -, clotts of sulphide surround by epidote. Fracture controlled pyrite surrounded by epidote

24.00, 28.80, CHL+, SEL, STRONG, RED_00001, FGR, -, massive chorlite in fractures seen with calcite veinlets.

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND116973 | 3.0 | 4.5 | 1.5 | 0.196 | | | | |
| CAOND116974 | 4.5 | 6.0 | 1.5 | 0.069 | | | | |
| CAOND116976 | 6.0 | 7.5 | 1.5 | 0.067 | | | | |
| CAOND116977 | 7.5 | 9.0 | 1.5 | 0.089 | | | | |
| CAOND116978 | 9.0 | 10.5 | 1.5 | 0.069 | | | | |
| CAOND116979 | 10.5 | 12.0 | 1.5 | 0.058 | | | | |
| CAOND116981 | 12.0 | 12.8 | 0.8 | 0.259 | | | | |
| CAOND116982 | 12.8 | 14.0 | 1.3 | 0.385 | | | | |
| CAOND116983 | 14.0 | 15.0 | 1.0 | 0.236 | | | | |
| CAOND116984 | 15.0 | 16.4 | 1.4 | 0.236 | | | | |
| CAOND116985 | 16.4 | 17.0 | 0.6 | 0.114 | | | | |
| CAOND116986 | 17.0 | 18.5 | 1.5 | 0.113 | | | | |
| CAOND116987 | 18.5 | 20.0 | 1.5 | 0.093 | | | | |
| CAOND116988 | 20.0 | 21.5 | 1.5 | 0.085 | 0.250 | 38 | 50 | |
| CAOND116989 | 21.5 | 23.0 | 1.5 | 0.116 | | | | |
| CAOND116991 | 23.0 | 24.5 | 1.5 | 0.085 | | | | |
| CAOND116992 | 24.5 | 26.0 | 1.5 | 0.228 | | | | |

**Hole number:** KLUC18-520

3.00, 3.60, BRR, -, -, -, -, -, -

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
16.40, 16.60, QTZ_2, 40.00, 30.00, -, -, -, GRY_00025, 3.00, ANA, PYR, 1.00, irregular vein with black chlorite alteration, hematite alteration and minor sulphides

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND116993 | 26.0 | 27.5 | 1.5 | 0.325 | | | | |
| CAOND116994 | 27.5 | 28.8 | 1.3 | 0.511 | | | | |

**Major:** **From:** 28.80 **To:** 49.75 V8, Trachyte

Mineralized Trachyte Flow (undeformed) - Dark Grey, Massive, strongly magnetic, fine grained, minor calcite also in crackle fractures and associated with stringers of quartz. Minor epdiote alteration assoicated with clotted pyrite total sulphide is 1-8% average is 1%. Chlorite is seen associated with quartz calcaite veinlets. Mineralization fine grained disseminated and clotts of pyrite. Irregular hairline fractures infilled with calcite form at 30 degree.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
28.80, 49.75, PYR, DIS, 5.00, -, FGR, evenly disseminated

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
28.80, 39.00, CHL+, SEL, STRONG, RED_00001, FGR, -, massive chorlite in fractures seen with calcite veinlets.

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
35.75, 36.00, FAL, STRONG, 40.00, -, -, -, gauge with hematite staining calcite, and chlorite alteraiotn

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
35.70, 38.75, CAL, 5.00, 10.00, -, -, -, GRY_00025, 1.00, FRF, PYR, .10, trace sulphide associated with flat lying calcite veins

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND116995 | 28.8 | 30.0 | 1.2 | 0.133 | | | | |
| CAOND116996 | 30.0 | 31.5 | 1.5 | 0.084 | | | | |
| CAOND116997 | 31.5 | 33.0 | 1.5 | 0.123 | | | | |
| CAOND116998 | 33.0 | 34.5 | 1.5 | 0.379 | | | | |
| CAOND116999 | 34.5 | 35.8 | 1.3 | 1.140 | | | | |
| CAOND117501 | 35.8 | 37.0 | 1.3 | 0.511 | | | | |
| CAOND117502 | 37.0 | 38.0 | 1.0 | 0.356 | | | | |
| CAOND117503 | 38.0 | 38.8 | 0.8 | 0.610 | | | | |
| CAOND117504 | 38.8 | 40.0 | 1.3 | 0.117 | | | | |
| CAOND117505 | 40.0 | 41.5 | 1.5 | 0.136 | | | | |
| CAOND117506 | 41.5 | 43.0 | 1.5 | 0.155 | | | | |
| CAOND117507 | 43.0 | 44.5 | 1.5 | 0.282 | | | | |
| CAOND117508 | 44.5 | 46.0 | 1.5 | 0.134 | | | | |
| CAOND117509 | 46.0 | 47.5 | 1.5 | 0.047 | | | | |
| CAOND117510 | 47.5 | 49.0 | 1.5 | 0.150 | | | | |
| CAOND117511 | 49.0 | 49.8 | 0.8 | 0.242 | | | | |

**Major:** **From:** 49.75 **To:** 54.30 I2Dp, Porphyritic Syenite

Porphyrtic syenite - Salmon pink, aphantic, massive, non-magnetic, trace to barren, Pervasive sercite alteration which distroyes porphyrtic texture. Chlorite seen along fracture planes. THin irregular quartz+carbonate veinlets up to 15%. lower contact 90 degrees.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
51.50, 54.30, PYR, STG, .50, -, FGR, sporadic stringers of pyrite in unist form at 30 degrees.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117512 | 49.8 | 51.1 | 1.4 | 0.080 | | | | |
| CAOND117513 | 51.1 | 52.0 | 0.9 | 0.114 | | | | |
| CAOND117514 | 52.0 | 53.0 | 1.0 | 0.112 | | | | |
| CAOND117516 | 53.0 | 54.3 | 1.3 | 0.224 | | | | |

**Hole number:** KLUC18-520

49.75, 54.30, HEM+, PEN, STRONG, PNK2_BASIC, FGR, -, aphantic grain size reduction becuase of alteration
51.00, 53.00, CHL+, VEN, STRONG, RED_00001, FGR, -, 0.5 wide stingers of massive chlorite
51.00, 54.30, CHL+, SEL, STRONG, RED_00001, FGR, -, massive chorlite in fractures seen with calcite veinlets.

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
51.50, 54.30, QTZ_2, 10.00, 40.00, -, -, -, GRY_00025, 1.00, IRR, PYR, 1.00, isolated stingers of pyrite (thin stringers). Crackle infill of veins. Massive black chlorite veins also seen

**Major:** **From:** 54.30 **To:** 74.50 V8, Trachyte

Mineralized Trachyte Flow (undeformed) - Dark Grey, Massive, strongly magnetic, fine grained, minor calcite also in crackle fractures and associated with stringers of quartz. Minor epdiote alteration assoicated with clotted pyrite total sulphide is 1-5% average is 1%. Chlorite is seen associated with quartz calcaite veinlets. Mineralization fine grained disseminated and clotts of pyrite. Irregular hairline fractures infilled with calcite form at 30 degree.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
54.30, 55.00, PYR, STG, .50, -, FGR, sporadic stringers of pyrite in unist form at 30 degrees.
54.30, 66.00, PYR, DIS, 1.00, -, FGR, -
72.00, 74.50, PYR, DIS, 3.00, -, FGR, forms with calcite

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
72.00, 74.50, FOL, MOD, 30.00, -, -, -, defined by veinlets

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
54.30, 55.00, QTZ_2, 10.00, 40.00, -, -, -, GRY_00025, 1.00, IRR, PYR, 1.00, isolated stingers of pyrite (thin stringers). Crackle infill of veins. Massive black chlorite veins also seen
72.00, 74.50, CAL, 25.00, 20.00, -, -, -, GRY_00025, .30, ANA, PYR, 3.00, array of discontinous veinlets of calcite.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117517 | 54.3 | 55.5 | 1.2 | 0.217 | | | | |
| CAOND117518 | 55.5 | 57.0 | 1.5 | 0.545 | | | | |
| CAOND117519 | 57.0 | 58.5 | 1.5 | 0.090 | | | | |
| CAOND117521 | 58.5 | 60.0 | 1.5 | 0.062 | | | | |
| CAOND117522 | 60.0 | 61.5 | 1.5 | 0.088 | | | | |
| CAOND117523 | 61.5 | 63.0 | 1.5 | 0.147 | | | | |
| CAOND117524 | 63.0 | 64.5 | 1.5 | 0.089 | | | | |
| CAOND117526 | 64.5 | 66.0 | 1.5 | 0.061 | | | | |
| CAOND117527 | 66.0 | 67.5 | 1.5 | 0.102 | | | | |
| CAOND117528 | 67.5 | 69.0 | 1.5 | 0.056 | | | | |
| CAOND117529 | 69.0 | 70.5 | 1.5 | 0.025 | | | | |
| CAOND117531 | 70.5 | 72.0 | 1.5 | 0.099 | | | | |
| CAOND117532 | 72.0 | 73.5 | 1.5 | 1.010 | | | | |
| CAOND117533 | 73.5 | 74.5 | 1.0 | 0.391 | | | | |

**Major:** **From:** 74.50 **To:** 99.00 CTZ, Contact Zone

weakly-moderately mineralized dirty looking syentite - Dark gray pink, strongly magentic, Increased chlorite alteration. Minor calcite quartz stringers, strong interstial calcite. 5% disseminated pyrite with strong calcite stingers whic form at 30 to 20 degrees. Unit is weakly foliated at 30 degrees. Unit abundant black angular xenoliths which are randomly oriented. Contact with fresh looking porphyry is gradational.

**MINERALIZATION**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117534 | 74.5 | 76.0 | 1.5 | 0.076 | | | | |
| CAOND117535 | 76.0 | 77.5 | 1.5 | 1.550 | | | | |
| CAOND117536 | 77.5 | 79.0 | 1.5 | 0.985 | | | | |
| CAOND117537 | 79.0 | 80.5 | 1.5 | 0.702 | | | | |

**Hole number:** KLUC18-520

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
76.10, 86.00, PYR, DIS, 5.00, -, FGR, evenly disseminated
87.25, 87.30, PYR, STG, 1.00, -, FGR, 0.3 cm wide stringer form st 60 degreesw
90.40, 90.45, PYR, STG, 1.00, -, FGR, 0.8 cm wide stringer form at 60 degrees.
98.80, 99.00, PYR, STG, 1.00, -, FGR, Several subparallel stringers form at 50 degrees. Pink alteration around stringers.

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
74.50, 84.00, FOL, MOD, 30.00, -, -, -, defined by veinlets
88.40, 88.80, FOL, MOD, 20.00, -, -, -, defined by veinlets

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
81.00, 84.00, CAL, 5.00, 20.00, -, -, -, GRY_00025, .20, DSN, PYR, 5.00, -
88.40, 88.80, CAL, 40.00, 20.00, -, -, -, GRY_00025, .50, ANA, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117538 | 80.5 | 81.5 | 1.0 | 0.702 | | | | |
| CAOND117539 | 81.5 | 82.5 | 1.0 | 0.160 | | | | |
| CAOND117540 | 82.5 | 84.0 | 1.5 | 0.747 | | | | |
| CAOND117541 | 84.0 | 85.5 | 1.5 | 1.385 | | | | |
| CAOND117542 | 85.5 | 87.0 | 1.5 | 0.114 | | | | |
| CAOND117543 | 87.0 | 88.4 | 1.4 | 0.214 | | | | |
| CAOND117544 | 88.4 | 88.8 | 0.4 | 0.114 | | | | |
| CAOND117546 | 88.8 | 90.0 | 1.2 | 0.212 | | | | |
| CAOND117547 | 90.0 | 91.5 | 1.5 | 4.910 | | | | |
| CAOND117548 | 91.5 | 93.0 | 1.5 | 0.256 | | | | |
| CAOND117549 | 93.0 | 94.5 | 1.5 | 0.173 | | | | |
| CAOND117551 | 94.5 | 96.0 | 1.5 | 0.289 | | | | |
| CAOND117552 | 96.0 | 97.5 | 1.5 | 0.601 | | | | |
| CAOND117553 | 97.5 | 98.5 | 1.0 | 0.749 | | | | |
| CAOND117554 | 98.5 | 99.0 | 0.5 | 0.791 | | | | |

**Major:** **From:** 99.00 **To:** 161.65 I2Dp, Porphyritic Syenite

Weakly mineralized syentite porphyry - Fine grained matrix, strongly magnetic, massive, matrix dominate with only 10% feldspar, feldspars are <0.3cm. 10% amphibole laths and the odd mafic xenolith. Sulphides are disseminated pyrite with one bleb of Chalcopyrite seen in calcite stirnger, 3% fine grained pyrite with up to 8% in segments. <1 % calcite veinlets which from at 30 and 15 degrees. 156.2-158.75m coarse grained porphyry phenocrysts 0.5cm wide.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
113.00, 113.01, CPY, BBY, 1.00, -, MGR, 0.5 cm wide cp in calcite stringer
139.00, 147.20, PYR, DIS, 5.00, -, FGR, disseminated and stringer mineralization.
152.00, 154.00, PYR, DIS, 5.00, -, FGR, fine grained disseminated pyrite.
156.20, 158.75, PYR, DIS, 3.00, -, FGR, dissemianted and blebby pyrite in porphyritic syenite
158.75, 161.65, PYR, STG, 8.00, -, FGR, Stringer + disseminated sulphide. Stringers are often associated.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
144.50, 145.00, HEM+, PEN, MOD, PNK2_BASIC, FGR, -, -
149.85, 150.40, CHL+, SEL, MOD, RED_00001, FGR, -, formed in hairline fracture and as clotts

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
149.85, 150.40, FLD, WEAK, 40.00, -, -, -, wavy foliation, small shear

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117555 | 99.0 | 100.5 | 1.5 | 0.308 | | | | |
| CAOND117556 | 100.5 | 102.0 | 1.5 | 0.104 | | | | |
| CAOND117557 | 102.0 | 103.5 | 1.5 | 0.043 | | | | |
| CAOND117558 | 103.5 | 105.0 | 1.5 | 0.078 | | | | |
| CAOND117559 | 105.0 | 106.5 | 1.5 | 0.030 | | | | |
| CAOND117561 | 106.5 | 108.0 | 1.5 | 0.060 | | | | |
| CAOND117562 | 108.0 | 109.5 | 1.5 | 0.049 | | | | |
| CAOND117563 | 109.5 | 111.0 | 1.5 | 0.186 | | | | |
| CAOND117564 | 111.0 | 112.5 | 1.5 | 0.141 | | | | |
| CAOND117565 | 112.5 | 114.0 | 1.5 | 0.173 | | | | |
| CAOND117566 | 114.0 | 115.5 | 1.5 | 0.236 | | | | |
| CAOND117567 | 115.5 | 117.0 | 1.5 | 0.212 | 0.250 | 38 | 47 | |
| CAOND117568 | 117.0 | 118.5 | 1.5 | 0.062 | | | | |
| CAOND117569 | 118.5 | 120.0 | 1.5 | 0.030 | | | | |
| CAOND117571 | 120.0 | 121.5 | 1.5 | 0.030 | | | | |
| CAOND117572 | 121.5 | 123.0 | 1.5 | 0.067 | | | | |
| CAOND117573 | 123.0 | 124.5 | 1.5 | 0.028 | | | | |

**Hole number:** KLUC18-520

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS
113.00, 113.10, CAL, 10.00, 30.00, -, -, -, GRY_00025, .30, DSN, CPY, 1.00, isolated bleb of cp 0.5 cm wide in calcite veinlet
139.00, 148.00, CAL, 1.00, 15.00, -, -, -, GRY_00025, .20, SBL, -, -, array of regular spaced veinlets
152.40, 158.00, QTZ_2, 3.00, 40.00, -, -, -, GRY_00025, 1.00, WLA, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117574 | 124.5 | 126.0 | 1.5 | 0.052 | | | | |
| CAOND117576 | 126.0 | 127.5 | 1.5 | 0.035 | | | | |
| CAOND117577 | 127.5 | 129.0 | 1.5 | 0.028 | | | | |
| CAOND117578 | 129.0 | 130.5 | 1.5 | 0.120 | | | | |
| CAOND117579 | 130.5 | 132.0 | 1.5 | 0.114 | | | | |
| CAOND117581 | 132.0 | 133.5 | 1.5 | 0.192 | | | | |
| CAOND117582 | 133.5 | 135.0 | 1.5 | 0.090 | | | | |
| CAOND117583 | 135.0 | 136.5 | 1.5 | 0.790 | | | | |
| CAOND117584 | 136.5 | 138.0 | 1.5 | 1.195 | | | | |
| CAOND117585 | 138.0 | 139.0 | 1.0 | 1.700 | | | | |
| CAOND117586 | 139.0 | 140.5 | 1.5 | 1.400 | | | | |
| CAOND117587 | 140.5 | 142.0 | 1.5 | 1.050 | | | | |
| CAOND117588 | 142.0 | 143.5 | 1.5 | 0.902 | | | | |
| CAOND117589 | 143.5 | 145.0 | 1.5 | 9.100 | | | | |
| CAOND117591 | 145.0 | 146.0 | 1.0 | 0.575 | | | | |
| CAOND117592 | 146.0 | 147.2 | 1.2 | 1.035 | | | | |
| CAOND117593 | 147.2 | 148.5 | 1.3 | 0.905 | | | | |
| CAOND117594 | 148.5 | 149.9 | 1.4 | 1.070 | | | | |
| CAOND117595 | 149.9 | 151.0 | 1.2 | 0.250 | | | | |
| CAOND117596 | 151.0 | 152.5 | 1.5 | 0.909 | | | | |
| CAOND117597 | 152.5 | 154.0 | 1.5 | 2.530 | | | | |
| CAOND117598 | 154.0 | 155.5 | 1.5 | 0.685 | | | | |
| CAOND117599 | 155.5 | 156.2 | 0.7 | 0.174 | | | | |
| CAOND117726 | 156.2 | 157.5 | 1.3 | 1.260 | | | | |
| CAOND117727 | 157.5 | 158.8 | 1.3 | 0.277 | | | | |
| CAOND117728 | 158.8 | 160.3 | 1.5 | 1.390 | | | | |
| CAOND117729 | 160.3 | 161.7 | 1.4 | 0.504 | | | | |

**Major:** **From:** 161.65 **To:** 186.10 V8, Trachyte

Mineralized Trachyte Flow (undeformed) - Dark pink Grey, Massive, strongly magnetic, fine grained, minor calcite also in crackle fractures and associated with stringers of calcite and quartz. Pervasive hematite alteration. Chlorite is seen associated with quartz calcaite veinlets and in fractures. Mineralization fine grained disseminated and clotts as well as stringers, ranges from tr to 8% pyrite. Increase in mineralization where thin hairline fractures increasee. minor breccia seen at 181.5-183, calcite forms in the matrix. In general calcite stringers are minor and form at 30 degrees.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117731 | 161.7 | 163.0 | 1.4 | 0.481 | | | | |
| CAOND117732 | 163.0 | 163.8 | 0.8 | 0.371 | | | | |
| CAOND117733 | 163.8 | 164.5 | 0.7 | 0.627 | | | | |
| CAOND117734 | 164.5 | 165.5 | 1.1 | 0.317 | | | | |
| CAOND117735 | 165.5 | 167.0 | 1.5 | 1.320 | | | | |

**Hole number:** KLUC18-520

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
163.75, 164.45, PYR, STG, 5.00, -, FGR, stringer and disseminated pyrite. Thin stringers
170.00, 172.20, PYR, DIS, 8.00, -, FGR, disseminated with minor blebs
181.60, 182.10, PYR, BBY, 5.00, -, FGR, infill of sulphide and calcite in breccia.
185.25, 186.10, PYR, STG, 8.00, -, FGR, Stringer and ragged blebs of pyrite

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
167.80, 168.70, CHL+, SEL, MOD, RED_00001, FGR, -, Formed in hairline fractures
177.00, 183.70, CHL+, SEL, -, RED_00001, FGR, -, formed in hairline fractures

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
181.60, 183.20, BRC, WEAK, 40.00, -, -, -, Autobreccia. clast supported with chlorite and calcite in matrix. Angular clasts.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117736 | 167.0 | 168.5 | 1.5 | 1.355 | | | | |
| CAOND117737 | 168.5 | 170.0 | 1.5 | 1.270 | | | | |
| CAOND117738 | 170.0 | 171.0 | 1.0 | 2.400 | | | | |
| CAOND117739 | 171.0 | 172.2 | 1.2 | 0.347 | | | | |
| CAOND117740 | 172.2 | 173.0 | 0.8 | 0.253 | | | | |
| CAOND117741 | 173.0 | 174.5 | 1.5 | 0.481 | | | | |
| CAOND117742 | 174.5 | 176.0 | 1.5 | 0.461 | | | | |
| CAOND117743 | 176.0 | 177.5 | 1.5 | 0.533 | | | | |
| CAOND117744 | 177.5 | 179.0 | 1.5 | 0.714 | | | | |
| CAOND117746 | 179.0 | 180.5 | 1.5 | 1.265 | | | | |
| CAOND117747 | 180.5 | 181.6 | 1.1 | 0.972 | | | | |
| CAOND117748 | 181.6 | 182.1 | 0.5 | 0.187 | | | | |
| CAOND117749 | 182.1 | 183.1 | 1.0 | 0.076 | | | | |
| CAOND117701 | 183.1 | 184.4 | 1.3 | 0.073 | | | | |
| CAOND117702 | 184.4 | 185.3 | 0.9 | 0.181 | | | | |
| CAOND117703 | 185.3 | 186.1 | 0.9 | 1.340 | | | | |

**Major:** **From:** 186.10 **To:** 218.90 V8Gs, Trachyte green spotted

weakly mineralized Trachyte tuff with epidote alteration (undeformed) - Dark Grey, with green spots (1cm wide consiting of epidote + calcite + pyrite). Massive, strongly magnetic, fine grained with about 1% scattered; ehhedral; black; amphibole laths and black shards. Calcite seen in crackle fractures and associated with stringers of quartz. Most of the veining comprises 1-2% thready/ gashy white calcite + Quartz fractures and veinlets with local scattered (<<1%) calcite- chlorite- Py feathery/ streamy veining to 3cm. Mineralization ranges from trace to 5% pyrite is seen as blebs with in epidote alteration and in fractures, in general sulphide contact is between trace and 1%. Disseminated sulphides are minor but the odd stringer of pyrite can be seen sporadically throught out unit.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
194.00, 194.15, PYR, STG, 5.00, -, FGR, two massive stringers of pyrite associated with calcite form at 40 degrees.
200.30, 200.85, PYR, STG, 8.00, -, FGR, Thin stringers assoicated with thin veinlets of calcite

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
216.00, 217.30, CHL+, SEL, MOD, RED_00001, FGR, -, formed in hairline fractures and as interstial chlorite.

**STRUCTURE**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117704 | 186.1 | 187.5 | 1.4 | 0.605 | | | | |
| CAOND117705 | 187.5 | 189.0 | 1.5 | 0.530 | | | | |
| CAOND117706 | 189.0 | 190.5 | 1.5 | 0.733 | | | | |
| CAOND117707 | 190.5 | 192.0 | 1.5 | 0.902 | | | | |
| CAOND117708 | 192.0 | 193.0 | 1.0 | 0.683 | | | | |
| CAOND117709 | 193.0 | 194.0 | 1.0 | 0.846 | | | | |
| CAOND117710 | 194.0 | 194.5 | 0.5 | 0.196 | | | | |
| CAOND117711 | 194.5 | 196.0 | 1.5 | 0.289 | | | | |
| CAOND117712 | 196.0 | 197.5 | 1.5 | 0.173 | | | | |
| CAOND117713 | 197.5 | 199.0 | 1.5 | 0.311 | | | | |
| CAOND117714 | 199.0 | 200.3 | 1.3 | 0.149 | | | | |
| CAOND117716 | 200.3 | 200.9 | 0.6 | 0.129 | | | | |
| CAOND117717 | 200.9 | 202.0 | 1.2 | 0.065 | | | | |
| CAOND117718 | 202.0 | 203.5 | 1.5 | 0.057 | | | | |
| CAOND117719 | 203.5 | 205.0 | 1.5 | 0.206 | | | | |
| CAOND117721 | 205.0 | 206.5 | 1.5 | 0.025 | | | | |

**Hole number:** KLUC18-520

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
192.00, 194.00, FRA, MOD, 10.00, -, -, -, low angle fractures produce rubbly core

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
196.30, 199.30, QTZ_2, 1.00, 70.00, -, -, -, GRY_00025, 1.00, -, -, -, sharp veinslets.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117722 | 206.5 | 208.0 | 1.5 | 0.045 | | | | |
| CAOND117723 | 208.0 | 209.5 | 1.5 | 0.064 | | | | |
| CAOND117724 | 209.5 | 211.0 | 1.5 | 0.083 | | | | |
| CAOND117601 | 211.0 | 212.5 | 1.5 | 0.071 | | | | |
| CAOND117602 | 212.5 | 214.0 | 1.5 | 0.153 | | | | |
| CAOND117603 | 214.0 | 215.5 | 1.5 | 0.088 | | | | |
| CAOND117604 | 215.5 | 217.0 | 1.5 | 0.188 | | | | |
| CAOND117605 | 217.0 | 218.0 | 1.0 | 0.060 | | | | |
| CAOND117606 | 218.0 | 218.9 | 0.9 | 0.056 | | | | |

**Major:** **From:** 218.90 **To:** 219.90 I2D, Syénite

Dark brick red, fine grained, massive, non magnetic, strongly hematitized. minor stringers of pyrite, Irregular patches of chlorite which are often assoicated with more blebby pyrite, minor calcite veinlets.

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
218.90, 218.91, CCT, -, 70.00, -, -, -, wavy contact

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
219.85, 219.90, QTZ, 5.00, 40.00, -, -, -, GRY_00025, 1.00, ANA, -, -, massive quartz vein forms at contact

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117607 | 218.9 | 219.9 | 1.0 | 0.135 | | | | |

**Major:** **From:** 219.90 **To:** 245.60 V8Gs, Trachyte green spotted

Mineralized Trachyte tuff with epidote alteration (undeformed) - Pinkish Grey, with green spots (1cm wide consiting of epidote + calcite + pyrite). Massive, strongly magnetic, fine grained with about 1% scattered; ehhedral; black; amphibole laths and black shards. Calcite aseen in crackle fractures and associated with stringers of quartz. Most of the veining comprises 1-2% thready/ gashy white calcite + Quartz fractures and veinlets with local scattered (<<1%) calcite- chlorite- Py feathery/ streamy veining to 3cm. Mineralization ranges from trace to several percent fine grained disseminated and blebby pyrite, stringer pyrite forming with calcite and quartz and fracture controlled pyrite. In general stringers are at low angles. Pyrite is seen as blebs with in epidote alteration and in fractures, in general sulphide contact is between trace and 3% although can be up to 8%.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
238.60, 238.90, PYR, DIS, 5.00, -, FGR, patchy dissemianted pyrite in blotches of epidote
240.00, 243.25, PYR, DIS, 5.00, -, FGR, disseminated an clotts of pyrite in epidote.
243.25, 243.60, PYR, STG, 8.00, -, FGR, thin stringers and disseminated pyrite

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117608 | 219.9 | 221.0 | 1.1 | 0.085 | | | | |
| CAOND117609 | 221.0 | 222.5 | 1.5 | 0.135 | | | | |
| CAOND117610 | 222.5 | 224.0 | 1.5 | 0.085 | | | | |
| CAOND117611 | 224.0 | 225.5 | 1.5 | 0.202 | | | | |
| CAOND117612 | 225.5 | 227.0 | 1.5 | 0.155 | | | | |
| CAOND117613 | 227.0 | 228.5 | 1.5 | 0.231 | | | | |
| CAOND117614 | 228.5 | 230.0 | 1.5 | 0.266 | | | | |
| CAOND117616 | 230.0 | 231.5 | 1.5 | 0.114 | | | | |
| CAOND117617 | 231.5 | 233.0 | 1.5 | 0.076 | | | | |
| CAOND117618 | 233.0 | 234.5 | 1.5 | 0.073 | | | | |
| CAOND117619 | 234.5 | 236.0 | 1.5 | 0.115 | | | | |
| CAOND117621 | 236.0 | 237.5 | 1.5 | 0.029 | | | | |

## Hole number: KLUC18-520

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
221.00, 243.60, HEM+, PAT, MOD, PNK2_BASIC, FGR, -, Patchy alteration of hematite which forms on meter scale, pervasive hematite

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
219.90, 219.91, CCT, -, 30.00, -, -, -, -
243.60, 243.61, CCT, -, 60.00, -, -, -, sharp
243.60, 245.60, BDD, -, 15.00, -, -, -, wide beds of very fine grained sediment and fine sediment.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117622 | 237.5 | 238.6 | 1.1 | 0.053 | | | | |
| CAOND117623 | 238.6 | 239.0 | 0.4 | 0.050 | | | | |
| CAOND117624 | 239.0 | 240.5 | 1.5 | 0.033 | | | | |
| CAOND117626 | 240.5 | 242.0 | 1.5 | 0.065 | | | | |
| CAOND117627 | 242.0 | 243.3 | 1.3 | 0.076 | | | | |
| CAOND117628 | 243.3 | 244.5 | 1.3 | 0.093 | | | | |
| CAOND117629 | 244.5 | 245.6 | 1.1 | 0.108 | | | | |

**Major:** **From:** 245.60 **To:** 250.60 Silt, Silt

Siltstone - dark gray to black, non magnetic, weakly bedded at 15 degrees. Sulphides are cubic looking and disseminated in trace amounts. alteration is chloritic and hemaatite.. Sharp lower contact with syentite at 15 degrees.

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
245.60, 250.60, BDD, -, 15.00, -, -, -, wide beds of very fine grained sediment and fine sediment.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117631 | 245.6 | 246.5 | 0.9 | 0.207 | | | | |
| CAOND117632 | 246.5 | 248.0 | 1.5 | 0.032 | | | | |
| CAOND117633 | 248.0 | 249.2 | 1.2 | 0.031 | | | | |
| CAOND117634 | 249.2 | 250.6 | 1.4 | 0.030 | | | | |

**Major:** **From:** 250.60 **To:** 258.00 I2D, Syénite

Dark brick red, fine grained, massive, moderately magnetic, strongly hematitized. Uniform looking, 3% disseminated cubic sulphides, Irregular patches of chlorite with veinlets. Quartz calcite veinlests from at 30 and 60 degrees. Ingenearl the veinlets are non mineralized and form 1% of the rock. They are <1cm wide.

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
250.60, 250.61, CCT, -, 15.00, -, -, -, sharp

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117635 | 250.6 | 252.0 | 1.4 | 0.016 | | | | |
| CAOND117636 | 252.0 | 253.5 | 1.5 | 0.022 | | | | |
| CAOND117637 | 253.5 | 255.0 | 1.5 | 0.029 | | | | |
| CAOND117638 | 255.0 | 256.5 | 1.5 | 0.024 | | | | |
| CAOND117639 | 256.5 | 258.0 | 1.5 | 0.023 | | | | |

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 0.0 | 6.0 | 67.00 | 100.00 | | | N | |
| 6.0 | 9.0 | 90.00 | 100.00 | | | N | |
| 9.0 | 12.0 | 83.00 | 100.00 | | | N | |
| 15.0 | 18.0 | 80.00 | 100.00 | | | N | |
| 18.0 | 21.0 | 100.00 | 100.00 | | | N | |
| 21.0 | 24.0 | 83.00 | 100.00 | | | N | |
| 24.0 | 27.0 | 85.00 | 100.00 | | | N | |

**Hole number:** KLUC18-520

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 27.0 | 30.0 | 80.00 | 100.00 | | | N | |
| 30.0 | 33.0 | 80.00 | 100.00 | | | N | |
| 33.0 | 36.0 | 73.00 | 100.00 | | | N | |
| 36.0 | 39.0 | 50.00 | 100.00 | | | N | |
| 39.0 | 42.0 | 17.00 | 100.00 | | | N | |
| 42.0 | 45.0 | 87.00 | 100.00 | | | N | |
| 45.0 | 48.0 | 83.00 | 100.00 | | | N | |
| 48.0 | 51.0 | 93.00 | 100.00 | | | N | |
| 51.0 | 54.0 | 100.00 | 100.00 | | | N | |
| 54.0 | 57.0 | 98.00 | 100.00 | | | N | |
| 57.0 | 60.0 | 88.00 | 100.00 | | | N | |
| 60.0 | 63.0 | 90.00 | 100.00 | | | N | |
| 63.0 | 66.0 | 95.00 | 100.00 | | | N | |
| 66.0 | 69.0 | 85.00 | 100.00 | | | N | |
| 69.0 | 72.0 | 90.00 | 100.00 | | | N | |
| 72.0 | 75.0 | 77.00 | 100.00 | | | N | |
| 75.0 | 78.0 | 93.00 | 100.00 | | | N | |
| 78.0 | 81.0 | 87.00 | 100.00 | | | N | |
| 81.0 | 84.0 | 80.00 | 100.00 | | | N | |
| 84.0 | 87.0 | 93.00 | 100.00 | | | N | |
| 87.0 | 90.0 | 98.00 | 100.00 | | | N | |
| 90.0 | 93.0 | 90.00 | 100.00 | | | N | |
| 93.0 | 96.0 | 100.00 | 100.00 | | | N | |
| 96.0 | 99.0 | 100.00 | 100.00 | | | N | |
| 99.0 | 102.0 | 97.00 | 100.00 | | | N | |
| 102.0 | 105.0 | 98.00 | 100.00 | | | N | |
| 105.0 | 108.0 | 93.00 | 100.00 | | | N | |
| 108.0 | 111.0 | 98.00 | 100.00 | | | N | |

**Hole number:** KLUC18-520

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 111.0 | 114.0 | 97.00 | 100.00 | | | N | |
| 114.0 | 117.0 | 97.00 | 100.00 | | | N | |
| 117.0 | 120.0 | 100.00 | 100.00 | | | N | |
| 120.0 | 123.0 | 100.00 | 100.00 | | | N | |
| 123.0 | 126.0 | 100.00 | 100.00 | | | N | |
| 126.0 | 129.0 | 100.00 | 100.00 | | | N | |
| 129.0 | 132.0 | 92.00 | 100.00 | | | N | |
| 132.0 | 135.0 | 100.00 | 100.00 | | | N | |
| 135.0 | 138.0 | 60.00 | 100.00 | | | N | |
| 138.0 | 141.0 | 90.00 | 100.00 | | | N | |
| 141.0 | 144.0 | 93.00 | 100.00 | | | N | |
| 144.0 | 147.0 | 98.00 | 100.00 | | | N | |
| 147.0 | 150.0 | 100.00 | 100.00 | | | N | |
| 150.0 | 153.0 | 100.00 | 100.00 | | | N | |
| 153.0 | 156.0 | 100.00 | 100.00 | | | N | |
| 156.0 | 159.0 | 93.00 | 100.00 | | | N | |
| 159.0 | 162.0 | 100.00 | 100.00 | | | N | |
| 162.0 | 165.0 | 100.00 | 100.00 | | | N | |
| 165.0 | 168.0 | 97.00 | 100.00 | | | N | |
| 168.0 | 171.0 | 100.00 | 100.00 | | | N | |
| 171.0 | 174.0 | 98.00 | 100.00 | | | N | |
| 174.0 | 177.0 | 98.00 | 100.00 | | | N | |
| 177.0 | 180.0 | 100.00 | 100.00 | | | N | |
| 180.0 | 183.0 | 100.00 | 100.00 | | | N | |
| 183.0 | 186.0 | 100.00 | 100.00 | | | N | |
| 186.0 | 189.0 | 97.00 | 100.00 | | | N | |
| 189.0 | 192.0 | 98.00 | 100.00 | | | N | |
| 192.0 | 195.0 | 53.00 | 100.00 | | | N | |

**Hole number:** KLUC18-520

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 195.0 | 198.0 | 77.00 | 100.00 | | | N | |
| 198.0 | 201.0 | 98.00 | 100.00 | | | N | |
| 201.0 | 204.0 | 100.00 | 100.00 | | | N | |
| 204.0 | 207.0 | 98.00 | 100.00 | | | N | |
| 207.0 | 210.0 | 100.00 | 100.00 | | | N | |
| 210.0 | 213.0 | 93.00 | 100.00 | | | N | |
| 213.0 | 216.0 | 100.00 | 100.00 | | | N | |
| 216.0 | 219.0 | 80.00 | 100.00 | | | N | |
| 219.0 | 222.0 | 70.00 | 100.00 | | | N | |
| 222.0 | 225.0 | 87.00 | 100.00 | | | N | |
| 225.0 | 228.0 | 87.00 | 100.00 | | | N | |
| 228.0 | 231.0 | 100.00 | 100.00 | | | N | |
| 231.0 | 234.0 | 100.00 | 100.00 | | | N | |
| 234.0 | 237.0 | 97.00 | 100.00 | | | N | |
| 237.0 | 240.0 | 93.00 | 100.00 | | | N | |
| 240.0 | 243.0 | 100.00 | 100.00 | | | N | |
| 243.0 | 246.0 | 83.00 | 100.00 | | | N | |
| 246.0 | 249.0 | 80.00 | 100.00 | | | N | |
| 249.0 | 252.0 | 83.00 | 100.00 | | | N | |
| 252.0 | 255.0 | 97.00 | 100.00 | | | N | |
| 255.0 | 258.0 | 83.00 | 100.00 | | | N | |

AGNICO EAGLE

# DRILL HOLE REPORT

EXPLORATION CANADA
ONTARIO

**Hole number:** KLUC18-521 **Project Number:** U_Canada **Project name:** Upper Canada

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Historic hole number:** | | **Collar survey:** | Y | **From:** | 0.0 | **Coordinates:** | P |
| **System:** | METRIC | **Verified:** | N | **To:** | 792.0 | **Grid:** | UTM83-17_CSRS-2010: |
| **Target:** | UC_C_ZONE | **Gas:** | N | **Depth:** | 792.0 | **North:** | 5,331,968.72 |
| **No. Claim:** | PAT-18834 | **Multishot survey:** | Y | **Location:** | Surface | **East:** | 586,142.20 |
| **Year:** | 2 018 | **Is making water:** | N | **Core storage:** | Mine Site | **Elevation:** | 328.60 |
| **Date started:** | 2018-12-01 | **Object in hole:** | N | **Contractor:** | Major Diamond Drilling | **Collar dip:** | -47.66 |
| **Date logged:** | 2019-01-26 | **Pulse EM survey:** | N | **Logged by:** | Melanie Bouchard | **Collar azimuth:** | 303.15 |
| **Date completed:** | 2018-12-18 | **Plugged:** | N | **Signature:** | Mélanie Bouchard | | |
| **Core size:** | NQ | **Cemented:** | N | | | | |
| **Hole type:** | EXP | **Branch:** | N | | M.Oosterman | | |
| **Casing:** | Left in Hole, capped | **Reserve:** | N | | | | |
| **Logging status:** | Signed | | | | | | |
| **Rig number:** | 0135 | | | | | | |

**Additionnal sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Proposed hole: UCP18-071 (C-2). Major Drill Rig #1435. Designed to test upper extension of the C zone as well as eastern extension of the Kzone. Full stablization

## Assay average

| Average type | From | To | Length | Width | Zone | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Pb_ppm | Ni_ppm | As_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WEIGHTED | 77.0 | 78.0 | 1.0 | | | 1.085 | | | | | | |
| WEIGHTED | 219.5 | 224.0 | 4.5 | | | 1.397 | | | | | | |
| WEIGHTED | 241.0 | 243.5 | 2.5 | | | 2.620 | | | | | | |
| WEIGHTED | 295.0 | 296.5 | 1.5 | | | 1.225 | | | | | | |
| WEIGHTED | 316.5 | 328.4 | 11.9 | | | 1.012 | | | | | | |
| WEIGHTED | 350.7 | 354.2 | 3.5 | | | 6.264 | | | | | | |
| WEIGHTED | 350.7 | 354.2 | 3.5 | | | 11.030 | | | | | | |
| WEIGHTED | 392.5 | 394.0 | 1.5 | | | 8.540 | | | | | | |
| WEIGHTED | 531.5 | 532.5 | 1.0 | | | 1.195 | | | | | | |
| WEIGHTED | 720.5 | 722.0 | 1.5 | | | 3.410 | | | | | | |

## Survey data

| Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments | Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|

**Hole number:** KLUC18-521

**Survey data**

| Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 303.76 | -47.63 | G | | |
| 10.0 | 306.15 | -49.48 | G | O | |
| 30.0 | 304.99 | -49.32 | G | O | |
| 50.0 | 306.13 | -49.04 | G | O | |
| 60.0 | 307.20 | -48.80 | G | O | |
| 80.0 | 308.63 | -48.33 | G | O | |
| 90.0 | 309.19 | -48.11 | G | O | |
| 110.0 | 309.95 | -47.81 | G | O | |
| 120.0 | 310.46 | -47.63 | G | O | |
| 140.0 | 311.44 | -47.54 | G | O | |
| 150.0 | 312.00 | -47.41 | G | O | |
| 170.0 | 312.74 | -47.27 | G | O | |
| 180.0 | 313.02 | -47.15 | G | O | |
| 200.0 | 313.52 | -46.89 | G | O | |
| 210.0 | 313.56 | -46.87 | G | O | |
| 230.0 | 313.80 | -46.80 | G | O | |
| 240.0 | 313.95 | -46.73 | G | O | |
| 260.0 | 314.10 | -46.72 | G | O | |
| 270.0 | 314.24 | -46.69 | G | O | |
| 290.0 | 314.36 | -46.46 | G | O | |
| 300.0 | 314.48 | -46.40 | G | O | |
| 320.0 | 314.90 | -46.15 | G | O | |
| 330.0 | 315.07 | -46.13 | G | O | |
| 350.0 | 315.31 | -45.98 | G | O | |
| 360.0 | 315.47 | -45.84 | G | O | |
| 380.0 | 315.71 | -45.67 | G | O | |
| 390.0 | 315.75 | -45.55 | G | O | |
| 410.0 | 315.92 | -45.29 | G | O | |
| 420.0 | 316.05 | -45.25 | G | O | |
| 440.0 | 316.25 | -45.02 | G | O | |
| 450.0 | 316.34 | -44.93 | G | O | |
| 470.0 | 316.45 | -44.65 | G | O | |

| Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 303.15 | -47.66 | S | O | Surveyed collar |
| 20.0 | 305.50 | -48.96 | G | O | |
| 40.0 | 304.91 | -49.51 | G | O | |
| 57.0 | 308.10 | -48.90 | EZ | | 53653 |
| 70.0 | 308.06 | -48.53 | G | O | |
| 87.0 | 310.30 | -48.20 | EZ | | 54383 |
| 100.0 | 309.68 | -47.98 | G | O | |
| 117.0 | 311.20 | -47.60 | EZ | | 54861 |
| 130.0 | 310.98 | -47.57 | G | O | |
| 147.0 | 311.20 | -47.20 | EZ | | 54893 |
| 160.0 | 312.43 | -47.23 | G | O | |
| 177.0 | 314.90 | -47.00 | EZ | | 55753 |
| 190.0 | 313.37 | -47.03 | G | O | |
| 207.0 | 313.40 | -46.60 | EZ | | 53920 |
| 220.0 | 313.64 | -46.85 | G | O | |
| 237.0 | 313.30 | -46.40 | EZ | | 54175 |
| 250.0 | 314.00 | -46.72 | G | O | |
| 267.0 | 315.00 | -46.40 | EZ | | 54180 |
| 280.0 | 314.31 | -46.63 | G | O | |
| 297.0 | 316.60 | -46.10 | EZ | | Mag 55159 |
| 310.0 | 314.72 | -46.28 | G | O | |
| 327.0 | 317.10 | -45.80 | EZ | | Mag 55069 |
| 340.0 | 315.22 | -46.06 | G | O | |
| 357.0 | 317.10 | -45.60 | EZ | | Mag 55175 |
| 370.0 | 315.55 | -45.78 | G | O | |
| 387.0 | 315.90 | -45.20 | EZ | | Mag 55034 |
| 400.0 | 315.79 | -45.38 | G | O | |
| 417.0 | 315.90 | -44.90 | EZ | | Mag 53927 |
| 430.0 | 316.15 | -45.19 | G | O | |
| 447.0 | 315.60 | -44.60 | EZ | | Mag 56280 |
| 460.0 | 316.43 | -44.81 | G | O | |
| 477.0 | 315.20 | -44.10 | EZ | | Mag 54484 |

## Hole number: KLUC18-521

**Survey data**

| Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 480.0 | 316.59 | -44.53 | G | O | |
| 500.0 | 316.61 | -44.28 | G | O | |
| 510.0 | 316.49 | -44.12 | G | O | |
| 530.0 | 316.51 | -43.94 | G | O | |
| 540.0 | 316.54 | -43.86 | G | O | |
| 560.0 | 316.52 | -43.63 | G | O | |
| 570.0 | 316.53 | -43.52 | G | O | |
| 590.0 | 316.54 | -43.38 | G | O | |
| 600.0 | 316.61 | -43.32 | G | O | |
| 620.0 | 317.12 | -42.92 | G | O | |
| 630.0 | 317.32 | -42.81 | G | O | |
| 650.0 | 318.05 | -42.50 | G | O | |
| 660.0 | 318.52 | -42.32 | G | O | |
| 680.0 | 319.00 | -42.14 | G | O | |
| 690.0 | 319.13 | -41.96 | G | O | |
| 710.0 | 319.45 | -41.12 | G | O | |
| 730.0 | 319.56 | -40.74 | G | O | |
| 490.0 | 316.64 | -44.37 | G | O | |
| 507.0 | 316.30 | -43.80 | EZ | | Mag 54266 |
| 520.0 | 316.50 | -44.03 | G | O | |
| 537.0 | 317.10 | -43.40 | EZ | | Mag 54390 |
| 550.0 | 316.56 | -43.75 | G | O | |
| 567.0 | 316.90 | -43.10 | EZ | | Mag 54167 |
| 580.0 | 316.48 | -43.47 | G | O | |
| 597.0 | 317.40 | -42.90 | EZ | | Mag 54167 |
| 610.0 | 316.86 | -43.12 | G | O | |
| 627.0 | 317.10 | -42.30 | EZ | | Mag 54540 |
| 640.0 | 317.60 | -42.68 | G | O | |
| 657.0 | 318.70 | -41.80 | EZ | | Mag 54204 |
| 670.0 | 318.65 | -42.18 | G | O | |
| 687.0 | 319.20 | -41.50 | EZ | | Mag 54321 |
| 700.0 | 319.30 | -41.32 | G | O | |
| 720.0 | 319.59 | -40.95 | G | O | |

| Certificate |
|---|
| TM19012320 |
| TM19012321 |
| TM19016589 |
| TM19016595 |
| TM19022962 |
| TM19022968 |
| TM19022974 |
| TM19022983 |
| TM19029794 |
| TM19029797 |
| TM19035346 |
| TM19035368 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505D18-026 | Excaon1 | CAOND118018 - CAOND118063<br>CAOND118154 - CAOND118234<br>CAOND118568 - CAOND118610 |
| CXE5505D18-027 | Excaon1 | CAOND118235 - CAOND118281<br>CAOND118611 - CAOND118661 |
| CXE5505D18-028 | Excaon1 | CAOND118282 - CAOND118441<br>CAOND118662 - CAOND119000<br>CAOND119501 - CAOND119522 |
| CXE5505D18-029 | Excaon1 | CAOND119523 - CAOND119637 |
| CXE5505D18WRA-018 | Excaon2-WRA | CAOND119005 - CAOND119008<br>CAOND119026 |
| CXE5505D18WRA-019 | Excaon2-WRA | CAOND119009<br>CAOND119027 |
| CXE5505D18WRA-020 | Excaon2-WRA | CAOND119010 - CAOND119015<br>CAOND119028 - CAOND119044<br>CAOND119053 - CAOND119059 |

| Sample number | Standard |
|---|---|
| CAOND118570 | BLANK-DB |
| CAOND118575 | CDN-GS-5U-AEM |
| CAOND118590 | CDN-CM-28-AEM |
| CAOND118615 | CDN-CM-24-AEM |
| CAOND118620 | BLANK-DB |
| CAOND118630 | CDN-CM-28-AEM |
| CAOND118645 | CDN-GS-5U-AEM |
| CAOND118660 | CDN-CM-24-AEM |
| CAOND118670 | BLANK-DB |
| CAOND118675 | CDN-GS-5U-AEM |
| CAOND118690 | CDN-CM-28-AEM |
| CAOND118715 | CDN-CM-24-AEM |
| CAOND118720 | BLANK-DB |

**Hole number:** KLUC18-521

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505D19-001 | Excaon1D | CAOND118442 - CAOND118448<br>CAOND119638 - CAOND119930 |
| CXE5505D19WRA-001 | Excaon2-WRA | CAOND119016 - CAOND119020<br>CAOND119050 - CAOND119052<br>CAOND119060 - CAOND119071 |

*The sample list may content samples from other holes

| Sample number | Standard |
|---|---|
| CAOND118730 | CDN-GS-5U-AEM |
| CAOND118745 | CDN-CM-28-AEM |
| CAOND118760 | CDN-CM-24-AEM |
| CAOND118770 | BLANK-DB |
| CAOND118775 | CDN-GS-5U-AEM |
| CAOND118790 | CDN-CM-28-AEM |
| CAOND118815 | CDN-CM-24-AEM |
| CAOND118820 | BLANK-DB |
| CAOND118830 | CDN-GS-5U-AEM |
| CAOND118845 | CDN-CM-28-AEM |
| CAOND118860 | CDN-CM-24-AEM |
| CAOND118870 | BLANK-DB |
| CAOND118875 | CDN-GS-5U-AEM |
| CAOND118890 | CDN-CM-28-AEM |
| CAOND118915 | CDN-CM-24-AEM |
| CAOND118920 | BLANK-DB |
| CAOND118930 | CDN-GS-5U-AEM |
| CAOND118945 | CDN-CM-28-AEM |
| CAOND118960 | CDN-CM-24-AEM |
| CAOND118970 | BLANK-DB |
| CAOND118975 | CDN-GS-5U-AEM |
| CAOND118990 | CDN-CM-28-AEM |
| CAOND119515 | CDN-CM-24-AEM |
| CAOND119520 | BLANK-DB |
| CAOND119530 | CDN-GS-5U-AEM |
| CAOND119545 | CDN-CM-28-AEM |
| CAOND119560 | CDN-CM-24-AEM |
| CAOND119570 | BLANK-DB |
| CAOND119575 | CDN-GS-5U-AEM |
| CAOND119590 | CDN-CM-28-AEM |
| CAOND119615 | CDN-CM-24-AEM |
| CAOND119620 | BLANK-DB |
| CAOND119630 | CDN-GS-5U-AEM |
| CAOND119645 | CDN-CM-28-AEM |
| CAOND119660 | CDN-CM-24-AEM |

**Hole number:** KLUC18-521

| Sample number | Standard |
|---|---|
| CAOND119670 | BLANK-DB |
| CAOND119675 | CDN-GS-5U-AEM |

**Major:** **From:** 174.90 **To:** 175.60 I4P, Kimberlite

70cm thick porous unit with fine grained mtrix and random floating rounded to subrounded clasts and minerals 3-4mm in size. Moderately grumbly to the touch but still in tack

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118684 | 174.9 | 175.6 | 0.7 | 0.018 | | | | |

**Major:** **From:** 315.60 **To:** 316.50 I2D, Syénite

Composition: Medium to dark salmon pink, medium grained and massive; I2D - Syenite Magnetism: None magnetic. Veinning: 1-2% mm scale chaotic and wormy discontinuous carb veinning and qtz-carb veinning. Structure: Moderate chaotic brittle deformation and microfracturing. Alteration: Weak carbonate alteration. Mineralization: 3-5% fine grained disseminated Py mineralization occuring in syenite but more abundant in fractures. Lower Contact: Sharp but fractured. Oriented at 40 TCA.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

315.60, 316.50, PYR, DIS, 3.00, -, FGR, 3-5% fine grained, anhedral diss. Py occuring in syenite and in fractures

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

315.60, 316.50, DFZ, STRONG, -, -, -, -, Strong chaotic but moderately parallel

315.60, 316.50, FOL, WEAK, 30.00, -, -, -, Weak to moderate preferential alignment at 30-40 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118797 | 315.6 | 316.5 | 0.9 | 0.131 | | | | |

**Major:** **From:** 314.20 **To:** 315.60 V8mt, Trachyte mafic tuff

Composition: Medium green with minor pale beige patches and mm scale rounded medium red spots, strongly deformed; V8mt - Trachyte mafic tuff. Magnetism: None magnetic. Veinning: 1% mm scale, chaotic and deformed carb veinning. Structure: Strong deformation and moderate preferential alignment at 30-40 TCA. Alteration: Moderate carbonate alteration? Mineralization: Rare to trace Py mineralization disseminated throughout. Lower Contact: Sharp; oriented at 40 TCA.

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

314.20, 315.60, DFZ, STRONG, 40.00, -, -, -, Strong deformation aligned at 40 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118796 | 314.2 | 315.6 | 1.4 | 0.151 | | | | |

**Major:** **From:** 308.70 **To:** 314.20 I2D, Syénite

Composition: Medium salmon pink, medium grained and massive; I2D - Syenite Magnetism: None magnetic. Veinning: 1-2% mm scale chaotic and wormy discontinuous carb veinning. Structure: Weak brittle deformation and microfracturing. Weak preferential alignment at 30 TCA. Alteration: Weak carbonate alteration. Mineralization: Trace very fine grained disseminated Py mineralization. Lower Contact: Sharp but fractured. Oriented at 40 TCA

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118792 | 308.7 | 310.0 | 1.3 | 0.011 | | | | |
| CAOND118793 | 310.0 | 311.5 | 1.5 | 0.020 | | | | |
| CAOND118794 | 311.5 | 313.0 | 1.5 | 0.015 | | | | |
| CAOND118795 | 313.0 | 314.2 | 1.2 | 0.062 | | | | |

**Hole number:** KLUC18-521

308.70, 314.20, DFZ, WEAK, -, -, -, -, Weak brittle deformation and microfracutring
308.70, 314.20, FOL, WEAK, 30.00, -, -, -, Weak preferential alignment

**Major:** **From:** 302.70 **To:** 308.70 VCIC, Volcanoclastic

Composition: Dark red with medium green and grey patches, strongly deformed but chaotic; VCIC - Volcanoclasitc. Magnetism: None magnetic. Veinning: Trace mm scale discontinuous and chaotic carb veinlets. Structure: Strong deformation dominantly chaotic, moderate preferential alignment at 30 TCA. Alteration: Strong patchy kspar-hem alteration. Mineralization: Trace to 1% very fine grained disseminated Py mineralization. Lower Contact: Sharp; oriented at 30 TCA

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
302.70, 308.70, HEM+, PAT, STRONG, -, -, -, Strong patchy hematite alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
302.70, 308.70, DFZ, STRONG, 30.00, -, -, -, Strong deformation
302.70, 308.70, FOL, MOD, 30.00, -, -, -, Moderate preferential alignment of strong deformation at 30-40 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118786 | 302.7 | 304.0 | 1.3 | 0.138 | | | | |
| CAOND118787 | 304.0 | 305.5 | 1.5 | 0.070 | | | | |
| CAOND118788 | 305.5 | 307.0 | 1.5 | 0.177 | | | | |
| CAOND118789 | 307.0 | 308.0 | 1.0 | 0.055 | | | | |
| CAOND118791 | 308.0 | 308.7 | 0.7 | 0.112 | | | | |

**Major:** **From:** 295.00 **To:** 302.70 I2D, Syénite

Composition: Medium salmon pink, medium grained and massive; I2D - Syenite Magnetism: None magnetic. Veinning: 1-2% mm scale chaotic and wormy discontinuous carb veinning. Structure: Weak brittle deformation and microfracturing. Alteration: Weak carbonate alteration. Mineralization: 2-3% very fine grained disseminated Py mineralization. Lower Contact: Sharp but slightly wavy and irregular.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118779 | 295.0 | 296.5 | 1.5 | 1.225 | | | | |
| CAOND118781 | 296.5 | 298.0 | 1.5 | 0.031 | | | | |
| CAOND118782 | 298.0 | 299.5 | 1.5 | 0.012 | | | | |
| CAOND118783 | 299.5 | 300.9 | 1.4 | 0.055 | | | | |
| CAOND118784 | 300.9 | 302.0 | 1.1 | 0.032 | | | | |
| CAOND118785 | 302.0 | 302.7 | 0.7 | 0.003 | | | | |

**Major:** **From:** 289.30 **To:** 295.00 VCIC, Volcanoclastic

Composition: Dark red with medium green and grey patches, strongly deformed but chaotic; VCIC - Volcanoclasitc. Magnetism: None magnetic. Veinning: Trace mm scale discontinuous and chaotic carb veinlets. Structure: Strong deformation dominantly chaotic, moderate preferential alignment observed locally at 30 TCA. Alteration: Strong pervasive kspar-hem alteration. Mineralization: Trace to 1% very fine grained disseminated Py mineralization. Lower Contact: Sharp but slightly irregular; oriented at 80 TCA

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
289.30, 292.00, PYR, DIS, 10.00, -, VFG, 10% very f.gr. diss. Py occuring in strongly ksap alt interval

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
289.30, 295.00, HEM+, PEN, STRONG, -, -, -, Strong pervsive hem alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118774 | 289.3 | 290.7 | 1.4 | 0.187 | | | | |
| CAOND118776 | 290.7 | 292.0 | 1.3 | 0.105 | | | | |
| CAOND118777 | 292.0 | 293.5 | 1.5 | 0.095 | | | | |
| CAOND118778 | 293.5 | 295.0 | 1.5 | 0.081 | | | | |

**Hole number:** KLUC18-521

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
289.30, 292.50, FOL, MOD, 30.00, -, -, -, Moderate preferential alignment of strong deformation at 30 TCA
289.30, 295.00, DFZ, STRONG, -, -, -, -, Strong chaotic deformation

**Major:** **From:** 283.60 **To:** 289.30 S, Roches sédimentaires indéterminées

Composition: Medium green, fine grained and deformed; S - Sediments. Magnetism: None magnetic. Veinning: 20% irregular and chaotic qtz-carb veinning crosscutting deformation. Structure: Strong chaotic deformation. Alteration: Moderate carbonate alteration? Moderate patchy Se alteration. Mineralization: 1-2% very fine grained Py mineralization. Lower Contact: Sharp oriented at 60 TCA

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
283.60, 289.30, SER+, PAT, MOD, -, -, -, Moderate patchy Se alt

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
283.60, 289.30, DFZ, STRONG, -, -, -, -, Strong deformation

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
283.60, 289.30, QtzCbt, 20.00, -, -, -, -, -, -, -, -, -, 20% chaotic, folded and deformed qtz-carb veinning crosscutting deformation

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118769 | 283.6 | 285.0 | 1.4 | 0.008 | | | | |
| CAOND118771 | 285.0 | 286.5 | 1.5 | 0.012 | | | | |
| CAOND118772 | 286.5 | 288.0 | 1.5 | 0.018 | | | | |
| CAOND118773 | 288.0 | 289.3 | 1.3 | 0.037 | | | | |

**Major:** **From:** 175.60 **To:** 283.60 VCIC, Volcanoclastic

Composition: Medium salmon pink to orangish beige, medium green and dark purplish grey coloured, fine to medium grained, chaotic and varying textures with irregular and random patches of colours and alteration. Alkalinitic tuffs? VCIC - Volcanoclastic. Magnetism: Varying intensities of magnetism throughout with gradual contacts. Veinning: 1% discontinuous and patches qtz-carb veinning, minor clusters with up to 3% mm scale carb veinning. Structure: Strong brittely deformation and healed microfracturing throughout. Alteration: Weak to moderate pervasive Kspar alteration throughout with local spots of strong kspar. Local stringers of moderate Chl alteration and pervasive patches of Se alteration Mineralization: Trace very fine grained disseminated Py mineralization, locally up to 5%. Local clusters of 2% Cp mineralization in fractures. Lower Contact: Sharp but fractured contact; oriented at 50 TCA 203-209m = 20-25% mm scale rounded dark red spots of alteration? or mineral? 211-214m = fragmented with various chaotic colours and alteration

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
181.00, 181.50, CPY, PAT, 3.00, -, -, 3% Cp minerealization clustered in fractures
219.00, 224.50, PYR, DIS, 10.00, -, VFG, 10-15% very fine graiend Py mineralization occuring throughout a strong kspar altered interval

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118685 | 175.6 | 177.0 | 1.4 | 0.040 | | | | |
| CAOND118686 | 177.0 | 178.5 | 1.5 | 0.216 | | | | |
| CAOND118687 | 178.5 | 180.0 | 1.5 | 0.090 | | | | |
| CAOND118688 | 180.0 | 181.5 | 1.5 | 0.065 | | | | |
| CAOND118689 | 181.5 | 183.0 | 1.5 | 0.047 | | | | |
| CAOND118691 | 183.0 | 184.5 | 1.5 | 0.054 | | | | |
| CAOND118692 | 184.5 | 186.0 | 1.5 | 0.043 | | | | |
| CAOND118693 | 186.0 | 187.5 | 1.5 | 0.022 | | | | |
| CAOND118694 | 187.5 | 189.0 | 1.5 | 0.032 | | | | |
| CAOND118695 | 189.0 | 190.5 | 1.5 | 0.022 | | | | |
| CAOND118696 | 190.5 | 192.0 | 1.5 | 0.020 | | | | |
| CAOND118697 | 192.0 | 193.5 | 1.5 | 0.090 | | | | |

**Hole number:** KLUC18-521

231.00, 232.00, PYR, DIS, 25.00, -, VFG, 25% very fine graiend Py mineralization occuring throughout a strong kspar altered interval
244.00, 283.60, PYR, DIS, 5.00, -, VFG, 5% very f.gr. diss. py

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
219.00, 224.50, KFS+, PEN, STRONG, -, -, -, Strong pervasive kspar alteration
231.00, 232.00, KFS+, PEN, STRONG, -, -, -, Strong pervasive kspar alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
175.60, 207.00, DFZ, STRONG, -, -, -, -, Strong brittle deformation and microfracturing
185.50, 187.00, FRA, MOD, -, -, -, -, Moderate fracturing

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
202.00, 203.00, QtzCbt, 15.00, -, -, -, -, -, -, -, -, -, 15% milky white qtz-carb veinning parallel to deformation with minor mm scale qtz veinlets crosscutting deformation
242.60, 243.20, CBT, 60.00, -, -, -, -, -, -, -, -, -, 60% chaotic pervsive deformed milky white carbonate veinning
261.40, 262.10, CBT, 40.00, -, -, -, -, -, -, -, -, -, 40% milky white carb-hem deformed vein parallel to core axis
275.00, 276.00, QtzCbt, 15.00, -, -, -, -, -, -, -, -, -, 15% irregular chaotic and deformed qtz-carb veinning

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118698 | 193.5 | 195.0 | 1.5 | 0.037 | | | | |
| CAOND118699 | 195.0 | 196.5 | 1.5 | 0.011 | | | | |
| CAOND118701 | 196.5 | 198.0 | 1.5 | 0.007 | | | | |
| CAOND118702 | 198.0 | 199.5 | 1.5 | 0.009 | | | | |
| CAOND118703 | 199.5 | 201.0 | 1.5 | 0.019 | | | | |
| CAOND118704 | 201.0 | 202.0 | 1.0 | 0.082 | | | | |
| CAOND118705 | 202.0 | 203.0 | 1.0 | 0.516 | | | | |
| CAOND118706 | 203.0 | 204.5 | 1.5 | 0.022 | | | | |
| CAOND118707 | 204.5 | 206.0 | 1.5 | 0.011 | | | | |
| CAOND118708 | 206.0 | 207.5 | 1.5 | 0.006 | | | | |
| CAOND118709 | 207.5 | 209.0 | 1.5 | 0.017 | | | | |
| CAOND118710 | 209.0 | 210.5 | 1.5 | 0.041 | | | | |
| CAOND118711 | 210.5 | 212.0 | 1.5 | 0.092 | | | | |
| CAOND118712 | 212.0 | 213.5 | 1.5 | 0.079 | | | | |
| CAOND118713 | 213.5 | 215.0 | 1.5 | 0.039 | | | | |
| CAOND118714 | 215.0 | 216.5 | 1.5 | 0.072 | | | | |
| CAOND118716 | 216.5 | 218.0 | 1.5 | 0.672 | | | | |
| CAOND118717 | 218.0 | 219.5 | 1.5 | 0.123 | | | | |
| CAOND118718 | 219.5 | 221.0 | 1.5 | 1.050 | | | | |
| CAOND118719 | 221.0 | 222.5 | 1.5 | 0.251 | | | | |
| CAOND118721 | 222.5 | 224.0 | 1.5 | 2.890 | | | | |
| CAOND118722 | 224.0 | 225.5 | 1.5 | 0.295 | | | | |
| CAOND118723 | 225.5 | 227.0 | 1.5 | 0.271 | | | | |
| CAOND118724 | 227.0 | 228.5 | 1.5 | 0.102 | | | | |
| CAOND118726 | 228.5 | 230.0 | 1.5 | 0.044 | | | | |
| CAOND118727 | 230.0 | 231.0 | 1.0 | 0.277 | | | | |
| CAOND118728 | 231.0 | 232.0 | 1.0 | 0.826 | | | | |
| CAOND118729 | 232.0 | 233.5 | 1.5 | 0.121 | | | | |
| CAOND118731 | 233.5 | 235.0 | 1.5 | 0.083 | | | | |
| CAOND118732 | 235.0 | 236.5 | 1.5 | 0.156 | | | | |
| CAOND118733 | 236.5 | 238.0 | 1.5 | 0.077 | | | | |
| CAOND118734 | 238.0 | 239.5 | 1.5 | 0.072 | | | | |
| CAOND118735 | 239.5 | 241.0 | 1.5 | 0.075 | | | | |

**Hole number:** KLUC18-521

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118736 | 241.0 | 242.5 | 1.5 | 1.460 | | | | |
| CAOND118737 | 242.5 | 243.5 | 1.0 | 4.360 | | | | |
| CAOND118738 | 243.5 | 245.0 | 1.5 | 0.108 | | | | |
| CAOND118739 | 245.0 | 246.5 | 1.5 | 0.080 | | | | |
| CAOND118740 | 246.5 | 248.0 | 1.5 | 0.263 | | | | |
| CAOND118741 | 248.0 | 249.5 | 1.5 | 0.653 | | | | |
| CAOND118742 | 249.5 | 251.0 | 1.5 | 0.340 | | | | |
| CAOND118743 | 251.0 | 252.5 | 1.5 | 0.602 | | | | |
| CAOND118744 | 252.5 | 254.0 | 1.5 | 0.136 | | | | |
| CAOND118746 | 254.0 | 255.5 | 1.5 | 0.436 | | | | |
| CAOND118747 | 255.5 | 257.0 | 1.5 | 0.121 | | | | |
| CAOND118748 | 257.0 | 258.5 | 1.5 | 0.051 | | | | |
| CAOND118749 | 258.5 | 260.0 | 1.5 | 0.025 | | | | |
| CAOND118751 | 260.0 | 261.4 | 1.4 | 0.015 | | | | |
| CAOND118752 | 261.4 | 262.2 | 0.8 | 0.009 | | | | |
| CAOND118753 | 262.2 | 263.5 | 1.3 | 0.019 | | | | |
| CAOND118754 | 263.5 | 265.0 | 1.5 | 0.031 | | | | |
| CAOND118755 | 265.0 | 266.5 | 1.5 | 0.033 | | | | |
| CAOND118756 | 266.5 | 268.0 | 1.5 | 0.108 | | | | |
| CAOND118757 | 268.0 | 269.5 | 1.5 | 0.039 | | | | |
| CAOND118758 | 269.5 | 271.0 | 1.5 | 0.018 | | | | |
| CAOND118759 | 271.0 | 272.5 | 1.5 | 0.143 | | | | |
| CAOND118761 | 272.5 | 274.0 | 1.5 | 0.124 | | | | |
| CAOND118762 | 274.0 | 275.3 | 1.3 | 0.138 | | | | |
| CAOND118763 | 275.3 | 276.5 | 1.2 | 0.092 | | | | |
| CAOND118764 | 276.5 | 278.0 | 1.5 | 0.037 | | | | |
| CAOND118765 | 278.0 | 279.5 | 1.5 | 0.019 | | | | |
| CAOND118766 | 279.5 | 281.0 | 1.5 | 0.034 | | | | |
| CAOND118767 | 281.0 | 282.5 | 1.5 | 0.088 | | | | |
| CAOND118768 | 282.5 | 283.6 | 1.1 | 0.061 | | | | |

**Major:** **From:** 173.10 **To:** 174.00 I4P, Kimberlite

90cm thick interval that is extremely grumbly to the touch with very fine grained clay matrix and varying abundance of angular clasts throughout. 2-3% rounded 1-2mm sized olivine grains observed where

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118682 | 173.1 | 174.0 | 0.9 | 0.075 | | | | |

**Hole number:** KLUC18-521

the clast are less than 1%. Contacts are intensely altered and brecciated.

**Major:** **From:** 171.90 **To:** 173.10 bx, Breccia

Strongly deformed, brecciated and intensely altered unknown protolith ajacant to kimberlite

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

171.90, 173.10, BRC, STRONG, -, -, -, -, Strong brecciated unknown unit intensely altered in contact with kimberlite

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118681 | 171.9 | 173.1 | 1.2 | 0.043 | | | | |

**Major:** **From:** 170.80 **To:** 171.90 I2D, Syénite

Composition: Medium orangish pink, fine grained strongly deformed; I2D - Syenite. Magnetism: Moderately magnetic. Veinning: Trace mm scale qtz-carb veinlets crosscutting deformation. Structure: Strong parallel deformation at 30 TCA, strong brecciation at upper contact and 2x 15cm thick intervals with moderate fracturing. Alteration: Weak pervsive kspar altertion. Mineralization: 1% very fine grained disseminated Py mineralization. Lower Contact: Sharp oriented at 40 TCA

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

170.80, 171.90, DFZ, STRONG, 30.00, -, -, -, Strong def, parallel at 30 TCA

170.80, 171.90, FRA, MOD, -, -, -, -, 2x 15cm thick intervals of moderate fracturing into1-2cm thick angular pieces

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118679 | 170.8 | 171.9 | 1.1 | 0.012 | | | | |

**Major:** **From:** 316.50 **To:** 328.40 VCIC, Volcanoclastic

Composition: Dark red with medium green and grey patches, strongly altered and deformed but chaotic; VCIC - Volcanoclasitc. Magnetism: None magnetic. Veinning: 1% irregular chaotic jagged qtz veinning and 1-2% mm scale discontinuous and chaotic carb veinlets. Structure: Strong deformation dominantly chaotic with weak to moderate preferential alignment at 40 TCA. Alteration: Strong patchy kspar-hem alteration. Mineralization: 1-2% very fine grained disseminated Py mineralization. Lower Contact: Sharp; oriented at 40 TCA

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

316.50, 328.40, HEM+, PAT, STRONG, -, -, -, Strong patchy hematite alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

316.50, 328.40, DFZ, STRONG, -, -, -, -, Strong chaotic but moderately parallel

316.50, 328.40, FOL, WEAK, 30.00, -, -, -, Weak to moderate preferential alignment at 30-40 TCA

327.70, 328.40, CRN, STRONG, 80.00, -, -, -, Strong crenulations or mm scale folding with primary orientation at 80 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118798 | 316.5 | 318.0 | 1.5 | 0.643 | | | | |
| CAOND118799 | 318.0 | 319.5 | 1.5 | 3.660 | | | | |
| CAOND118801 | 319.5 | 321.0 | 1.5 | 0.558 | | | | |
| CAOND118802 | 321.0 | 322.5 | 1.5 | 0.613 | | | | |
| CAOND118803 | 322.5 | 324.0 | 1.5 | 0.314 | | | | |
| CAOND118804 | 324.0 | 325.5 | 1.5 | 0.190 | | | | |
| CAOND118805 | 325.5 | 327.0 | 1.5 | 0.869 | | | | |
| CAOND118806 | 327.0 | 328.4 | 1.4 | 1.265 | | | | |

**Major:** **From:** 165.90 **To:** 170.80 V8, Trachyte

Composition: Dominantly dark grey with minor other shdes of grey, greens and pinksih, unknown strongly deformed and altered V8, V8m?, V8mt?; V8 - Trachyte Magnetism: Moderately magnetic.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118674 | 165.9 | 167.0 | 1.1 | 0.007 | | | | |

## Hole number: KLUC18-521

Veinning: Less than 1% microfracture filled carb veinlets. Structure: Strong chaotic deformation and moderate fracturing. Alteration: Strong spotted dolomite? alteration. Mineralization: Trace very fine grained disseminated Py mineralization. Lower Contact: Strongly deformed and breccited with syenite.

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

165.90, 168.00, FRA, WEAK, -, -, -, -, 10cm thick intervals randomly with weak fracturing
165.90, 170.80, DFZ, STRONG, 30.00, -, -, -, Strong chaotic deformation, weakly parallel at 30-40 TCA
168.00, 170.80, FRA, MOD, -, -, -, -, Moderate to strong fracturing into 1-3 and 5-10cm angular fragments

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118676 | 167.0 | 168.5 | 1.5 | 0.172 | | | | |
| CAOND118677 | 168.5 | 169.8 | 1.3 | 0.005 | | | | |
| CAOND118678 | 169.8 | 170.8 | 1.0 | 0.029 | | | | |

**Major:** **From:** 160.40 **To:** 164.40 S, Roches sédimentaires indéterminées

Composition: Medium yellowish green, medium green and dark grey with minor medium red patches, strongly deformed; S - Sediments. Magnetism: Moderately magnetic. Veinning: 15% chaotic pale pink and pale grey qtz-crb veinning crosscutting deformation. Structure: Strong deformation, weakly parallel with varying orientations. Alteration: Moderate stringers of chlorite alteration and patches of Se alteration. Mineralization: Trace very fine grained Py mineralization. Lower Contact: Sharp but fractured.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

160.40, 161.20, SER+, PAT, MOD, -, -, -, Moderate patchy SE
160.40, 163.90, CHL+, PAT, MOD, -, -, -, Moderate patchy Chl

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

160.40, 163.90, FRA, WEAK, -, -, -, -, Weak frcutring into 3-5cm thick pieces
160.40, 163.90, DFZ, STRONG, -, -, -, -, Strong chaotic deformation

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

160.40, 163.00, QtzCbt, 15.00, -, -, -, -, -, -, -, -, -, 15% chaotic pale grey and pale pink qtz-crb veinning crosscutting deformation

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118669 | 160.4 | 161.7 | 1.3 | 0.009 | | | | |
| CAOND118671 | 161.7 | 163.0 | 1.3 | 0.006 | | | | |
| CAOND118672 | 163.0 | 164.4 | 1.4 | 0.015 | | | | |

**Major:** **From:** 159.70 **To:** 160.40 I2D, Syénite

Composition: Medium orangish pink, fine grained strongly deformed; I2D - Syenite. Magnetism: Moderately magnetic. Veinning: 1% qtz--carb veinlets crosscutting deformation. Structure: Strong parallel and wvy deformation at no prefered orientation. Alteration: Weak pervsive kspar altertion. Mineralization: 5% very fine grained disseminated Py mineralization. Lower Contact: Sharp oriented at 40 TCA at an angle to deformation.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

159.70, 160.40, PYR, DIS, 5.00, -, VFG, 5% very fine grained disseminted Py

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118668 | 159.7 | 160.4 | 0.7 | 0.012 | | | | |

**Hole number:** KLUC18-521

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
159.70, 160.40, KFS+, PEN, WEAK, -, -, -, Weak pervsive Kspar alt

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
159.70, 160.40, FRA, WEAK, -, -, -, -, Weak frcutring into 3-5cm thick pieces
159.70, 160.40, DFZ, STRONG, -, -, -, -, Strong parallel deformation at no prefered orientation

**Major:** **From:** 154.10 **To:** 159.70 S1, CONGLOMÉRAT

Composition: Various shades of beige, pale green, ple pink with minor yellows and medium grey, strongly sheared and altered; S1 - Conglomerate. Magnetism: Weakly mgnetic. Veinning: 1% irregular qtz-carb veinning crosscutting deformation. Structure: Strong parallel shearing and ablitoration of primary textures and pebbles; oriented at 30-40 TCA. Shearing is dominantly parallel but locally chaotic. Alteration: Strong pervsive sericite alteration and bleaching, Moderate stringers of chlorite and moderate calcite throughout. Mineralization: 5% fine grained disseminated Py mineralization throughout. Lower Contact: Sharp but fractured. 157.8-159.7m = Strong alteration and shearing suddenly diminishes. The pebbles also not present only fine grained sediment.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118664 | 154.1 | 155.5 | 1.4 | 0.029 | | | | |
| CAOND118665 | 155.5 | 157.0 | 1.5 | 0.027 | | | | |
| CAOND118666 | 157.0 | 158.5 | 1.5 | 0.022 | | | | |
| CAOND118667 | 158.5 | 159.7 | 1.2 | 0.013 | | | | |

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
154.10, 157.70, PYR, DIS, 5.00, -, -, 5% fine grained disseminated Py mineralization

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
154.10, 157.80, CAL+, PEN, MOD, -, -, -, Moderate pervasive calcite alteration
154.10, 157.80, CHL+, STG, MOD, -, -, -, Moderate stringers of chl alteration
154.10, 157.80, SER+, PEN, STRONG, -, -, -, Strong Se altertion and bleaching

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
154.10, 159.70, FRA, WEAK, -, -, -, -, Weak frcutring into 3-5cm thick pieces
154.10, 159.70, DFZ, STRONG, 40.00, -, -, -, Strong deformation, shearing and mm scale chaotic folding
154.10, 159.70, FLD, MOD, -, -, -, -, Moderate mm scale chaotic folding
154.10, 159.70, SHR, STRONG, 40.00, -, -, -, Strong shearing, loss of primry textures and flattening of pebbles

**Major:** **From:** 153.00 **To:** 154.10 I2Dp, Porphyritic Syenite

Composition: Medium grey and pale to medium orangish pink, porphyritic; I2Dp - Syenite porphyry. Magnetism: Weakly magnetic. Veinning: 2% chaotic qtz veinning <1cm thick. Structure: Strongly deformation with preferential alignment at 40 TCA. Alteration: Weak pervasive Se alteration. Mineralization: 1-2% very fine grained Py mineralization. Lower Contact: Sharp but fractured.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118663 | 153.0 | 154.1 | 1.1 | 0.008 | | | | |

**STRUCTURE**

**Hole number:** KLUC18-521

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
153.00, 154.10, FRA, WEAK, -, -, -, -, Weak frcutring into 3-5cm thick pieces
153.00, 154.10, DFZ, STRONG, 40.00, -, -, -, Strong deformation, shearing and mm scale chaotic folding
153.00, 154.10, FLD, MOD, -, -, -, -, Moderate mm scale chaotic folding
153.00, 154.10, SHR, STRONG, 40.00, -, -, -, Strong shearing, loss of primry textures and flattening of pebbles

**Major:** **From:** 146.10 **To:** 153.00 S1, CONGLOMÉRAT

Composition: Dominantly 50/50 pink and green with minor reds, greys, browns and purple. Strongly sheared. S1 - Conglomerate. Magnetism: Moderately magnetic. Veinning: 1-2% qtz calcite veinning 1x 6cm thick vein parallel to deformation. Structure: Strong deformation and strong shearing with completely ablitorated primary textures and flattened pebbles. Dominantly parallel at 40 TCA with local mm scale chaotic folding. Alteration: Moderate chlorite alteration occuring as whispy stringers and spotted calcite spotted throughout. Mineralization: 1-2% very fine grained Py mineralization dissreminated throughout Lower Contact: Sharp; oriented at 40 TCA. Strongly sheared conglomerate. Deformation and strain increases in intensity, 50% pink and not just same shade of green, pebbles are intensely flattend and all primary textures are ablitorated, alteration also increases with local bleaching strong Se alteration. Py mineralization also increase to 5% fien grained and disssemianted throughout.

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
146.10, 153.00, FRA, WEAK, -, -, -, -, Weak frcutring into 3-5cm thick pieces
146.10, 153.00, DFZ, STRONG, 40.00, -, -, -, Strong deformation, shearing and mm scale chaotic folding
146.10, 153.00, FLD, MOD, -, -, -, -, Moderate mm scale chaotic folding
146.10, 153.00, SHR, STRONG, 40.00, -, -, -, Strong shearing, loss of primry textures and flattening of pebbles

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118657 | 146.1 | 147.5 | 1.4 | 0.024 | | | | |
| CAOND118658 | 147.5 | 149.0 | 1.5 | 0.033 | | | | |
| CAOND118659 | 149.0 | 150.5 | 1.5 | 0.108 | | | | |
| CAOND118661 | 150.5 | 152.0 | 1.5 | 0.043 | | | | |
| CAOND118662 | 152.0 | 153.0 | 1.0 | 0.043 | | | | |

**Major:** **From:** 108.40 **To:** 146.10 S, Roches sédimentaires indéterminées

Composition: Dominantly medium green, fine grained and relatively homogeneous, 1-2% random pebbles throughout with 5% 3-5cm thick rounded lithic pebbles observed between 127-133m. S-Sediments Magnetism: None magnetic. Veinning: 1-2% mm scale qtz-cal and cal veinning parallel to deformation. Structure: Strong parallel deformation oriented at 40 TCA. Alteration: Moderate calcite alteration thorughout. Mineralization: Rare to trace very fine grained PY mineralization Lower Contact: Sharp; oriented at 40 TCA Minor unit: 153-154.1m = Syenite porphyry 108,4-114m = melange of V8mtl and S/S1, 1cm size subrounded clasts and pebbles? are observed but they appear to be monolithic (syenite?) composition. Unclear whether this interval is a trachytic or sedimentary composition or a contact zone between the two. 114-127m = fine grained parallel deformed sediment with trace to 1% pebbles elongated parallel to deoformation. 127-133m = same fine grained sediment as previous but 5 to locally 10% rounded to subrounded lithic pebbles of vrious compositions (syenite, granite, tonalites etc..). Dominantly 1-2cm in size but minor pebbles up to 5cm in size. Majority of the pebbles are deformed and flattened parallel to deformation but the larger pebbles do not apper deformed.

**STRUCTURE**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118627 | 108.4 | 109.1 | 0.7 | 0.003 | | | | |
| CAOND118628 | 109.1 | 110.0 | 0.9 | 0.005 | | | | |
| CAOND118629 | 110.0 | 111.5 | 1.5 | 0.003 | | | | |
| CAOND118631 | 111.5 | 113.0 | 1.5 | 0.006 | | | | |
| CAOND118632 | 113.0 | 114.5 | 1.5 | 0.007 | | | | |
| CAOND118633 | 114.5 | 116.0 | 1.5 | 0.007 | | | | |
| CAOND118634 | 116.0 | 117.5 | 1.5 | 0.007 | | | | |
| CAOND118635 | 117.5 | 119.0 | 1.5 | 0.006 | | | | |
| CAOND118636 | 119.0 | 120.5 | 1.5 | 0.005 | | | | |
| CAOND118637 | 120.5 | 122.0 | 1.5 | 0.007 | | | | |

**Hole number:** KLUC18-521

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
108.40, 146.10, DFZ, -, -, -, -, -, Strong deformation with alternating intervals where deformation is chaotic and parallel at 40 TCA
114.00, 127.00, FOL, STRONG, 40.00, -, -, -, Moderate to strong preferential alignment at 40 TCA
144.00, 146.10, FRA, WEAK, -, -, -, -, Weak frcutring into 3-5cm thick pieces

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118638 | 122.0 | 123.5 | 1.5 | 0.006 | | | | |
| CAOND118639 | 123.5 | 125.0 | 1.5 | 0.006 | | | | |
| CAOND118640 | 125.0 | 126.5 | 1.5 | 0.006 | | | | |
| CAOND118641 | 126.5 | 128.0 | 1.5 | 0.006 | | | | |
| CAOND118642 | 128.0 | 129.5 | 1.5 | 0.036 | | | | |
| CAOND118643 | 129.5 | 131.0 | 1.5 | 0.009 | | | | |
| CAOND118644 | 131.0 | 132.0 | 1.0 | 0.100 | | | | |
| CAOND118646 | 132.0 | 133.0 | 1.0 | 0.003 | | | | |
| CAOND118647 | 133.0 | 134.5 | 1.5 | 0.006 | | | | |
| CAOND118648 | 134.5 | 136.0 | 1.5 | 0.003 | | | | |
| CAOND118649 | 136.0 | 137.5 | 1.5 | 0.018 | | | | |
| CAOND118651 | 137.5 | 139.0 | 1.5 | 0.012 | | | | |
| CAOND118652 | 139.0 | 140.5 | 1.5 | 0.014 | | | | |
| CAOND118653 | 140.5 | 142.0 | 1.5 | 0.007 | | | | |
| CAOND118654 | 142.0 | 143.5 | 1.5 | 0.003 | | | | |
| CAOND118655 | 143.5 | 145.0 | 1.5 | 0.006 | | | | |
| CAOND118656 | 145.0 | 146.1 | 1.1 | 0.012 | | | | |

**Major:** **From:** 100.30 **To:** 108.40 V8mtl, Trachyte mafic tuff lapilli

*Same as previos V8mtl. Composition: Dark green to dark grey, fine grained and relatively massive, strongly deformed; V8mtl - Trachyte mafic tuff lapilli Magnetism: Moderately magnetic. Veinning: 5% chaotic qtz-cal veinning and cal veinlets. Structure: Strong parallel deformation with weak preferential alignment at 30-40 TCA. Alteration: Moderate to strong whispy calcite alteration throughout. Mineralization: Rare to trace very fine grained Py mineralization. Lower Contact: Gradational, contact placed with textures change and pebbles become present.

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
100.30, 100.30, FOL, MOD, 40.00, -, -, -, Moderate preferential alignment at 40-50 TCA
100.30, 108.40, DFZ, STRONG, -, -, -, -, Strong deformation with weak preferential alignment at 30-40 TCA
100.30, 108.40, FOL, WEAK, 30.00, -, -, -, Weak preferential alignment at 30-40 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118619 | 100.3 | 101.5 | 1.2 | 0.003 | | | | |
| CAOND118621 | 101.5 | 103.0 | 1.5 | 0.003 | | | | |
| CAOND118622 | 103.0 | 104.5 | 1.5 | 0.003 | | | | |
| CAOND118623 | 104.5 | 106.0 | 1.5 | 0.003 | | | | |
| CAOND118624 | 106.0 | 107.5 | 1.5 | 0.012 | | | | |
| CAOND118626 | 107.5 | 108.4 | 0.9 | 0.003 | | | | |

**Major:** **From:** 99.20 **To:** 100.30 I2D, Syénite

Composition: Dark purplish red to purplish brown, fine grained and relatively massive but deformed; I2D - Syenite. Magnetism: Moderately magnetic. Veinning: Trace calcite veinlets Structure: Strong parallel deformation at 40-50 TCA. Alteration: Moderate pervasive hem alteration. Mineralization: Trace - 1% very fine grained disseminated Py mineraliztion. Lower Contact: Sharp; oriented at 80-90 TCA.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118618 | 99.2 | 100.3 | 1.1 | 0.003 | | | | |

**Hole number:** KLUC18-521

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
99.20, 100.30, DFZ, STRONG, -, -, -, -, Strong deformation with moderate preferential alignment at 40-50 TCA
100.30, 100.30, FOL, MOD, 40.00, -, -, -, Moderate preferential alignment at 40-50 TCA

**Major:** **From:** 97.00 **To:** 99.20 V8mtl, Trachyte mafic tuff lapilli

Composition: Dark green to dark grey, fine grained and relatively massive, strongly deformed; V8mtl - Trachyte mafic tuff lapilli Magnetism: Moderately magnetic. Veinning: 5% chaotic qtz-cal veinning and cal veinlets. Structure: Strong parallel deformation with weak preferential alignment at 30-40 TCA. Alteration: Moderate to strong whispy calcite alteration throughout. Mineralization: Rare to trace very fine grained Py mineralization. Lower Contact: Sharp oriented at 40 TCA.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
97.00, 99.20, CAL+, WIS, MOD, -, -, -, Moderate to strong whispy calcite alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
97.00, 99.20, DFZ, STRONG, -, -, -, -, Strong deformation with weak preferential alignment at 40-50 TCA
97.00, 99.20, FOL, WEAK, 40.00, -, -, -, Weak preferential alignment at 40-50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118616 | 97.0 | 98.0 | 1.0 | 0.015 | | | | |
| CAOND118617 | 98.0 | 99.2 | 1.2 | 0.007 | | | | |

**Major:** **From:** 76.00 **To:** 97.00 S1, CONGLOMÉRAT

Composition: Various shades of green fine grained matrix with 10-25% strongly deformed and flattened polylithic pebbles (varying colours, compositions but dominantly subrounded and flattened) which are generally <1 - 1cm thick with trace pebbles observed up to 5cm in size. S1 - Conglomerate. Magnetism: None magnetic with minor intervals of weak magnetism. Veinning: 5-10% pale pink, grey and white qtz-cal veinning parallel to deformation, locally clustered and 1-3cm thick. Structure: Strong deformation throughout oriented at 30-40 TCA defined by the preferential alignment and flattening of pebbles alternating with matrix. Alteration: Moderate stringers of chlorite alteration, trace spotted weak Se alteration and moderate spotted calcite alteration throughout. Mineralization: 1-2% fine grained disseminated Py mineralization. Lower Contact: Gradational. Contact placed where textures, composition, veinning style suddenly changes. Minor units: 78-84m = Fine grained sediment. @87m; The abundance of lithic pebbles gradually diminished until there are no more observed between 92-97m.

**MINOR INTERVAL**
78.00 - 84.00: SMinor unit of dark green, fine grained sedminent with no lithic pebbles. Strongly deformed at 40-50 TCA. Trace -1% fine grained disseminated PY. 3% irregular white qtz-cal veinning. Contacts are gradational.

**MINOR INTERVAL**
92.00 - 97.00: SNo more lithic pebbles observed chaotically deformed and crenulated fine grained sediment

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118598 | 76.1 | 77.0 | 0.9 | 0.094 | | | | |
| CAOND118599 | 77.0 | 78.0 | 1.0 | 1.085 | | | | |
| CAOND118601 | 78.0 | 79.5 | 1.5 | 0.028 | | | | |
| CAOND118602 | 79.5 | 81.0 | 1.5 | 0.009 | | | | |
| CAOND118603 | 81.0 | 82.5 | 1.5 | 0.008 | | | | |
| CAOND118604 | 82.5 | 83.2 | 0.7 | 0.058 | | | | |
| CAOND118605 | 83.2 | 84.3 | 1.1 | 0.033 | | | | |
| CAOND118606 | 84.3 | 85.5 | 1.2 | 0.062 | | | | |
| CAOND118607 | 85.5 | 87.0 | 1.5 | 0.028 | | | | |
| CAOND118608 | 87.0 | 88.5 | 1.5 | 0.018 | | | | |
| CAOND118609 | 88.5 | 90.0 | 1.5 | 0.009 | | | | |
| CAOND118610 | 90.0 | 91.5 | 1.5 | 0.010 | | | | |
| CAOND118611 | 91.5 | 93.0 | 1.5 | 0.011 | | | | |
| CAOND118612 | 93.0 | 94.5 | 1.5 | 0.003 | | | | |
| CAOND118613 | 94.5 | 96.0 | 1.5 | 0.035 | | | | |

**Hole number:** KLUC18-521

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

76.00, 78.00, CAL+, SPO, MOD, -, -, -, Moderate spotted calcite alteration
76.00, 78.00, CHL+, PAT, MOD, -, -, -, Moderate to strong patches and stringers of chl alteration
76.00, 78.00, SER+, SPO, WEAK, -, -, -, Trace mm scale spots and whispy stringers of Se alteration
78.00, 97.00, CAL+, SPO, MOD, -, -, -, Moderate spotted calcite alteration throughout

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

76.00, 83.10, DFZ, STRONG, 30.00, -, -, -, Strong deformation with preferential alignment at 30-40 TCA and trace mm scale crenulations
76.00, 83.10, FOL, MOD, 30.00, -, -, -, Moderate to strong parallel alignment at 30-40 TCA
83.10, 88.00, DFZ, STRONG, -, -, -, -, Strong deformation dominantly parallel but at varying angles to core axis with sudden changes between. 0-20 and 20-40 and 50-60
84.10, 85.50, FLD, -, -, -, -, -, mm scale local chaotic folding of sediment beds and lithic pebbles
84.40, 85.50, FOL, STRONG, 0.00, -, -, -, Strong foliation at 0-20 TCA with local chaotic folding
85.50, 86.60, FOL, STRONG, 20.00, -, -, -, Strong foliation at 20-40 TCA
86.60, 88.50, FOL, STRONG, 50.00, -, -, -, Strong foliation at 50-60 TCA
88.50, 97.00, CRN, STRONG, -, -, -, -, Strong crenulations and mm scale chaotic folding generallu trending at 0-10 TCA
88.50, 97.00, DFZ, STRONG, -, -, -, -, Strong chaotic deformation

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

78.00, 83.10, QTZ_2, 3.00, -, -, -, -, -, -, -, -, -, 3% qtz-cal veinning irregular and discontinuous but parallel to deformation
83.10, 84.10, QTZ_2, 30.00, -, -, -, -, -, -, -, -, -, 30% chaotic whispy and discontinuous qtz-cal and cal veinning

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118614 | 96.0 | 97.0 | 1.0 | 0.003 | | | | |

**Major:** **From:** 67.70 **To:** 75.80 S1, CONGLOMÉRAT

Composition: Various shades of green fine grained matrix with 10-25% strongly deformed and flattened polylithic pebbles (varying colours, compositions but dominantly subrounded and flattened) which are generally <1 - 1cm thick with trace pebbles observed up to 5cm in size. S1 - Conglomerate. Magnetism: None magnetic with minor intervals of weak magnetism. Veinning: 5-10% pale pink, grey and white qtz-cal veinning parallel to deformation, locally clustered and 1-3cm thick. Structure: Strong deformation throughout oriented at 30-40 TCA defined by the preferential alignment and flattening of pebbles alternating with matrix. Alteration: Moderate stringers of chlorite alteration, trace spotted weak Se alteration and moderate spotted calcite alteration throughout. Mineralization: 1-2% fine grained disseminated Py mineralization. Lower Contact: Gradational. Contact placed where pebble abundance diminishes.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118591 | 67.7 | 69.0 | 1.3 | 0.139 | | | | |
| CAOND118592 | 69.0 | 70.5 | 1.5 | 0.047 | | | | |
| CAOND118593 | 70.5 | 72.0 | 1.5 | 0.130 | | | | |
| CAOND118594 | 72.0 | 73.5 | 1.5 | 0.023 | | | | |
| CAOND118595 | 73.5 | 74.5 | 1.0 | 0.121 | | | | |
| CAOND118596 | 74.5 | 75.6 | 1.1 | 0.118 | | | | |
| CAOND118597 | 75.6 | 76.1 | 0.5 | 0.028 | | | | |

Sample goes over contact because I want the 20cm thick Kimberlite in one 50cm sample

**Hole number:** KLUC18-521

67.70, 75.80, CAL+, SPO, MOD, -, -, -, Moderate spotted calcite alteration
67.70, 75.80, CHL+, PAT, MOD, -, -, -, Moderate to strong patches and stringers of chl alteration
67.70, 75.80, SER+, SPO, WEAK, -, -, -, Trace mm scale spots and whispy stringers of Se alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
67.70, 75.80, DFZ, STRONG, 30.00, -, -, -, Strong deformation with preferential alignment at 30-40 TCA and trace mm scale crenulations
67.70, 75.80, FOL, MOD, 30.00, -, -, -, Moderate to strong parallel alignment at 30-40 TCA

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
70.80, 71.10, QtzCalChl, 90.00, -, -, -, -, -, -, -, PYR, 3.00, 30cm thick interval with clustered parallel qtz-cal-chl veinning with wavy and irregular contacts and locally discontinuous. 3% fine grained disseminated Py mienralization in margins

**Major:** **From:** 164.40 **To:** 165.90 I2Dp, Porphyritic Syenite

Composition: Medium orangish pink and dark grey, porphyritic; I2Dp - Syenite porphyry Magnetism: Moderately magnetic. Veinning: 1% mm scale qtz-cal veinlets. Structure: Moderately deformed defined by flattening and alignmnet of phenocrysts. Alteration: Moderate spotted dolomite alteration? Mineralization: Trace very fine grained disseminated Py Lower Contact: Sharp and straight; oriented at 30 TCA

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
165.40, 165.90, FRA, WEAK, -, -, -, -, 10cm thick intervals randomly with weak fracturing
165.40, 165.90, DFZ, STRONG, 30.00, -, -, -, Strong chaotic deformation, weakly parallel at 30-40 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118673 | 164.4 | 165.9 | 1.5 | 0.003 | | | | |

**Major:** **From:** 43.30 **To:** 67.70 S, Roches sédimentaires indéterminées

Composition: Alternating beds of fine to medium grained seminent relatively homogeneous with conglomerate beds containning polylithic pebbles of various colours, shapes, sizes and compositions. Dominantly greyish green with minor pale pinks, yellowish green and traces of other shades of yellow, greens and pinks, fine grained dominantly homogeneous and equigranular, minor 1-2% lithic fragments throughout with minor intervals of conglomerate containning 5-10%. Ltihic pebbles dominantly 1-2cm in size and subrounded and strongly deformed and flattened. S - Sediments Magnetism: Dominantly weakly magnetic with minor moderately magnetic intervals (could represent minor V8mt intervals?? but no clear contacts). Veinning: 2-5% mm scale chaotic pink and white calcite veinlets at no preferred orientation. Locally 3-5% qtz-cal veinning occuring in clusters 5-10cm thick and dominantly parallel to deformation. Structure: Strong deformation and preferential alignment dominantly at 40-50 TCA. Weak crenulation obverved locally. Alteration: Moderately calcite alteration spotted throughout. Mineralization: Trace to 1% very fine grained Py mineralization disseminated throughout. Lower Contact: Gradational, contact is placed where flattened lithic pebble are observed.

**MINOR INTERVAL**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118569 | 43.3 | 44.5 | 1.2 | 0.011 | | | | |
| CAOND118571 | 44.5 | 46.0 | 1.5 | 0.003 | | | | |
| CAOND118572 | 46.0 | 47.5 | 1.5 | 0.003 | | | | |
| CAOND118573 | 47.5 | 49.0 | 1.5 | 0.012 | | | | |
| CAOND118574 | 49.0 | 50.5 | 1.5 | 0.018 | | | | |
| CAOND118576 | 50.5 | 52.0 | 1.5 | 0.023 | | | | |
| CAOND118577 | 52.0 | 53.5 | 1.5 | 0.008 | | | | |
| CAOND118578 | 53.5 | 55.0 | 1.5 | 0.015 | | | | |
| CAOND118579 | 55.0 | 56.5 | 1.5 | 0.012 | | | | |
| CAOND118581 | 56.5 | 58.0 | 1.5 | 0.022 | | | | |

**Hole number:** KLUC18-521

58.30 - 62.00: S1Similar matrix with same colours, composition and deformation as surrounding major but contains 10% polylithic strongly deformed and flattened, subrounded lithic fragments <1cm thick

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
60.20, 61.40, PYR, DIS, 3.00, -, -, 3-5% very fine grained disseminated Py mineralization occruing within a hem altered interval wit minor py clustered in qtz-cal-chl veinning

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
43.30, 67.70, CAL+, SPO, MOD, -, -, -, Moderate spotted calcite alteration
60.20, 61.40, HEM+, PAT, MOD, -, -, -, Moderate to strong patchy to whispy hem alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
43.30, 57.30, DFZ, STRONG, 40.00, -, -, -, Strong deformation with preferential alignment at 40-50 TCA
43.30, 57.30, FOL, MOD, 40.00, -, -, -, Moderate to strong parallel alignment at 40-50 TCA
57.30, 67.70, DFZ, STRONG, 30.00, -, -, -, Strong deformation with preferential alignment at 30-40 TCA and trace mm scale crenulations
57.30, 67.70, FOL, MOD, 30.00, -, -, -, Moderate to strong parallel alignment at 30-40 TCA

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
43.30, 48.00, QTZ, -, -, -, -, -, -, -, -, -, -, 2% mm scale qtz-cal-hem veinlets at no preferred orientation
60.20, 61.40, QtzCalChl, 10.00, -, -, -, -, -, -, -, PYR, 2.00, 10% mm scale chaotic and discontinuous qtz-cal-chl (black) veinlets occuring in an intervals with mod-str hem alteration. 1-2% very fine grained Py mineralization occuring in margins
66.80, 67.70, QtzCal, 5.00, -, -, -, -, -, -, -, -, -, 5% qtz-cal veinning occuring in a 1 and 5cm thick cluster parallel to deformation. within the clusters, the vein contacts are wavy and irregular. Minor black chlorite

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118582 | 58.0 | 59.0 | 1.0 | 0.034 | | | | |
| CAOND118583 | 59.0 | 60.2 | 1.2 | 0.009 | | | | |
| CAOND118584 | 60.2 | 61.5 | 1.3 | 0.097 | | | | |
| CAOND118585 | 61.5 | 63.0 | 1.5 | 0.028 | | | | |
| CAOND118586 | 63.0 | 64.0 | 1.0 | 0.011 | | | | |
| CAOND118587 | 64.0 | 65.0 | 1.0 | 0.008 | | | | |
| CAOND118588 | 65.0 | 66.5 | 1.5 | 0.016 | | | | |
| CAOND118589 | 66.5 | 67.7 | 1.2 | 0.049 | | | | |

**Major:** **From:** 328.40 **To:** 336.50 V8RS, Trachyte red spotted

Composition: Greenish cream, pale rediish brown, dark red and dark green, fine to medium grained strongly deformed matrix with dark red and purplish red subrounded spots throughout; V8RS - Trachyte red spotted. Magnetism: Weakly magnetic. Veinning: 1-2% mm scale chaotic and deformed carb veinning cross cutting deformation. Structure: Strong deformation and strong preferential alignment at 40 TCA. Alteration: Strong pervasive Se alteration and moderate mm scale stringers of Chl. Mineralization: 1% very fine grained Py mineralization disseminated throughout. Lower Contact: Sharp and straight; oriented at 30 TCA but cross cutting deformation at 90 degrees. 333-336m = appears to be slightly different, more massive and pervasively altered with no red spots. Could be a different lithology or bed of material that is slightly different composition than above and bellow. Contacts could be interpretated at sharp. Possibly a syenite?

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118807 | 328.4 | 329.5 | 1.1 | 0.070 | | | | |
| CAOND118808 | 329.5 | 331.0 | 1.5 | 0.071 | | | | |
| CAOND118809 | 331.0 | 332.5 | 1.5 | 0.059 | | | | |
| CAOND118810 | 332.5 | 334.0 | 1.5 | 0.089 | | | | |
| CAOND118811 | 334.0 | 335.5 | 1.5 | 0.038 | | | | |
| CAOND118812 | 335.5 | 336.4 | 0.9 | 0.231 | | | | |
| CAOND118813 | 336.4 | 336.9 | 0.5 | 0.020 | | | | |

**Hole number:** KLUC18-521

**MINOR INTERVAL**
333.10 - 336.00: I2DMinor Syenite??

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
328.40, 336.50, SER+, PEN, STRONG, -, -, -, Strong pervasive Se alteration occuring in matrix

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
328.40, 336.50, DFZ, STRONG, 40.00, -, -, -, Strong deformation at 40 TCA
328.40, 336.50, FOL, STRONG, 40.00, -, -, -, Strong preferential alignment at 40 TCA

**Major:** **From:** 336.80 **To:** 350.70 V8tl, Trachytic lapilli tuff

Composition: Dominantly yellowish beige but contains various shades of grey, patches of red and milky white; V8tl - Trachyte tuff lapilli. Magnetism: Very intensities of magnetism. Veinning: 5% chaotic, deformed and discontinuous mm scale carb veinlets. Structure: Strong deformation with weak preferential alignment at 30-40 TCA. Alteration: Strong pervasive Se alteration and moderate spotted carb Mineralization: Trace to 1% very fine grained disseminated Py mineralization. Lower Contact: Sharp; oriented at 40 TCA.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
336.80, 350.70, CBT+, SPO, MOD, -, -, -, Moderate spotted carb alt
336.80, 350.70, SER+, PEN, STRONG, -, -, -, Strong pervasive Se alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
336.80, 350.70, DFZ, STRONG, -, -, -, -, Strong chaotic deformation
336.80, 350.70, FOL, WEAK, 30.00, -, -, -, Weak preferential alignment at 30-40 TCA

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
336.80, 350.70, CBT, 5.00, -, -, -, -, -, -, -, -, -, 5% chaotic, deformed and discontinuous mm scale milky white carb veinlets

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118814 | 336.9 | 338.0 | 1.1 | 0.017 | | | | |
| CAOND118816 | 338.0 | 339.5 | 1.5 | 0.026 | | | | |
| CAOND118817 | 339.5 | 341.0 | 1.5 | 0.048 | | | | |
| CAOND118818 | 341.0 | 342.5 | 1.5 | 0.059 | | | | |
| CAOND118819 | 342.5 | 344.0 | 1.5 | 0.706 | | | | |
| CAOND118821 | 344.0 | 345.5 | 1.5 | 0.067 | | | | |
| CAOND118822 | 345.5 | 347.0 | 1.5 | 1.375 | | | | |
| CAOND118823 | 347.0 | 348.5 | 1.5 | 0.094 | | | | |
| CAOND118824 | 348.5 | 349.7 | 1.2 | 0.357 | | | | |
| CAOND118826 | 349.7 | 350.7 | 1.0 | 0.213 | | | | |

**Major:** **From:** 174.00 **To:** 174.90 bx, Breccia

Strongly deformed, brecciated and intensely altered unknown protolith ajacant to kimberlite

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118683 | 174.0 | 174.9 | 0.9 | 0.046 | | | | |

**Major:** **From:** 75.80 **To:** 76.00 I4P, Kimberlite

15cm thick interval of Kimberlite. Fine grained grumbly matrix with 30% rounded garnets, other minerals and clasts. Upper contact fractured but lower contact sharp and oriented at 30 TCA.

**ALTERATION**

**Hole number:** KLUC18-521

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
75.80, 76.00, CAL+, SPO, MOD, -, -, -, Moderate spotted calcite alteration
75.80, 76.00, CHL+, PAT, MOD, -, -, -, Moderate to strong patches and stringers of chl alteration
75.80, 76.00, SER+, SPO, WEAK, -, -, -, Trace mm scale spots and whispy stringers of Se alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
75.80, 76.00, DFZ, STRONG, 30.00, -, -, -, Strong deformation with preferential alignment at 30-40 TCA and trace mm scale crenulations
75.80, 76.00, FOL, MOD, 30.00, -, -, -, Moderate to strong parallel alignment at 30-40 TCA

**Major:** **From:** 0.00 **To:** 42.20 OVB, Overburden

OVB / casing

**Major:** **From:** 729.00 **To:** 792.00 S, Roches sédimentaires indéterminées

Composition: Dominantly medium to dark grey and fine grained with minor white spots, random pale pink intervals and yellowish beige stringers; S - Sediments Magnetism: Non magnetic. Veinning: 1% mm scale qtz-carb veinning parallel to deformation. with minor intervals containning 5% irregular qtz veinning over 1-3m. Structure: Moderate parallel deformation oriented at 30-40 TCA. Alteration: Weak to moderate stringers of sericite and weak to moderate spots and patches of carbonate alteration occuring randomly throughout Mineralization: Intervals with trace to 1% and 2-3% fine grained disseminated Py mineralization. Lower Contact: Not reached 737-741m = medium cream and pale pink pervasive interval, possible different composition of bed or sediment source? or bleaching alteration? 748-751m = Pale purplish grey slightly massive sediment bed? that differs in composition from surrounding beds? 771-776m = textures and possibly composition seems to change and the deformation is more chaotic, no longer parallel

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
741.00, 748.00, PYR, DIS, 2.00, -, FGR, 2-3% fine grained Py mineralization dissemianted thorugohut and clustered in parallels
780.00, 781.00, PYR, DIS, 8.00, -, FGR, 8% fine grained disseminated Py minerlization
787.00, 792.00, PYR, DIS, 5.00, -, FGR, 5% fine grained dissemianted Py mineralization

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
729.00, 737.00, SER+, STG, WEAK, -, -, -, Weak stringers of Se alteration
748.00, 762.00, CBT+, PAT, MOD, -, -, -, Moderate patchy and locally pervasive carbonate alteration
748.00, 762.00, SER+, STG, WEAK, -, -, -, Weak to moderate stringers of Se alteration
768.00, 771.00, SER+, PAT, STRONG, -, -, -, Strong patchy Se alteration
784.80, 792.00, CBT+, PAT, STRONG, -, -, -, Strong patchy and spotted carbonate alteration
788.80, 792.00, SER+, PAT, STRONG, -, -, -, Strong patchy and gradually change to pervasive Se alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND119634 | 729.0 | 730.5 | 1.5 | 0.032 | | | | |
| CAOND119635 | 730.5 | 732.0 | 1.5 | 0.016 | | | | |
| CAOND119636 | 732.0 | 733.5 | 1.5 | 0.011 | | | | |
| CAOND119637 | 733.5 | 735.0 | 1.5 | 0.008 | | | | |
| CAOND119638 | 735.0 | 736.5 | 1.5 | 0.005 | | | | 2.83 |
| CAOND119639 | 736.5 | 738.0 | 1.5 | 0.010 | | | | 2.81 |
| CAOND119640 | 738.0 | 739.5 | 1.5 | 0.003 | | | | 2.79 |
| CAOND119641 | 739.5 | 741.0 | 1.5 | 0.003 | | | | 2.77 |
| CAOND119642 | 741.0 | 742.5 | 1.5 | 0.013 | | | | 2.80 |
| CAOND119643 | 742.5 | 744.0 | 1.5 | 0.010 | | | | 2.79 |
| CAOND119644 | 744.0 | 745.5 | 1.5 | 0.003 | | | | 2.78 |
| CAOND119646 | 745.5 | 747.0 | 1.5 | 0.011 | | | | 2.82 |
| CAOND119647 | 747.0 | 748.5 | 1.5 | 0.007 | | | | 2.79 |
| CAOND119648 | 748.5 | 750.0 | 1.5 | 0.007 | | | | 2.77 |
| CAOND119649 | 750.0 | 751.5 | 1.5 | 0.012 | | | | 2.79 |
| CAOND119651 | 751.5 | 753.0 | 1.5 | 0.011 | | | | 2.79 |
| CAOND119652 | 753.0 | 754.5 | 1.5 | 0.013 | | | | 2.85 |
| CAOND119653 | 754.5 | 756.0 | 1.5 | 0.014 | | | | 2.77 |
| CAOND119654 | 756.0 | 757.5 | 1.5 | 0.015 | | | | 2.82 |
| CAOND119655 | 757.5 | 759.0 | 1.5 | 0.013 | | | | 2.80 |
| CAOND119656 | 759.0 | 759.8 | 0.8 | 0.009 | | | | 2.78 |
| CAOND119657 | 759.8 | 761.0 | 1.2 | 0.015 | | | | 2.79 |

**Hole number:** KLUC18-521

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

729.00, 792.00, DFZ, MOD, -, -, -, -, Moderate parallel deformation throughout oriented at 30-40 TCA
729.00, 792.00, FOL, MOD, 30.00, -, -, -, Moderate foliation oriented at 30-40 TCA
768.00, 771.00, CRN, MOD, -, -, -, -, Moderate crenulations

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

763.00, 764.00, QTZ, 30.00, -, -, -, -, -, -, -, -, -, 30% irrregular white qtz veinning with minor carbonate dominantly parallel to deformation in host sediment but appears to be chaotic and patchy
768.30, 770.50, QTZ, 30.00, -, -, -, -, -, -, -, -, -, 30% irregular, deformed and discontinuous white qtz veinning with minor carbonate, ranging in size from 1 -15cm thick

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND119658 | 761.0 | 762.0 | 1.0 | 0.015 | | | | 2.79 |
| CAOND119659 | 762.0 | 763.0 | 1.0 | 0.006 | | | | 2.77 |
| CAOND119661 | 763.0 | 764.0 | 1.0 | 0.013 | | | | 2.74 |
| CAOND119662 | 764.0 | 765.5 | 1.5 | 0.008 | | | | 2.76 |
| CAOND119663 | 765.5 | 767.0 | 1.5 | 0.005 | | | | 2.77 |
| CAOND119664 | 767.0 | 768.4 | 1.4 | 0.003 | | | | 2.76 |
| CAOND119665 | 768.4 | 769.0 | 0.6 | 0.003 | | | | 2.71 |
| CAOND119666 | 769.0 | 770.0 | 1.0 | 0.010 | | | | 2.76 |
| CAOND119667 | 770.0 | 771.5 | 1.5 | 0.007 | | | | 2.76 |
| CAOND119668 | 771.5 | 773.0 | 1.5 | 0.003 | | | | 2.72 |
| CAOND119669 | 773.0 | 774.5 | 1.5 | 0.005 | | | | 2.72 |
| CAOND119671 | 774.5 | 776.0 | 1.5 | 0.003 | | | | 2.74 |
| CAOND119672 | 776.0 | 777.5 | 1.5 | 0.014 | | | | 2.76 |
| CAOND119673 | 777.5 | 779.0 | 1.5 | 0.003 | | | | 2.74 |
| CAOND119674 | 779.0 | 780.0 | 1.0 | 0.003 | | | | 2.77 |
| CAOND119676 | 780.0 | 781.0 | 1.0 | 0.024 | | | | 2.78 |
| CAOND119677 | 781.0 | 782.0 | 1.0 | 0.003 | | | | 2.70 |
| CAOND119678 | 782.0 | 783.0 | 1.0 | 0.025 | | | | 2.75 |
| CAOND119679 | 783.0 | 784.5 | 1.5 | 0.008 | | | | 2.75 |
| CAOND119681 | 784.5 | 786.0 | 1.5 | 0.003 | | | | 2.71 |
| CAOND119682 | 786.0 | 787.5 | 1.5 | 0.003 | | | | 2.75 |
| CAOND119683 | 787.5 | 789.0 | 1.5 | 0.070 | | | | 2.77 |
| CAOND119684 | 789.0 | 790.5 | 1.5 | 0.006 | | | | 2.78 |
| CAOND119685 | 790.5 | 792.0 | 1.5 | 0.013 | | | | 2.79 |

**Major:** **From:** 713.00 **To:** 729.00 VN, Veine

Composition: 40% white to pale grey qtz veinning with minor carbonate occuring as chaotic, deformed and tightly folded veins varying from less than 1 up to 30cm thick. Host rock is strongly Se altered and deformed sediment unit; VN - Qtz veining. Magnetism: Non magnetic. Veinning: 40% chaotic, deformed and tightly folded qtz veinning. Structure: Strong deformation in host sediment that is domiantly parallel at 40 TCA. Veinning chaotically folded as well. Alteration: Strong patchy Se alteration in vein margins and in host sediment unit. Mineralization: 3-5% very fine to fien grained disseminated Py mineralization with local clusters of 5-8% medium grained dissemianted Py. Lower Contact: Gradational. Veinning gradually diminishes in abundance and sediment become the predominant unit.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND119621 | 713.0 | 714.5 | 1.5 | 0.059 | | | | |
| CAOND119622 | 714.5 | 716.0 | 1.5 | 0.262 | | | | |
| CAOND119623 | 716.0 | 717.5 | 1.5 | 0.051 | | | | |
| CAOND119624 | 717.5 | 719.0 | 1.5 | 0.042 | | | | |
| CAOND119626 | 719.0 | 720.5 | 1.5 | 0.100 | | | | |
| CAOND119627 | 720.5 | 722.0 | 1.5 | 3.410 | | | | |
| CAOND119628 | 722.0 | 723.5 | 1.5 | 0.095 | | | | |
| CAOND119629 | 723.5 | 725.0 | 1.5 | 0.064 | | | | |

**Hole number:** KLUC18-521

713.00, 729.00, PYR, DIS, 3.00, -, VFG, 3-5% very fine to fien grained disseminated Py mineralization with local clusters of 5-8% medium grained dissemianted Py.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
713.00, 729.00, SER+, PAT, STRONG, -, -, -, Strong patchy Se alteration occuring thoughout sediment host unit and in margins of veins

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
713.00, 729.00, DFZ, STRONG, -, -, -, -, Strong deformation in host sediment that is domiantly parallel at 40 TCA. Veinning chaotically folded as well.
713.00, 729.00, FLD, MOD, -, -, -, -, Moderate chaotic folding locally in sediments and common in the qtz veinning

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
713.00, 729.00, QTZ, 40.00, -, -, -, -, -, -, -, PYR, 3.00, 40% white qtz veinning as major lithological unit with 3-5% disseminated Py mineralization in margins

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND119631 | 725.0 | 726.5 | 1.5 | 0.087 | | | | |
| CAOND119632 | 726.5 | 728.0 | 1.5 | 0.039 | | | | |
| CAOND119633 | 728.0 | 729.0 | 1.0 | 0.105 | | | | |

**Major:** **From:** 712.50 **To:** 713.00 I4P, Kimberlite

Composition: Dark grey to dark green, medium grained crystalline with minor clasts, strongly porous with abundant mm scale pits, brittle and crumbly texture; I4P - Kimberlite. Magnetism: Moderately magnetic. Veinning: 1% carbonate veinlets. Structure: Brittle and crumbly but undeformed. Alteration: Pitted and porous. Mineralization: None observed. Lower Contact: 5cm thick moderately brecciated margin before in tack sediment unit. Sharp and straight contact at 30 TCA occuring between kimberlite and breccia unit.

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
712.50, 713.00, FGO, MOD, -, -, -, -, Possibly numerous faults? or brecciation only caused by kimberlite intrusion

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND119619 | 712.5 | 713.0 | 0.5 | 0.017 | | | | |

**Major:** **From:** 711.30 **To:** 712.50 bx, Breccia

Strongly brecciated interval of melange of Se altered sediment and kimberlite clasts less than 1 - 1cm in size and dominantly angular. 5% very fine grained Py mineralization disseminated throughout. Immediately adjacent to a kimberlite intrusion. Contact sharp and straight oriented at 30 TCA.

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
711.30, 712.50, BRF, MOD, -, -, -, -, Moderate brecciation in margins of kimberlite intrusion.
711.30, 712.50, FGO, MOD, -, -, -, -, Possibly numerous faults? or brecciation only caused by kimberlite intrusion

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND119618 | 711.3 | 712.5 | 1.2 | 0.068 | | | | |

## Hole number: KLUC18-521

**Major:** **From:** 694.30 **To:** 711.30 M1s, Sericite Schist

Composition: Medium grey, medium green, and medium yellowish green, fine grained, strongly deformed and altered. Sediment unit gradually transitioning into sercite-carbonate dominant unit. Starting at upper contact there is a gradual increase in intensitey of sericite alteration and gradual change in textures. M1S - Sericite schist. Magnetism: Non magnetic. Veinning: 25-30% tightly chaotically folded and deformed qtz veinning. Structure: Strong deformation and shearing with no prefered orientation. Alteration: Strong to intense pervasive Se alteration. Mineralization: 2-3% very fine grained Py mineralization disseminated throughout. Lower Contact: Sediment unit extends pass 711.3m but there are two minor units crosscutting it. There is a strongly brecciated and kimberlite unit.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

694.30, 708.00, PYR, DIS, 2.00, -, VFG, 2-3% v.fgr. diss. Py mineralization
708.00, 711.30, PYR, DIS, 5.00, -, VFG, 5-8% v.fgr. diss. Py mineralization

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

694.30, 711.30, SER+, PEN, STRONG, -, -, -, Strong pervasive Se alteration occuring throughout a strongly deformed sediment unit

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

694.30, 711.30, DFZ, STRONG, -, -, -, -, Strong deformation, chaotic with no prefered orientation with local tight chaotic folding
694.30, 711.30, FLD, MOD, -, -, -, -, Tight chaotic local folding of qtz-carb veins and sericite alteration

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

694.30, 711.30, QtzCbt, 25.00, -, -, -, -, -, -, -, PYR, 2.00, 25-30% tightly chaotically folded qtz-carb veinning, locally discontinuous less than 1 cm - 2cm thick. 3-5% v.fgr. diss. py mineralization in margins of veins

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND119605 | 694.3 | 695.5 | 1.2 | 0.663 | | | | |
| CAOND119606 | 695.5 | 696.5 | 1.0 | 0.020 | | | | |
| CAOND119607 | 696.5 | 698.0 | 1.5 | 0.027 | | | | |
| CAOND119608 | 698.0 | 699.5 | 1.5 | 0.021 | | | | |
| CAOND119609 | 699.5 | 701.0 | 1.5 | 0.027 | | | | |
| CAOND119610 | 701.0 | 702.5 | 1.5 | 0.025 | | | | |
| CAOND119611 | 702.5 | 704.0 | 1.5 | 0.027 | | | | |
| CAOND119612 | 704.0 | 705.5 | 1.5 | 0.033 | | | | |
| CAOND119613 | 705.5 | 707.0 | 1.5 | 0.120 | | | | |
| CAOND119614 | 707.0 | 708.5 | 1.5 | 0.073 | | | | |
| CAOND119616 | 708.5 | 710.0 | 1.5 | 0.052 | | | | |
| CAOND119617 | 710.0 | 711.3 | 1.3 | 0.124 | | | | |

**Major:** **From:** 691.30 **To:** 694.30 DZ, Deformation Zone

Minor interval of strongly chaotically deformed interval of sediment. Primary textures are completely ablitorated and there is no paralle preferential alignment like observed above and bellow this interval. Same medium to dark grey to greenish grey colouring as above and bellow. 5cm thick fault breccia trending at 10 TCA. 1% Qtz veinning less than 1cm thick is chaotically folded and boudinaged and same for the 1-2% carb veining. Pervasive moderate to strong chl and sericite alteration thorughout. 2-3% very fine grained disseminated PY mineralization.

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

691.30, 692.30, DFZ, STRONG, -, -, -, -, Strong chaotic deformation zone
693.40, 693.50, BRC, MOD, 10.00, -, -, -, 5cm thick fault with fault breccia, gouge and mud. Trending at

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND119602 | 691.3 | 692.5 | 1.2 | 0.047 | | | | |
| CAOND119603 | 692.5 | 693.5 | 1.0 | 0.041 | | | | |
| CAOND119604 | 693.5 | 694.3 | 0.8 | 0.045 | | | | |

**Hole number:** KLUC18-521

10 TCA
693.40, 693.50, FAL, -, 10.00, -, -, -, 5cm thick fault with fault breccia, gouge and mud. Trending at 10 TCA
693.40, 693.50, FGO, MOD, 10.00, -, -, -, 5cm thick fault with fault breccia, gouge and mud. Trending at 10 TCA

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS
691.30, 691.50, QtzCbt, 5.00, -, -, -, -, -, -, -, -, -, 5% white qtz-carb veinning occuring as irregular, chaotic and jagged veins crosscuting deformation and 1-2cm thick. Minor amount of the veins are mm scale and parallel to deformation

**Major:** **From:** 610.60 **To:** 691.30 S, Roches sédimentaires indéterminées

Composition: Medium and dark grey to greenish grey, very fine to fine grained sediment with 10% randomly dispersed lithic pebbles of various shapes, sizes and compositions; S - Sediment. Magnetism: Moderately magnetic. Veinning: 1% milky white qtz-carb veinlets. Structure: Moderate deformation throughout with weak preferential alignment at 30-40 TCA but only faintly visible. Alteration: Weak pervasive carbonate alteration. Mineralization: 1% very fine grained disseminated Py mineralization disseminated throughout and locally observed within lithic pebbles. Local clusters of up to 5% disseminated Py. Lower Contact: Relatively sharp *Sediment unit begins as a medium grey fine grained matrix with randomly placed lithic pebbles. Moderate deformating that is faintly visible. **At 636m, there is a gradual increase in carbonate occuring as random whispy patches and veinning, quartz veinning also observed. Deformation intensity remains at moderate (same as above) but angle changes to 30-40 TCA. **647-657m, the carb and qtz veinning diminishes to less than 1-1% and only mm scale veinlets. The deformation intensity increases to strong defined by mm scale parallel stringers of fine grained material and sericite. Strong Se alteration is observed pervasively in this interval and occurs as mm stringers that are preferentially aligned at 40 TCA. **657-667m, there appears to be a change in composition of the sediment beds. There is an introduction of medium purplish grey, medium pink colour patches with local porphyrytic textures. Contacts are gradational and subtle. Deformation moderate to strong accross this interval. **667-674m, returns to medium grey and green moderately deformed sediment package but contains a weakly porphyritic texture. **674m, strong sericite alteration with an increase to 5% fine grained disseminated Py mineralization. This interval contains a 20cm thick fault zone with fault gouge and breccia and a 2.4m faulted interval with fracturing, fault gouge and brecciation. Strong deformation parallel at 40 TCA and sericite alteration occuring in patches with varying intensities continues to 691m. **Between 691-694m there is a minor deformation zone where primary texture are ablitorated and deformation is chaotic. Contacts of this deformation zone appear relatively sharp and localised.

**MINOR INTERVAL**
665.70 - 667.00: PORPHMedium purplish grey fine grained matrix with medium grained beige to cream phenocrysts, possible porphyry intrusion. Upper contact is unclear and gradational but lower contact is sharp and wavy. Weakly deformed with trace py mineralization.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND119537 | 610.6 | 612.0 | 1.4 | 0.090 | | | | |
| CAOND119538 | 612.0 | 613.5 | 1.5 | 0.055 | | | | |
| CAOND119539 | 613.5 | 615.0 | 1.5 | 0.109 | | | | |
| CAOND119540 | 615.0 | 616.5 | 1.5 | 0.076 | | | | |
| CAOND119541 | 616.5 | 618.0 | 1.5 | 0.069 | | | | |
| CAOND119542 | 618.0 | 619.5 | 1.5 | 0.043 | | | | |
| CAOND119543 | 619.5 | 621.0 | 1.5 | 0.066 | | | | |
| CAOND119544 | 621.0 | 622.5 | 1.5 | 0.060 | | | | |
| CAOND119546 | 622.5 | 624.0 | 1.5 | 0.078 | | | | |
| CAOND119547 | 624.0 | 625.5 | 1.5 | 0.086 | | | | |
| CAOND119548 | 625.5 | 627.0 | 1.5 | 0.041 | | | | |
| CAOND119549 | 627.0 | 628.5 | 1.5 | 0.052 | | | | |
| CAOND119551 | 628.5 | 630.0 | 1.5 | 0.063 | | | | |
| CAOND119552 | 630.0 | 631.5 | 1.5 | 0.057 | | | | |
| CAOND119553 | 631.5 | 633.0 | 1.5 | 0.031 | | | | |
| CAOND119554 | 633.0 | 634.5 | 1.5 | 0.048 | | | | |
| CAOND119555 | 634.5 | 636.0 | 1.5 | 0.030 | | | | |
| CAOND119556 | 636.0 | 637.5 | 1.5 | 0.036 | | | | |
| CAOND119557 | 637.5 | 639.0 | 1.5 | 0.114 | | | | |
| CAOND119558 | 639.0 | 640.5 | 1.5 | 0.039 | | | | |
| CAOND119559 | 640.5 | 642.0 | 1.5 | 0.062 | | | | |
| CAOND119561 | 642.0 | 643.5 | 1.5 | 0.018 | | | | |
| CAOND119562 | 643.5 | 645.0 | 1.5 | 0.024 | | | | |

**Hole number:** KLUC18-521

## MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

633.00, 635.00, PYR, DIS, 5.00, -, FGR, 5% fine grained Py mineralization occuring in dissemianted clusters

674.00, 676.20, PYR, DIS, 5.00, -, VFG, 5-8% v.fgr. diss. Py mineralization

## ALTERATION

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

635.00, 645.00, CBT+, PAT, MOD, -, -, -, Moderate carbonate alteration occuring as random patches and whispy veinlets

645.00, 657.00, SER+, PAT, STRONG, -, -, -, Strong sericite alteration occuring as parallel mm scale stringers

674.00, 678.00, SER+, PEN, MOD, -, -, -, Moderate sericite alteration

678.00, 691.30, SER+, PAT, MOD, -, -, -, Moderate with local weak and strong patches of sericite alteration occuring as parallel stringers and pervasive patches

## STRUCTURE

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

610.60, 645.00, DFZ, MOD, -, -, -, -, Moderate pervasive deformation with weak preferential alignment faintly visible at 30-40 TCA

626.30, 626.40, FGO, -, -, -, -, -, 0.5cm thick fault trending at 40 TCA containning fault gouge and mud

630.00, 638.00, FOL, MOD, 20.00, -, -, -, Moderate foliation oriented at 20-30 TCA

632.00, 633.00, FLD, WEAK, -, -, -, -, Local tight fold with upper contact foliation at 20TCA and lower contact at 40 TCA

645.00, 657.00, DFZ, STRONG, 40.00, -, -, -, Strong deformation parallel at 40 TCA, defined by the preferential alignment of mm scale Se stringers alternating with fine grained seds

645.00, 657.00, FOL, STRONG, 40.00, -, -, -, Strong foliation oriented at 40 TCA

649.00, 649.10, FAL, -, 40.00, -, -, -, 0.5cm thick fault with fault gouge and fault mud; oriented parallel to deformation at 40 TCA

649.00, 649.10, FGO, MOD, 40.00, -, -, -, 0.5cm thick fault with fault gouge and fault mud; oriented parallel to deformation at 40 TCA

649.90, 650.00, FAL, -, 40.00, -, -, -, 0.5cm thick fault with fault gouge and fault mud; oriented parallel to deformation at 40 TCA

649.90, 650.00, FGO, MOD, 40.00, -, -, -, 0.5cm thick fault with fault gouge and fault mud; oriented parallel to deformation at 40 TCA

650.00, 667.00, DFZ, MOD, 30.00, -, -, -, Weak to moderate deformation oriented at 30-40 TCA

665.00, 665.70, FLD, WEAK, -, -, -, -, Weak local tight folding

667.50, 669.00, FLD, WEAK, -, -, -, -, Weak local tight folding

674.20, 674.50, BRC, -, 30.00, -, -, -, 30cm thick interval that is moderately brecciated, poorly lithified and crumbly with fault gouge and mud

674.20, 674.50, FAL, -, 30.00, -, -, -, 30cm thick interval that is moderately brecciated, poorly lithified and crumbly with fault gouge and mud

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND119563 | 645.0 | 646.5 | 1.5 | 0.039 | | | | |
| CAOND119564 | 646.5 | 648.0 | 1.5 | 0.023 | | | | |
| CAOND119565 | 648.0 | 649.5 | 1.5 | 0.030 | | | | |
| CAOND119566 | 649.5 | 651.0 | 1.5 | 0.014 | | | | |
| CAOND119567 | 651.0 | 652.5 | 1.5 | 0.015 | | | | |
| CAOND119568 | 652.5 | 654.0 | 1.5 | 0.010 | | | | |
| CAOND119569 | 654.0 | 655.5 | 1.5 | 0.012 | | | | |
| CAOND119571 | 655.5 | 657.0 | 1.5 | 0.016 | | | | |
| CAOND119572 | 657.0 | 658.5 | 1.5 | 0.003 | | | | |
| CAOND119573 | 658.5 | 660.0 | 1.5 | 0.003 | | | | |
| CAOND119574 | 660.0 | 661.5 | 1.5 | 0.003 | | | | |
| CAOND119576 | 661.5 | 663.0 | 1.5 | 0.006 | | | | |
| CAOND119577 | 663.0 | 664.5 | 1.5 | 0.003 | | | | |
| CAOND119578 | 664.5 | 665.7 | 1.2 | 0.005 | | | | |
| CAOND119579 | 665.7 | 667.0 | 1.3 | 0.003 | | | | |
| CAOND119581 | 667.0 | 668.5 | 1.5 | 0.003 | | | | |
| CAOND119582 | 668.5 | 670.0 | 1.5 | 0.003 | | | | |
| CAOND119583 | 670.0 | 671.5 | 1.5 | 0.007 | | | | |
| CAOND119584 | 671.5 | 673.0 | 1.5 | 0.003 | | | | |
| CAOND119585 | 673.0 | 674.0 | 1.0 | 0.008 | | | | |
| CAOND119586 | 674.0 | 675.0 | 1.0 | 0.029 | | | | |
| CAOND119587 | 675.0 | 676.0 | 1.0 | 0.021 | | | | |
| CAOND119588 | 676.0 | 677.0 | 1.0 | 0.016 | | | | |
| CAOND119589 | 677.0 | 678.0 | 1.0 | 0.014 | | | | |
| CAOND119591 | 678.0 | 679.0 | 1.0 | 0.014 | | | | |
| CAOND119592 | 679.0 | 680.5 | 1.5 | 0.016 | | | | |
| CAOND119593 | 680.5 | 682.0 | 1.5 | 0.043 | | | | |
| CAOND119594 | 682.0 | 683.0 | 1.0 | 0.053 | | | | |
| CAOND119595 | 683.0 | 684.5 | 1.5 | 0.027 | | | | |
| CAOND119596 | 684.5 | 686.0 | 1.5 | 0.021 | | | | |
| CAOND119597 | 686.0 | 687.0 | 1.0 | 0.013 | | | | |
| CAOND119598 | 687.0 | 688.5 | 1.5 | 0.016 | | | | |
| CAOND119599 | 688.5 | 690.0 | 1.5 | 0.036 | | | | |

**Hole number:** KLUC18-521

674.20, 674.50, FGO, -, 30.00, -, -, -, 30cm thick interval that is moderately brecciated, poorly lithified and crumbly with fault gouge and mud
676.20, 677.90, BRC, MOD, -, -, -, -, 2.4m thick interval that is moderately brecciated, poorly lithified and crumbly with fault gouge and mud and moderately fractured. Possibly multiple faults in close proximity?
676.20, 677.90, FAL, -, -, -, -, -, 2.4m thick interval that is moderately brecciated, poorly lithified and crumbly with fault gouge and mud and moderately fractured. Possibly multiple faults in close proximity?
676.20, 677.90, FGO, MOD, -, -, -, -, 2.4m thick interval that is moderately brecciated, poorly lithified and crumbly with fault gouge and mud and moderately fractured. Possibly multiple faults in close proximity?
676.20, 677.90, FRA, MOD, -, -, -, -, 2.4m thick interval that is moderately brecciated, poorly lithified and crumbly with fault gouge and mud and moderately fractured. Possibly multiple faults in close proximity?
677.90, 691.30, DFZ, MOD, 40.00, -, -, -, Moderate parallel deformation at 40 TCA
677.90, 691.30, FOL, MOD, 40.00, -, -, -, Moderate parallel deformation at 40 TCA

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
635.00, 645.00, CBT, 20.00, -, -, -, -, -, -, -, -, -, 20% chaotic, whispy, discontinuous and deformed carb and qtz-carb veinning
651.60, 652.00, QTZ, 5.00, -, -, -, -, -, -, -, -, -, 5% deformed and folded white qtz veinning
665.50, 672.00, QtzCbt, 10.00, -, -, -, -, -, -, -, -, -, 10% deformed and folded white qtz-carb veinning 1-2cm thick with rare veins up to 10cm thick. No preferred orientation
678.00, 691.30, QtzCbt, 5.00, -, -, -, -, -, -, -, -, -, 5% white qtz-carb veinning occuring as irregular, chaotic and jagged veins crosscuting deformation and 1-2cm thick. Minor amount of the veins are mm scale and parallel to deformation

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND119601 | 690.0 | 691.3 | 1.3 | 0.044 | | | | |

**Major:** **From:** 607.40 **To:** 610.60 VN, Veine

Composition: 70% chaotic, deformed qtz-carb-hem veinning within a deformed and altered sedimentary host rock? VN - Vein. Magnetism: Non magnetic Veinning: Major rock lithology. Structure: Veinning is deformed and chaotic with moderate to strong parallel deformation in what is remaining of host rock. Alteration: Strong Se alteration in host rock. Mineralization: 5% very fine grained disseminated Py mineralization occuring in Se altered host rock. Lower Contact: Gradational, veinning suddenly diminishes in abundance.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
607.40, 610.60, PYR, DIS, 5.00, -, VFG, 5% very fine grained disseminated Py mineralization occuring within Se altered host rock

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
607.40, 610.60, SER+, PEN, MOD, -, -, -, Moderate to strong pervasive Se alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND119533 | 607.4 | 608.2 | 0.8 | 0.025 | | | | |
| CAOND119534 | 608.2 | 609.0 | 0.8 | 0.012 | | | | |
| CAOND119535 | 609.0 | 610.0 | 1.0 | 0.011 | | | | |
| CAOND119536 | 610.0 | 610.6 | 0.6 | 0.179 | | | | |

**Hole number:** KLUC18-521

607.40, 610.60, DFZ, MOD, -, -, -, -, Moderate deformation with local folding of veinning and parallel alignment in host rock

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
607.40, 610.60, QtzCbt, 70.00, -, -, -, -, -, -, -, PYR, 5.00, 70% qtz-carb veinning listed as a major litho unit hosted in a sedimentary unit? 5% very fine grained Py mineralization dissemianted in Se altered margins

**Major:** **From:** 336.50 **To:** 336.80 I4P, Kimberlite

Composition: Dark green, fine grained crumbly matrix with 80% angular to subrounded clasts and olivines?; I4P - Kimberlite. Magnetism: Moderately magnetic. Veinning: None Structure: None besides being brittle and crumbly. Alteration: Strong weathering and poorly lithified. Mineralization: None oberserved Lower Contact: Sharp and straight; oriented at 30 TCA cross cutting deformation in adjacant unit at 90 degrees.

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
336.50, 336.80, DFZ, STRONG, -, -, -, -, Strong chaotic deformation
336.50, 336.80, FOL, WEAK, 30.00, -, -, -, Weak preferential alignment at 30-40 TCA

**Major:** **From:** 606.60 **To:** 607.40 M1s, Sericite Schist

Composition: Medium green, yellow and yellowish green, strongly sheared and altered, dominantly composed of Se and Qtz, protolith = sedimentary? M1s - Sericite schist. Magnetism: Non magnetic. Veinning: Less than 1% mm scale deformed qtz-carb veinning. Structure: Strong shearing dominantly parallel at 30-40 TCA with a 20cm thick interval containning moderate crenulations. Alteration: Strong to intense Se alteration occuring throughout. Mineralization: Trace to 1% very fine grained disseminated Py mineralization. Lower Contact: Gradational

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
606.60, 607.40, SER+, PEN, STRONG, -, -, -, Strong pervasive Se alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
606.60, 607.40, CRN, MOD, -, -, -, -, Moderate crenulations occuring over a 20cm thick interval
606.60, 607.40, SHR, STRONG, 40.00, -, -, -, Strong shearing oriented parallel at 30-40 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND119532 | 606.6 | 607.4 | 0.8 | 0.072 | | | | |

**Major:** **From:** 517.10 **To:** 518.90 PORPH, porphyry

Composition: Pale pink and pale beige phenocrysts with dark purplish dark matrix, phenocryst supported, coarse grained porphyry; PORPH - Porphyry. Magnetism: None magnetic. Veinning: 1% chaotic carb filled microfractures. Structure: Moderately deformed with no preferential alignment. Alteration: Weak carbonate alteration. Mineralization: 5% very fine grained disseminated Py

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118959 | 517.1 | 518.0 | 0.9 | 0.325 | | | | |
| CAOND118961 | 518.0 | 518.9 | 0.9 | 0.314 | | | | |

mineralization. Lower Contact: Sharp and slightly wavy; oriented at 40 TCA.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

517.10, 518.90, PYR, DIS, 5.00, -, VFG, 5% very fine grained Py mineralization disseminated in between the phenocrysts

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

517.10, 518.90, DFZ, MOD, -, -, -, -, Weak to moderate deformation parallel at 40 TCA

517.10, 518.90, FOL, MOD, 40.00, -, -, -, Weak to moderate preferential alignmnet at 40 TCA

**Major: From:** 514.40 **To:** 517.10 V8Porph, Trachyte porphyrytic

Composition: Pale and medium pink, greenish beige; coarse grained, clast supported, porphyritic; V8tPorph - Trachyte porphyritic. Magnetism: None magnetic. Veinning: 1% carbonate filled microfractures. Structure: Weak brittle deformation. Alteration: Weak hematite alteration and weak chlorite alteration occuring in microfractures. Mineralization: 5% very fine grained Py mineralization disseminated between the phenocrysts. Lower Contact: Sharp but irregular.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

514.40, 517.10, PYR, DIS, 5.00, -, VFG, 5% very fine grained Py mineralization disseminated in between the phenocrysts

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

514.40, 517.10, DFZ, MOD, -, -, -, -, Weak to moderate deformation parallel at 40 TCA

514.40, 517.10, FOL, MOD, 40.00, -, -, -, Weak to moderate preferential alignmnet at 40 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118957 | 514.4 | 515.7 | 1.3 | 0.726 | | | | |
| CAOND118958 | 515.7 | 517.1 | 1.4 | 0.517 | | | | |

**Major: From:** 486.70 **To:** 514.40 V8mtl, Trachyte mafic tuff lapilli

Composition: Dark green and dark grey bands alternating with medium grey to creamy brown bands and medium reddish grey and pink spot scattered throughout, tiger striped texture; V8mtl - Trachyte mafic tuff lapilli. Magnetism: Moderately magnetic. Veinning: 5-10% mm scale, chaotic, discontinuous and whispy carb veinlets. Structure: Strong deformation parallel and oriented at 40 TCA. Alteration: Moderate parallel patches and bands of Se? and Carb? alteration. Local pervasive and patchy Hem alteration. Mineralization: 3-5% very fine grained disseminted Py mineralization. Lower Contact: Sharp but irregular and fractured. 505-514.4m = The dark grey and medium brownish tiger stripe texture with red spots diminishes and becomes more of a chaotic melange of clasts and minerals.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

486.70, 514.40, PYR, DIS, 3.00, -, VFG, 3-5% very fine grained Py mineraliztion disseminated thorugout

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

486.70, 489.70, HEM+, PAT, MOD, -, -, -, Moderate to strong hem alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118936 | 486.7 | 488.0 | 1.3 | 0.031 | | | | |
| CAOND118937 | 488.0 | 489.5 | 1.5 | 0.021 | | | | |
| CAOND118938 | 489.5 | 491.0 | 1.5 | 0.015 | | | | |
| CAOND118939 | 491.0 | 492.5 | 1.5 | 0.050 | | | | |
| CAOND118940 | 492.5 | 494.0 | 1.5 | 0.032 | | | | |
| CAOND118941 | 494.0 | 495.5 | 1.5 | 0.109 | | | | |
| CAOND118942 | 495.5 | 497.0 | 1.5 | 0.095 | | | | |
| CAOND118943 | 497.0 | 498.5 | 1.5 | 0.040 | | | | |
| CAOND118944 | 498.5 | 500.0 | 1.5 | 0.067 | | | | |
| CAOND118946 | 500.0 | 501.5 | 1.5 | 0.152 | | | | |
| CAOND118947 | 501.5 | 503.0 | 1.5 | 0.072 | | | | |

**Hole number:** KLUC18-521

486.70, 514.40, CBT+, PAT, MOD, -, -, -, Moderate to strong carbonate alteration occuring as parallel bands and chaotic veinlets
500.00, 503.20, HEM+, PAT, MOD, -, -, -, Moderate to strong patchy hem alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
486.70, 505.00, FOL, STRONG, 40.00, -, -, -, Strong preferential alignmnet at 40 TCA
486.70, 514.40, DFZ, STRONG, 40.00, -, -, -, Strong deformation parallel at 40 TCA
505.00, 514.40, FOL, WEAK, -, -, -, -, Weak preferential alignment

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118948 | 503.0 | 504.5 | 1.5 | 0.075 | | | | |
| CAOND118949 | 504.5 | 506.0 | 1.5 | 0.015 | | | | |
| CAOND118951 | 506.0 | 507.5 | 1.5 | 0.061 | | | | |
| CAOND118952 | 507.5 | 509.0 | 1.5 | 0.025 | | | | |
| CAOND118953 | 509.0 | 510.5 | 1.5 | 0.033 | | | | |
| CAOND118954 | 510.5 | 512.0 | 1.5 | 0.076 | | | | |
| CAOND118955 | 512.0 | 513.5 | 1.5 | 0.060 | | | | |
| CAOND118956 | 513.5 | 514.4 | 0.9 | 0.148 | | | | |

**Major:** **From:** 407.30 **To:** 486.70 V8tl, Trachytic lapilli tuff

Composition: Medium redish brown with minor green patches, medium grained, moderately brittely deformed, massive and unbedded lapilli-tuff with 30% angular dark green and creamy pale green angular and subrounded clasts?; V8tl - Trachyte tuff lapilli. Magnetism: Intervals with weak and moderate magnetism. Veinning: 5% mm scale chaotic, discontinuous, microfracture filled carb veinlets. Structure: Moderately brittely deformed defined by microfracturing. Alteration: Moderate pervasive hem alteration with local intervals of moderate carbonate bleaching and pervasive moderate Se alteration. Mineralization: Trace very fine grained disseminated Py mineralization with local clusters containning up to 3% Py. Lower Contact: Sharp and straight; oriented at 40 TCA 439-443.5m = 10-20cm thick minor intervals that are dark green and mafic composition. Appears to be an increase in veinning in this interval also.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
432.00, 437.00, PYR, DIS, 5.00, -, VFG, 5% very fgr. diss. Py mineralization occuring throughout a bleached syenite? or tuffaceous unit
485.10, 485.30, CPY, PAT, 5.00, -, -, 5% Cp clustered in a 2cm thick qtz vein occuring with galena
485.10, 485.30, GAL, PAT, 5.00, -, -, 5% galena clustered in a 2cm thick qtz vein occuring with Cp

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
407.30, 407.40, CBT+, PEN, MOD, -, -, -, Moderate pervasive carbonate bleaching?
407.30, 407.40, HEM+, PAT, MOD, -, -, -, Moderate patchy hem alt
407.40, 486.70, HEM+, PEN, MOD, -, -, -, Moderate pervasive hem alteration
432.00, 437.00, CBT+, PEN, MOD, -, -, -, Moderate pervasive carbonate bleaching
432.00, 437.00, SER+, PEN, MOD, -, -, -, Moderate pervsive Se alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
407.40, 486.70, DFZ, MOD, -, -, -, -, Moderate brittle deformation defined by healed microfracturing

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/CON

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118874 | 407.3 | 408.5 | 1.2 | 0.206 | | | | |
| CAOND118876 | 408.5 | 410.0 | 1.5 | 0.037 | | | | |
| CAOND118877 | 410.0 | 411.5 | 1.5 | 0.015 | | | | |
| CAOND118878 | 411.5 | 413.0 | 1.5 | 0.029 | | | | |
| CAOND118879 | 413.0 | 414.5 | 1.5 | 0.027 | | | | |
| CAOND118881 | 414.5 | 416.0 | 1.5 | 0.061 | | | | |
| CAOND118882 | 416.0 | 417.5 | 1.5 | 0.051 | | | | |
| CAOND118883 | 417.5 | 419.0 | 1.5 | 0.196 | | | | |
| CAOND118884 | 419.0 | 420.5 | 1.5 | 0.206 | | | | |
| CAOND118885 | 420.5 | 422.0 | 1.5 | 0.054 | | | | |
| CAOND118886 | 422.0 | 423.5 | 1.5 | 0.117 | | | | |
| CAOND118887 | 423.5 | 425.0 | 1.5 | 0.097 | | | | |
| CAOND118888 | 425.0 | 426.5 | 1.5 | 0.028 | | | | |
| CAOND118889 | 426.5 | 428.0 | 1.5 | 0.039 | | | | |
| CAOND118891 | 428.0 | 429.5 | 1.5 | 0.088 | | | | |
| CAOND118892 | 429.5 | 431.0 | 1.5 | 0.078 | | | | |
| CAOND118893 | 431.0 | 432.5 | 1.5 | 0.008 | | | | |
| CAOND118894 | 432.5 | 434.0 | 1.5 | 0.009 | | | | |
| CAOND118895 | 434.0 | 435.5 | 1.5 | 0.396 | | | | |
| CAOND118896 | 435.5 | 437.0 | 1.5 | 0.481 | | | | |
| CAOND118897 | 437.0 | 438.5 | 1.5 | 0.237 | | | | |
| CAOND118898 | 438.5 | 440.0 | 1.5 | 0.251 | | | | |
| CAOND118899 | 440.0 | 441.5 | 1.5 | 0.054 | | | | |
| CAOND118901 | 441.5 | 443.0 | 1.5 | 0.090 | | | | |

**Hole number:** KLUC18-521

NTS
438.50, 444.00, QtzCbt, 5.00, -, -, -, -, -, -, -, -, -, 5% chaotic mm scale and clustered milky white qtz-carb and carb veinlets
485.10, 485.30, QTZ, 5.00, -, -, -, -, -, -, -, CPY, 5.00, 2cm thick qtz vein that pinches into <1mm, contains 5% Cp and 5% galen clustered together in a 0.5x2cm patch within the vein

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118902 | 443.0 | 444.5 | 1.5 | 0.050 | | | | |
| CAOND118903 | 444.5 | 446.0 | 1.5 | 0.033 | | | | |
| CAOND118904 | 446.0 | 447.5 | 1.5 | 0.020 | | | | |
| CAOND118905 | 447.5 | 449.0 | 1.5 | 0.003 | | | | |
| CAOND118906 | 449.0 | 450.5 | 1.5 | 0.018 | | | | |
| CAOND118907 | 450.5 | 452.0 | 1.5 | 0.003 | | | | |
| CAOND118908 | 452.0 | 453.5 | 1.5 | 0.006 | | | | |
| CAOND118909 | 453.5 | 455.0 | 1.5 | 0.022 | | | | |
| CAOND118910 | 455.0 | 456.5 | 1.5 | 0.025 | | | | |
| CAOND118911 | 456.5 | 458.0 | 1.5 | 0.018 | | | | |
| CAOND118912 | 458.0 | 459.5 | 1.5 | 0.184 | | | | |
| CAOND118913 | 459.5 | 461.0 | 1.5 | 0.616 | | | | |
| CAOND118914 | 461.0 | 462.5 | 1.5 | 0.035 | | | | |
| CAOND118916 | 462.5 | 464.0 | 1.5 | 0.073 | | | | |
| CAOND118917 | 464.0 | 465.5 | 1.5 | 0.126 | | | | |
| CAOND118918 | 465.5 | 467.0 | 1.5 | 0.100 | | | | |
| CAOND118919 | 467.0 | 468.5 | 1.5 | 0.160 | | | | |
| CAOND118921 | 468.5 | 470.0 | 1.5 | 0.129 | | | | |
| CAOND118922 | 470.0 | 471.5 | 1.5 | 0.053 | | | | |
| CAOND118923 | 471.5 | 473.0 | 1.5 | 0.044 | | | | |
| CAOND118924 | 473.0 | 474.5 | 1.5 | 0.063 | | | | |
| CAOND118926 | 474.5 | 476.0 | 1.5 | 0.107 | | | | |
| CAOND118927 | 476.0 | 477.5 | 1.5 | 0.041 | | | | |
| CAOND118928 | 477.5 | 479.0 | 1.5 | 0.030 | | | | |
| CAOND118929 | 479.0 | 480.5 | 1.5 | 0.013 | | | | |
| CAOND118931 | 480.5 | 482.0 | 1.5 | 0.012 | | | | |
| CAOND118932 | 482.0 | 483.5 | 1.5 | 0.046 | | | | |
| CAOND118933 | 483.5 | 485.0 | 1.5 | 0.052 | | | | |
| CAOND118934 | 485.0 | 486.0 | 1.0 | 0.042 | | | | |
| CAOND118935 | 486.0 | 486.7 | 0.7 | 0.502 | | | | |

**Major:** **From:** 397.90 **To:** 407.30 V8t, Trachytic tuff

Composition: Pale grey, pale and medium purplish grey, pale and medium red, fine grained and relatively massive, bleached; V8t - Trachyte tuff. Magnetism: Moderately magnetic. Veinning: 1% mm scale

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118866 | 397.9 | 399.0 | 1.1 | 0.065 | | | | |
| CAOND118867 | 399.0 | 400.5 | 1.5 | 0.013 | | | | |

**Hole number:** KLUC18-521

carbonate filled microfractures and patches Structure: Moderate deformation with moderate foliation at 40 TCA observed locally but not throughout. Alteration: Moderate patchy hematite alteration and moderate carbonate bleaching throughout. Mineralization: Rare to trace very fine grained disseminated Py mineralization Lower Contact: Sharp and oriented at 40 TCA

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

397.90, 407.30, CBT+, PEN, MOD, -, -, -, Moderate pervasive carbonate bleaching?
400.00, 407.30, HEM+, PAT, MOD, -, -, -, Moderate patchy hem alt

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

403.00, 406.00, FRA, WEAK, -, -, -, -, Weak fracturing over 20-30cm into 5-10cm thick pieces. Fractures trending parallel to core

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118868 | 400.5 | 402.0 | 1.5 | 0.091 | | | | |
| CAOND118869 | 402.0 | 403.5 | 1.5 | 0.194 | | | | |
| CAOND118871 | 403.5 | 405.0 | 1.5 | 0.104 | | | | |
| CAOND118872 | 405.0 | 406.0 | 1.0 | 0.020 | | | | |
| CAOND118873 | 406.0 | 407.3 | 1.3 | 0.015 | | | | |

**Major:** **From:** 378.50 **To:** 397.90 V8mtl, Trachyte mafic tuff lapilli

Composition: Dark green and dark grey bands alternating with medium grey to creamy brown bands and medium reddish grey and pink spot scattered throughout, tiger stripe texture; V8mtl - Trachyte mafic tuff lapilli. Magnetism: Moderately magnetic. Veinning: 1% mm scale, chaotic, carb veinlets. Structure: Strong deformation parallel and oriented at 40 TCA. Alteration: Moderate pervasive patches of Se alteration. Local pervasive Hem alteration. Mineralization: Trace very fine grained disseminted Py mineralization with local clusters of up to 5% Py. Lower Contact: Sharp and oriented at 40 TCA.
391.2-392.5m = appears to be a tuffaceous bed that is different in composition. This interval is weakly foliated and does not contain the tiger stripping texture.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

384.00, 387.00, PYR, DIS, 5.00, -, VFG, 5-8% very fgr. diss. Py mineralization

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

378.50, 397.90, SER+, PAT, MOD, -, -, -, Moderate patchy to pervasive Se alteration
384.00, 387.00, HEM+, PAT, MOD, -, -, -, Moderate to strong patches of hem alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

378.50, 397.90, DFZ, STRONG, 40.00, -, -, -, Strong deformation parallel at 40 TCA
378.50, 397.90, FOL, STRONG, 40.00, -, -, -, Strong preferential alignment at 40 TCA

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

382.50, 389.00, CBT, 3.00, -, -, -, -, -, -, -, -, -, 3-5% mm scle chaotic and deformed carb veinning

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118851 | 378.5 | 380.0 | 1.5 | 0.055 | | | | |
| CAOND118852 | 380.0 | 381.5 | 1.5 | 0.121 | | | | |
| CAOND118853 | 381.5 | 383.0 | 1.5 | 0.076 | | | | |
| CAOND118854 | 383.0 | 384.2 | 1.2 | 0.086 | | | | |
| CAOND118855 | 384.2 | 385.5 | 1.3 | 0.395 | | | | |
| CAOND118856 | 385.5 | 387.0 | 1.5 | 0.060 | | | | |
| CAOND118857 | 387.0 | 388.5 | 1.5 | 0.009 | | | | |
| CAOND118858 | 388.5 | 390.0 | 1.5 | 0.008 | | | | |
| CAOND118859 | 390.0 | 391.2 | 1.2 | 0.021 | | | | |
| CAOND118861 | 391.2 | 392.5 | 1.3 | 0.003 | | | | |
| CAOND118862 | 392.5 | 394.0 | 1.5 | 8.540 | | | | |
| CAOND118863 | 394.0 | 395.5 | 1.5 | 0.021 | | | | |
| CAOND118864 | 395.5 | 397.0 | 1.5 | 0.021 | | | | |
| CAOND118865 | 397.0 | 397.9 | 0.9 | 0.138 | | | | |

## Hole number: KLUC18-521

**Major:** **From:** 370.20 **To:** 378.50 VCIC, Volcanoclastic

Composition: Dark red with medium green and grey patches, strongly altered and deformed but chaotic; VCIC - Volcanoclasitc. Magnetism: Moderately magnetic. Veinning: 3-4% mm scale discontinuous and chaotic carb veinlets. Structure: Strong deformation dominantly chaotic with weak to moderate preferential alignment at 40 TCA. Alteration: Strong patchy kspar-hem alteration. Mineralization: Trace very fine grained disseminated Py mineralization. Trace Cp minerlization locally spotted in veinning. Lower Contact: Sharp; oriented at 40 TCA

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

370.20, 378.50, CPY, DIS, .50, -, -, 0.5% Cp mineralization locally clustered in veinning

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

370.20, 378.50, HEM+, PAT, STRONG, -, -, -, Strong patchy hematite alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

370.20, 373.00, FOL, STRONG, 40.00, -, -, -, Strong preferential alignment at 40 TCA
375.00, 376.50, FOL, STRONG, 40.00, -, -, -, Strong preferential alignment at 40 TCA

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

370.20, 378.50, CBT, 3.00, -, -, -, -, -, -, -, -, -, 3-4% mm scale chaotic and discontinuous carb veinnining. Occuring in clusters but random single veins as well

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118843 | 370.3 | 371.5 | 1.2 | 0.169 | | | | |
| CAOND118844 | 371.5 | 373.0 | 1.5 | 0.046 | | | | |
| CAOND118846 | 373.0 | 374.5 | 1.5 | 0.079 | | | | |
| CAOND118847 | 374.5 | 376.0 | 1.5 | 0.024 | | | | |
| CAOND118848 | 376.0 | 377.5 | 1.5 | 0.079 | | | | |
| CAOND118849 | 377.5 | 378.5 | 1.0 | 0.168 | | | | |

**Major:** **From:** 369.80 **To:** 370.20 I4P, Kimberlite

Composition: Dark green, fine grained crumbly matrix with 40% angular to subrounded clasts and olivines? dominantly mm scale with trace up to 2cm in size; I4P - Kimberlite. Magnetism: Moderately magnetic. Veinning: None Structure: None besides being brittle and crumbly. Alteration: Strong weathering and poorly lithified. Mineralization: None oberserved Lower Contact: Sharp and oriented at 30 TCA. Parallel to adjacant deformation

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

369.80, 370.20, FOL, STRONG, 40.00, -, -, -, Strong preferential alignment at 40 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118842 | 369.8 | 370.3 | 0.5 | 0.037 | | | | |

**Major:** **From:** 355.10 **To:** 369.80 V8mtl, Trachyte mafic tuff lapilli

Composition: Dark green and dark grey bands alternating with medium grey to creamy brown bands and medium reddish grey and pink spot scattered throughout, tiger stripe texture; V8mtl - Trachyte mafic tuff lapilli. Magnetism: Moderately magnetic. Veinning: 1% mm scale, chaotic, carb veinlets. Structure: Strong deformation parallel and oriented at 40 TCA. Alteration: Strong pervasive patches of Se alteration. Mineralization: Trace very fine grained disseminted Py mineralization with local clusters of

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118832 | 355.1 | 356.5 | 1.4 | 0.046 | | | | |
| CAOND118833 | 356.5 | 358.0 | 1.5 | 0.088 | | | | |
| CAOND118834 | 358.0 | 359.5 | 1.5 | 0.025 | | | | |
| CAOND118835 | 359.5 | 361.0 | 1.5 | 0.015 | | | | |

**Hole number:** KLUC18-521

up to 5% Py. Lower Contact: Sharp and oriented at 40 TCA.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

355.10, 369.80, SER+, PAT, STRONG, -, -, -, Strong pervsive patches of Se alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

355.10, 369.80, DFZ, STRONG, 40.00, -, -, -, Strong parallel deformation aligned at 40 TCA

355.10, 369.80, FOL, STRONG, 40.00, -, -, -, Strong preferential alignment at 40 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118836 | 361.0 | 362.5 | 1.5 | 0.029 | | | | |
| CAOND118837 | 362.5 | 364.0 | 1.5 | 0.013 | | | | |
| CAOND118838 | 364.0 | 365.5 | 1.5 | 0.036 | | | | |
| CAOND118839 | 365.5 | 367.0 | 1.5 | 0.013 | | | | |
| CAOND118840 | 367.0 | 368.5 | 1.5 | 0.008 | | | | |
| CAOND118841 | 368.5 | 369.8 | 1.3 | 0.018 | | | | |

**Major:** **From:** 353.20 **To:** 355.10 V8tl, Trachytic lapilli tuff

Composition: Pale to medium greenish beige, fine grained with medium grained purple spots; V8tl - Trachyte tuff lapilli Magnetism: Weakly magnetic. Veinning: 5% chaotic, deformed and discontinuous mm scale milky white carb veinlets. Structure: Strong deformation with preferential alignment at 40 TCA. Alteration: Strong pervasive Se alteration. Mineralization: 1% very fine grained Py mineralization. Lower Contact: Gradational

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

353.20, 355.10, SER+, PEN, STRONG, -, -, -, Strong pervasive Se alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

353.20, 355.10, DFZ, STRONG, -, -, -, -, Strong deformation

353.20, 355.10, FOL, MOD, 30.00, -, -, -, Moderate preferential alignment at 30-40 TCA

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

353.20, 355.10, CBT, 5.00, -, -, -, -, -, -, -, -, -, 5% chaotic, deformed and discontinuous mm scale milky white carb veinlets

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118829 | 353.2 | 354.2 | 1.0 | 2.450 | | | | |
| CAOND118831 | 354.2 | 355.1 | 0.9 | 0.075 | | | | |

**Major:** **From:** 350.70 **To:** 353.20 I2Dp, Porphyritic Syenite

Composition: Medium purplish grey with trace red spots, porphyritic; I2Dp - Syenite porphyry. Magnetism: None magnetic. Veinning: 2% mm scale chaotic and discontinuous carb veinning. Structure: Moderate deformation at no preferred orientation. Alteration: Moderate patchy hem? alteration. Mineralization: 5% very fine grained disseminated Py. Lower Contact: Sharp and straight; oriented at 40 TCA.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

350.70, 353.20, PYR, DIS, 5.00, -, VFG, 5% v.fgr. diss. Py

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118827 | 350.7 | 352.0 | 1.3 | 5.750 | | | | |
| CAOND118828 | 352.0 | 353.2 | 1.2 | 23.900 | | | | |

**Hole number:** KLUC18-521

**Major:** **From:** 518.90 **To:** 606.60 V8Porph, Trachyte porphyrytic

Composition: Various shades of grey, green, and reds, medium to coarse grained, phenocrysts/clasts supported, porphyritic. Phenocrysts are domiantly deformed, flattened and elongated but there are minor intervals that are fine grained tuff. V8Porph - Trachyte porphyritic. Magnetism: None magnetic. Veinning: 1% carbonate filled microfractures. Structure: Weak to moderate deformation parallel at 40 TCA. Alteration: Moderate mm scale stringers of chlorite alteration and local patches of strong hem alteration. Mineralization: 5% very fine grained Py mineralization disseminated between the phenocrysts. Lower Contact: Gradational, strongly sheared and strongly sericite altered. The abundance of phenocrysts gradually diminishes and the grain size gradually decreases. **The textures, phenocrysts composition and mineralogy of alteration and intensity of alteration seems to gradually change and vary throughout this interval. This interval appears to be dominantly composed of felspar and qtz phenocrysts that are rounded and flattened/deformed with random patches of various intensities of hem alteration and local chl-se alteration is also observed. There are also minor intervals that contain more angular medium to coarse grained phenocrysts of mafic composition with 50/50 matrix and phenocrysts. Minor interval are also observed containning both the rounded felspar and mafic angular phenocrysts.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

518.90, 559.00, PYR, DIS, 3.00, -, VFG, 3-5% very fine grained Py mineraliztion disseminated thorugout

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

523.00, 526.00, HEM+, PAT, STRONG, -, -, -, Strong patchy hematite alteration
526.00, 533.00, HEM+, PAT, WEAK, -, -, -, Weak patchy hem alteration
533.00, 537.00, HEM+, PAT, MOD, -, -, -, Moderate patchy hem alteration
537.00, 540.00, HEM+, PAT, WEAK, -, -, -, Weak patchy hem alteration
540.00, 550.00, SER+, PEN, STRONG, -, -, -, Strong pervasive SE alteration
550.00, 556.00, HEM+, PAT, MOD, -, -, -, Moderate patchy hem alt
556.00, 601.00, HEM+, PAT, WEAK, -, -, -, Weak patchy with minor moderate patches of hem alteration
587.00, 591.00, SER+, PEN, MOD, -, -, -, Moderate pervasive SE alteration occuring in between phenocrysts

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

518.90, 606.60, DFZ, MOD, -, -, -, -, Weak to moderate deformation parallel at 40 TCA
518.90, 606.60, FOL, MOD, 40.00, -, -, -, Weak to moderate preferential alignmnet at 40 TCA

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

521.00, 521.50, QTZ, 30.00, -, -, -, -, -, -, -, -, -, 30% chaotic melange of qtz veinning at no preferred orientation
527.00, 529.00, CBT, 5.00, -, -, -, -, -, -, -, -, -, 5% milky white carbonte veinning trending parallel at 40

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118962 | 518.9 | 520.0 | 1.1 | 0.160 | | | | |
| CAOND118963 | 520.0 | 521.5 | 1.5 | 0.143 | | | | |
| CAOND118964 | 521.5 | 523.0 | 1.5 | 0.290 | | | | |
| CAOND118965 | 523.0 | 524.0 | 1.0 | 0.299 | | | | |
| CAOND118966 | 524.0 | 525.0 | 1.0 | 0.200 | | | | |
| CAOND118967 | 525.0 | 526.5 | 1.5 | 0.104 | | | | |
| CAOND118968 | 526.5 | 527.5 | 1.0 | 0.122 | | | | |
| CAOND118969 | 527.5 | 529.0 | 1.5 | 0.355 | | | | |
| CAOND118971 | 529.0 | 530.5 | 1.5 | 0.235 | | | | |
| CAOND118972 | 530.5 | 531.5 | 1.0 | 0.318 | | | | |
| CAOND118973 | 531.5 | 532.5 | 1.0 | 1.195 | | | | |
| CAOND118974 | 532.5 | 534.0 | 1.5 | 0.257 | | | | |
| CAOND118976 | 534.0 | 535.5 | 1.5 | 0.096 | | | | |
| CAOND118977 | 535.5 | 537.0 | 1.5 | 0.042 | | | | |
| CAOND118978 | 537.0 | 538.5 | 1.5 | 0.062 | | | | |
| CAOND118979 | 538.5 | 540.0 | 1.5 | 0.085 | | | | |
| CAOND118981 | 540.0 | 541.5 | 1.5 | 0.087 | | | | |
| CAOND118982 | 541.5 | 543.0 | 1.5 | 0.134 | | | | |
| CAOND118983 | 543.0 | 544.5 | 1.5 | 0.102 | | | | |
| CAOND118984 | 544.5 | 546.0 | 1.5 | 0.195 | | | | |
| CAOND118985 | 546.0 | 547.5 | 1.5 | 0.091 | | | | |
| CAOND118986 | 547.5 | 549.0 | 1.5 | 0.038 | | | | |
| CAOND118987 | 549.0 | 550.5 | 1.5 | 0.078 | | | | |
| CAOND118988 | 550.5 | 552.0 | 1.5 | 0.115 | | | | |
| CAOND118989 | 552.0 | 553.5 | 1.5 | 0.087 | | | | |
| CAOND118991 | 553.5 | 555.0 | 1.5 | 0.089 | | | | |
| CAOND118992 | 555.0 | 556.5 | 1.5 | 0.118 | | | | |
| CAOND118993 | 556.5 | 558.0 | 1.5 | 0.436 | | | | |
| CAOND118994 | 558.0 | 559.5 | 1.5 | 0.113 | | | | |
| CAOND118995 | 559.5 | 561.0 | 1.5 | 0.085 | | | | |
| CAOND118996 | 561.0 | 562.5 | 1.5 | 0.074 | | | | |
| CAOND118997 | 562.5 | 564.0 | 1.5 | 0.034 | | | | |
| CAOND118998 | 564.0 | 565.5 | 1.5 | 0.024 | | | | |

**Hole number:** KLUC18-521

TCA, Less than 1 -1cm thick
531.60, 532.20, CBT, 40.00, -, -, -, -, -, -, -, -, -, 40% milky white carbonate veinning, chaotic and discontinuous
543.00, 547.50, QtzCbt, 5.00, -, -, -, -, -, -, -, -, -, 5% chaotic qtz-carb veinning generally parallel to deformation and one another at 40-50 TCA, dominantly less than 1cm thick

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118999 | 565.5 | 567.0 | 1.5 | 0.041 | | | | |
| CAOND119501 | 567.0 | 568.5 | 1.5 | 0.092 | | | | |
| CAOND119502 | 568.5 | 570.0 | 1.5 | 0.022 | | | | |
| CAOND119503 | 570.0 | 571.5 | 1.5 | 0.028 | | | | |
| CAOND119504 | 571.5 | 573.0 | 1.5 | 0.025 | | | | |
| CAOND119505 | 573.0 | 574.5 | 1.5 | 0.032 | | | | |
| CAOND119506 | 574.5 | 576.0 | 1.5 | 0.020 | | | | |
| CAOND119507 | 576.0 | 577.5 | 1.5 | 0.035 | | | | |
| CAOND119508 | 577.5 | 579.0 | 1.5 | 0.025 | | | | |
| CAOND119509 | 579.0 | 580.5 | 1.5 | 0.020 | | | | |
| CAOND119510 | 580.5 | 582.0 | 1.5 | 0.011 | | | | |
| CAOND119511 | 582.0 | 583.5 | 1.5 | 0.012 | | | | |
| CAOND119512 | 583.5 | 585.0 | 1.5 | 0.012 | | | | |
| CAOND119513 | 585.0 | 586.5 | 1.5 | 0.031 | | | | |
| CAOND119514 | 586.5 | 588.0 | 1.5 | 0.054 | | | | |
| CAOND119516 | 588.0 | 589.5 | 1.5 | 0.156 | | | | |
| CAOND119517 | 589.5 | 591.0 | 1.5 | 0.023 | | | | |
| CAOND119518 | 591.0 | 592.5 | 1.5 | 0.016 | | | | |
| CAOND119519 | 592.5 | 594.0 | 1.5 | 0.015 | | | | |
| CAOND119521 | 594.0 | 595.5 | 1.5 | 0.015 | | | | |
| CAOND119522 | 595.5 | 597.0 | 1.5 | 0.088 | | | | |
| CAOND119523 | 597.0 | 598.5 | 1.5 | 0.035 | | | | |
| CAOND119524 | 598.5 | 600.0 | 1.5 | 0.040 | | | | |
| CAOND119526 | 600.0 | 601.5 | 1.5 | 0.083 | | | | |
| CAOND119527 | 601.5 | 603.0 | 1.5 | 0.070 | | | | |
| CAOND119528 | 603.0 | 604.5 | 1.5 | 0.180 | | | | |
| CAOND119529 | 604.5 | 605.5 | 1.0 | 0.089 | | | | |
| CAOND119531 | 605.5 | 606.6 | 1.1 | 0.115 | | | | |

**Major:** **From:** 42.20 **To:** 43.30 I4P, Kimberlite

Composition: Dark grey to brownish, strongly porous and brittle to touch, fine grained clay matrix with >50% angular <1-1cm clasts and fragments Magnetism: Weak to moderately magnetic. Veinning: No veinning. Structure: No structure besides strongly brecciated lower contact. Alteration: Strong weathering, matrix is composed of extremely grumbly clay. Mineralization: None. Lower Contact: Strongly brecciated over 10cm

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118568 | 42.2 | 43.3 | 1.1 | 0.008 | | | | |

## Hole number: KLUC18-521

**Geochemical sample**

| Sample | From | To | Ag gpt | Al2O3 Pct | Ba ppm | CaO Pct | Cu ppm | CO2 Pct | Cr ppm | Fe2O3 Pct | K2O Pct | LOI pct | MgO pct | MnO pct | Mo ppm | Na2O pct | Ni ppm | P2O5 pct |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Pb ppm | Rb ppm | SiO2 pct | Sr ppm | Tb ppm | Tm ppm | TiO2 pct | Tl ppm | Total pct | U ppm | V ppm | W ppm | Y ppm | Yb ppm | Zn ppm | Zr ppm |
| CAOND119026 | 53.5 | 53.7 | 0.3 | 12.85 | 473.00 | 3.87 | 31.00 | | 300.00 | 6.89 | 1.68 | 4.4 | 4.0 | 0.1 | 0.5 | 4.1 | 116.0 | 0.2 |
| | | | 2.0 | 31.1 | 59.5 | 262.0 | 0.50 | 0.24 | 0.6 | 5.00 | 98.2 | 0.9 | 143.0 | 1.0 | 15.2 | 1.7 | 91.0 | 108.0 |
| CAOND119027 | 134.2 | 134.3 | 0.3 | 13.50 | 647.00 | 3.49 | 49.00 | | 210.00 | 5.81 | 1.90 | 4.6 | 3.2 | 0.1 | 1.0 | 3.6 | 104.0 | 0.1 |
| | | | 3.0 | 63.7 | 61.8 | 301.0 | 0.44 | 0.22 | 0.6 | 5.00 | 98.7 | 1.0 | 119.0 | 1.0 | 13.5 | 1.4 | 87.0 | 98.0 |
| CAOND119028 | 199.7 | 199.9 | 0.3 | 12.45 | 3,400.00 | 8.48 | 196.00 | | 50.00 | 9.55 | 5.34 | 11.9 | 4.1 | 0.2 | 0.5 | 2.7 | 16.0 | 0.8 |
| | | | 12.0 | 221.0 | 42.9 | 1 990.0 | 2.11 | 0.41 | 1.0 | 5.00 | 99.8 | 3.5 | 274.0 | 9.0 | 40.6 | 2.5 | 81.0 | 448.0 |
| CAOND119031 | 204.0 | 204.2 | 0.3 | 12.75 | 5,730.00 | 7.63 | 216.00 | | 10.00 | 9.68 | 5.76 | 10.2 | 3.0 | 0.2 | 0.5 | 3.2 | 11.0 | 0.9 |
| | | | 15.0 | 180.0 | 44.0 | 1 695.0 | 2.38 | 0.40 | 1.0 | 5.00 | 99.0 | 5.3 | 282.0 | 13.0 | 43.0 | 2.5 | 74.0 | 495.0 |
| CAOND119032 | 216.0 | 216.2 | 0.3 | 10.95 | | 5.57 | 206.00 | | 50.00 | 12.15 | 6.83 | 8.3 | 4.3 | 0.3 | 0.5 | 0.6 | 21.0 | 1.4 |
| | | | 30.0 | 344.0 | 43.1 | 4 070.0 | 4.93 | 1.17 | 2.0 | 5.00 | 98.5 | 28.0 | 420.0 | 18.0 | 118.0 | 7.4 | 156.0 | 1 060.0 |
| CAOND119029 | 223.2 | 223.4 | 23.6 | 10.10 | | 5.72 | 77.00 | | 20.00 | 13.80 | 8.37 | 10.7 | 2.4 | 0.3 | 0.5 | 0.1 | 14.0 | 1.0 |
| | | | 52.0 | 208.0 | 40.2 | 2 450.0 | 5.27 | 1.37 | 2.2 | 5.00 | 97.4 | 33.1 | 134.0 | 69.0 | 128.0 | 7.9 | 35.0 | 1 370.0 |
| CAOND119033 | 239.1 | 239.3 | 0.5 | 8.94 | | 4.91 | 228.00 | | 20.00 | 12.55 | 6.10 | 9.0 | 2.4 | 0.3 | 0.5 | 0.1 | 10.0 | 1.4 |
| | | | 69.0 | 213.0 | 49.7 | 2 190.0 | 5.32 | 1.32 | 2.2 | 5.00 | 99.7 | 26.8 | 343.0 | 27.0 | 120.0 | 7.4 | 165.0 | 1 260.0 |
| CAOND119030 | 252.8 | 253.0 | 0.3 | 12.40 | 5,750.00 | 8.06 | 230.00 | | 20.00 | 8.82 | 7.06 | 11.2 | 3.1 | 0.2 | 0.5 | 2.0 | 9.0 | 0.8 |
| | | | 13.0 | 221.0 | 42.7 | 2 090.0 | 2.12 | 0.39 | 0.9 | 5.00 | 98.1 | 4.9 | 296.0 | 17.0 | 40.2 | 2.4 | 97.0 | 484.0 |
| CAOND119034 | 297.5 | 297.6 | 0.3 | 13.80 | 2,100.00 | 6.26 | 45.00 | | 180.00 | 5.87 | 4.08 | 10.4 | 3.6 | 0.1 | 0.5 | 4.8 | 44.0 | 0.3 |
| | | | 18.0 | 131.0 | 50.3 | 1 290.0 | 0.73 | 0.25 | 0.5 | 5.00 | 100.6 | 2.5 | 125.0 | 3.0 | 18.7 | 1.8 | 60.0 | 150.0 |
| CAOND119035 | 317.6 | 317.8 | 0.8 | 19.30 | 4,480.00 | 2.03 | 46.00 | | 10.00 | 6.40 | 12.15 | 4.9 | 1.5 | 0.1 | 0.5 | 0.1 | 7.0 | 0.3 |
| | | | 24.0 | 467.0 | 51.3 | 803.0 | 1.69 | 0.45 | 0.8 | 5.00 | 99.6 | 3.7 | 351.0 | 37.0 | 40.7 | 2.7 | 117.0 | 369.0 |
| CAOND119036 | 334.4 | 334.6 | 0.3 | 12.75 | 2,080.00 | 7.58 | 91.00 | | 110.00 | 8.08 | 9.55 | 12.6 | 4.2 | 0.2 | 1.0 | 0.2 | 26.0 | 0.3 |
| | | | 42.0 | 328.0 | 43.0 | 1 560.0 | 0.68 | 0.28 | 0.7 | 5.00 | 99.5 | 3.3 | 219.0 | 6.0 | 18.7 | 1.8 | 93.0 | 104.0 |
| CAOND119037 | 351.0 | 351.2 | 1.5 | 9.09 | | 5.54 | 259.00 | | 20.00 | 12.80 | 6.78 | 10.4 | 2.9 | 0.4 | 0.5 | 0.1 | 12.0 | 1.4 |
| | | | 49.0 | 226.0 | 43.7 | 3 070.0 | 5.62 | 1.39 | 2.1 | 5.00 | 97.5 | 33.8 | 403.0 | 47.0 | 135.0 | 8.2 | 125.0 | 1 390.0 |
| CAOND119038 | 379.3 | 379.5 | 0.3 | 12.85 | 5,960.00 | 6.44 | 21.00 | | 100.00 | 11.60 | 8.21 | 9.5 | 4.1 | 0.3 | 20.0 | 0.3 | 34.0 | 1.0 |
| | | | 44.0 | 312.0 | 42.3 | 2 180.0 | 2.76 | 0.56 | 1.4 | 5.00 | 98.8 | 25.1 | 430.0 | 13.0 | 54.9 | 3.6 | 105.0 | 685.0 |

**Hole number:** KLUC18-521

| Sample | From | To | Ag gpt | Al2O3 Pct | Ba ppm | CaO Pct | Cu ppm | CO2 Pct | Cr ppm | Fe2O3 Pct | K2O Pct | LOI pct | MgO pct | MnO pct | Mo ppm | Na2O pct | Ni ppm | P2O5 pct |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Pb ppm | Rb ppm | SiO2 pct | Sr ppm | Tb ppm | Tm ppm | TiO2 pct | Tl ppm | Total pct | U ppm | V ppm | W ppm | Y ppm | Yb ppm | Zn ppm | Zr ppm |
| CAOND119039 | 420.5 | 420.7 | 0.3 | 15.35 | 2,020.00 | 4.76 | 74.00 | | 40.00 | 5.73 | 5.55 | 6.3 | 2.0 | 0.2 | 0.5 | 4.9 | 13.0 | 0.3 |
| | | | 25.0 | 174.0 | 52.1 | 1 425.0 | 0.90 | 0.31 | 0.5 | 5.00 | 98.1 | 6.5 | 138.0 | 4.0 | 22.8 | 2.0 | 64.0 | 201.0 |
| CAOND119040 | 497.0 | 497.2 | 0.3 | 12.40 | | 6.61 | 205.00 | | 110.00 | 9.88 | 8.61 | 7.8 | 5.1 | 0.3 | 0.5 | 0.9 | 29.0 | 0.7 |
| | | | 80.0 | 330.0 | 43.0 | 2 610.0 | 2.74 | 0.48 | 1.3 | 10.00 | 98.0 | 9.0 | 301.0 | 7.0 | 52.3 | 3.3 | 227.0 | 549.0 |
| CAOND119041 | 518.0 | 518.2 | 0.7 | 16.40 | 6,390.00 | 2.54 | 43.00 | | 10.00 | 4.18 | 12.65 | 3.9 | 1.0 | 0.2 | 49.0 | 1.1 | 5.0 | 0.3 |
| | | | 36.0 | 338.0 | 56.6 | 930.0 | 1.17 | 0.27 | 0.5 | 10.00 | 100.0 | 5.6 | 43.0 | 10.0 | 28.1 | 1.7 | 44.0 | 319.0 |
| CAOND119042 | 519.8 | 520.0 | 0.3 | 19.10 | 4,570.00 | 2.67 | 45.00 | | 5.00 | 5.37 | 10.00 | 5.6 | 1.4 | 0.2 | 1.0 | 1.9 | 7.0 | 0.4 |
| | | | 26.0 | 380.0 | 52.1 | 995.0 | 1.61 | 0.35 | 0.6 | 5.00 | 100.0 | 4.8 | 247.0 | 9.0 | 35.6 | 2.0 | 70.0 | 221.0 |
| CAOND119043 | 553.5 | 553.7 | 0.5 | 17.70 | 6,590.00 | 3.56 | 91.00 | | 5.00 | 5.16 | 11.60 | 5.0 | 1.1 | 0.2 | 0.5 | 0.9 | 4.0 | 0.3 |
| | | | 44.0 | 412.0 | 52.9 | 1 885.0 | 1.65 | 0.43 | 0.6 | 10.00 | 99.8 | 4.6 | 186.0 | 6.0 | 34.7 | 2.1 | 119.0 | 430.0 |
| CAOND119044 | 583.0 | 583.2 | 0.3 | 19.65 | 5,500.00 | 3.11 | 149.00 | | 10.00 | 5.46 | 8.63 | 4.8 | 0.9 | 0.2 | 0.5 | 2.7 | 6.0 | 0.2 |
| | | | 33.0 | 434.0 | 52.7 | 1 495.0 | 1.95 | 0.46 | 0.7 | 5.00 | 99.7 | 5.8 | 224.0 | 3.0 | 42.1 | 2.8 | 88.0 | 360.0 |
| CAOND119045 | 606.9 | 607.0 | 0.5 | 10.95 | 2,240.00 | 12.40 | 123.00 | | 600.00 | 8.46 | 4.37 | 15.4 | 6.9 | 0.4 | 1.0 | 0.1 | 94.0 | 0.6 |
| | | | 8.0 | 189.5 | 35.0 | 2 840.0 | 0.97 | 0.27 | 0.7 | 5.00 | 95.9 | 2.9 | 219.0 | 11.0 | 23.3 | 1.9 | 123.0 | 170.0 |
| CAOND119046 | 619.9 | 620.0 | 0.3 | 16.90 | 3,840.00 | 1.39 | 182.00 | | 110.00 | 9.89 | 5.81 | 4.0 | 2.2 | 0.1 | 7.0 | 0.4 | 33.0 | 0.6 |
| | | | 9.0 | 247.0 | 55.8 | 583.0 | 1.24 | 0.34 | 0.9 | 5.00 | 98.5 | 4.3 | 242.0 | 8.0 | 29.7 | 2.3 | 108.0 | 267.0 |
| CAOND119047 | 666.3 | 666.4 | 0.3 | 16.05 | 2,470.00 | 3.07 | 7.00 | | 50.00 | 5.76 | 3.02 | 5.1 | 1.6 | 0.2 | 1.0 | 4.9 | 12.0 | 0.3 |
| | | | 2.0 | 117.0 | 59.2 | 1 115.0 | 0.62 | 0.25 | 0.5 | 5.00 | 100.0 | 3.0 | 131.0 | 2.0 | 18.3 | 1.7 | 46.0 | 166.0 |
| CAOND119048 | 703.0 | 703.2 | 0.5 | 13.65 | 1,835.00 | 3.94 | 29.00 | | 50.00 | 6.85 | 4.25 | 9.2 | 2.5 | 0.2 | 1.0 | 0.6 | 12.0 | 0.4 |
| | | | 9.0 | 131.5 | 57.0 | 594.0 | 0.77 | 0.26 | 0.6 | 5.00 | 99.3 | 2.5 | 161.0 | 4.0 | 20.1 | 2.0 | 31.0 | 141.0 |
| CAOND119049 | 732.0 | 732.2 | 0.3 | 15.40 | 1,175.00 | 1.00 | 63.00 | | 80.00 | 8.44 | 4.23 | 3.9 | 1.9 | 0.1 | 2.0 | 0.1 | 20.0 | 0.4 |
| | | | 14.0 | 139.0 | 62.9 | 121.0 | 0.72 | 0.29 | 0.7 | 5.00 | 99.2 | 2.6 | 191.0 | 4.0 | 19.8 | 1.9 | 129.0 | 151.0 |
| CAOND119050 | 749.4 | 749.5 | 0.3 | 13.50 | 2,220.00 | 7.09 | 63.00 | | 90.00 | 7.13 | 3.22 | 11.1 | 3.5 | 0.2 | 1.0 | 2.8 | 18.0 | 0.3 |
| | | | 9.0 | 114.5 | 49.6 | 877.0 | 0.61 | 0.26 | 0.6 | 10.00 | 99.4 | 2.2 | 176.0 | 3.0 | 17.8 | 1.6 | 66.0 | 126.0 |
| CAOND119051 | 782.0 | 782.2 | 0.3 | 17.30 | 2,410.00 | 1.34 | 25.00 | | 120.00 | 9.08 | 4.86 | 4.7 | 3.8 | 0.1 | 0.5 | 0.6 | 31.0 | 0.6 |
| | | | 1.0 | 175.5 | 55.8 | 489.0 | 1.03 | 0.41 | 0.8 | 5.00 | 99.2 | 2.9 | 230.0 | 6.0 | 27.6 | 2.6 | 123.0 | 176.0 |
| CAOND119052 | 785.7 | 785.8 | 0.3 | 13.75 | 1,405.00 | 5.98 | 60.00 | | 110.00 | 8.88 | 2.51 | 10.5 | 4.8 | 0.2 | 1.0 | 2.9 | 32.0 | 0.5 |
| | | | 4.0 | 93.9 | 48.2 | 2 130.0 | 0.83 | 0.32 | 0.6 | 5.00 | 99.2 | 2.2 | 192.0 | 2.0 | 22.5 | 1.8 | 110.0 | 134.0 |

**Hole number:** KLUC18-521

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 42.0 | 45.0 | 22.00 | 100.00 | | | N | |
| 45.0 | 48.0 | 68.00 | 100.00 | | | N | |
| 48.0 | 51.0 | 73.00 | 100.00 | | | N | |
| 51.0 | 54.0 | 87.00 | 100.00 | | | N | |
| 54.0 | 57.0 | 93.00 | 100.00 | | | N | |
| 57.0 | 60.0 | 98.00 | 100.00 | | | N | |
| 60.0 | 63.0 | 95.00 | 100.00 | | | N | |
| 63.0 | 66.0 | 100.00 | 100.00 | | | N | |
| 66.0 | 69.0 | 100.00 | 100.00 | | | N | |
| 69.0 | 72.0 | 100.00 | 100.00 | | | N | |
| 72.0 | 75.0 | 100.00 | 100.00 | | | N | |
| 75.0 | 78.0 | 83.00 | 100.00 | | | N | |
| 78.0 | 81.0 | 92.00 | 100.00 | | | N | |
| 81.0 | 84.0 | 73.00 | 100.00 | | | N | |
| 84.0 | 87.0 | 77.00 | 100.00 | | | N | |
| 87.0 | 90.0 | 100.00 | 100.00 | | | N | |
| 90.0 | 93.0 | 97.00 | 100.00 | | | N | |
| 93.0 | 96.0 | 100.00 | 100.00 | | | N | |
| 96.0 | 99.0 | 93.00 | 100.00 | | | N | |
| 99.0 | 102.0 | 88.00 | 100.00 | | | N | |
| 102.0 | 105.0 | 93.00 | 100.00 | | | N | |
| 105.0 | 108.0 | 73.00 | 100.00 | | | N | |
| 108.0 | 111.0 | 83.00 | 100.00 | | | N | |
| 111.0 | 114.0 | 100.00 | 100.00 | | | N | |
| 114.0 | 117.0 | 100.00 | 100.00 | | | N | |
| 117.0 | 120.0 | 100.00 | 100.00 | | | N | |
| 120.0 | 123.0 | 97.00 | 100.00 | | | N | |
| 123.0 | 126.0 | 97.00 | 100.00 | | | N | |

**Hole number:** KLUC18-521

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 126.0 | 129.0 | 90.00 | 100.00 | | | N | |
| 129.0 | 132.0 | 98.00 | 100.00 | | | N | |
| 132.0 | 135.0 | 98.00 | 100.00 | | | N | |
| 135.0 | 138.0 | 100.00 | 100.00 | | | N | |
| 138.0 | 141.0 | 100.00 | 100.00 | | | N | |
| 141.0 | 144.0 | 93.00 | 100.00 | | | N | |
| 144.0 | 147.0 | 63.00 | 100.00 | | | N | |
| 147.0 | 150.0 | 63.00 | 100.00 | | | N | |
| 150.0 | 153.0 | 90.00 | 100.00 | | | N | |
| 153.0 | 156.0 | 58.00 | 100.00 | | | N | |
| 156.0 | 159.0 | 80.00 | 100.00 | | | N | |
| 159.0 | 162.0 | 87.00 | 100.00 | | | N | |
| 162.0 | 165.0 | 93.00 | 100.00 | | | N | |
| 165.0 | 168.0 | 55.00 | 100.00 | | | N | |
| 168.0 | 171.0 | 23.00 | 100.00 | | | N | |
| 171.0 | 174.0 | 57.00 | 100.00 | | | N | |
| 174.0 | 177.0 | 83.00 | 100.00 | | | N | |
| 177.0 | 180.0 | 65.00 | 100.00 | | | N | |
| 180.0 | 183.0 | 68.00 | 100.00 | | | N | |
| 183.0 | 186.0 | 90.00 | 100.00 | | | N | |
| 186.0 | 189.0 | 60.00 | 100.00 | | | N | |
| 189.0 | 192.0 | 78.00 | 100.00 | | | N | |
| 192.0 | 195.0 | 80.00 | 100.00 | | | N | |
| 195.0 | 198.0 | 82.00 | 100.00 | | | N | |
| 198.0 | 201.0 | 83.00 | 100.00 | | | N | |
| 201.0 | 204.0 | 65.00 | 100.00 | | | N | |
| 204.0 | 207.0 | 70.00 | 100.00 | | | N | |
| 207.0 | 210.0 | 80.00 | 100.00 | | | N | |

**Hole number:** KLUC18-521

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 210.0 | 213.0 | 100.00 | 100.00 | | | N | |
| 213.0 | 216.0 | 100.00 | 100.00 | | | N | |
| 216.0 | 219.0 | 98.00 | 100.00 | | | N | |
| 219.0 | 222.0 | 90.00 | 100.00 | | | N | |
| 222.0 | 225.0 | 90.00 | 100.00 | | | N | |
| 225.0 | 228.0 | 97.00 | 100.00 | | | N | |
| 228.0 | 231.0 | 100.00 | 100.00 | | | N | |
| 231.0 | 234.0 | 97.00 | 100.00 | | | N | |
| 234.0 | 237.0 | 75.00 | 100.00 | | | N | |
| 237.0 | 240.0 | 97.00 | 100.00 | | | N | |
| 240.0 | 243.0 | 100.00 | 100.00 | | | N | |
| 243.0 | 246.0 | 100.00 | 100.00 | | | N | |
| 246.0 | 249.0 | 100.00 | 100.00 | | | N | |
| 249.0 | 252.0 | 97.00 | 100.00 | | | N | |
| 252.0 | 255.0 | 82.00 | 100.00 | | | N | |
| 255.0 | 258.0 | 98.00 | 100.00 | | | N | |
| 258.0 | 261.0 | 100.00 | 100.00 | | | N | |
| 261.0 | 264.0 | 95.00 | 100.00 | | | N | |
| 264.0 | 267.0 | 93.00 | 100.00 | | | N | |
| 267.0 | 270.0 | 98.00 | 100.00 | | | N | |
| 270.0 | 273.0 | 92.00 | 100.00 | | | N | |
| 273.0 | 276.0 | 87.00 | 100.00 | | | N | |
| 276.0 | 279.0 | 100.00 | 100.00 | | | N | |
| 279.0 | 282.0 | 100.00 | 100.00 | | | N | |
| 282.0 | 285.0 | 97.00 | 100.00 | | | N | |
| 285.0 | 288.0 | 95.00 | 100.00 | | | N | |
| 288.0 | 291.0 | 98.00 | 100.00 | | | N | |
| 291.0 | 294.0 | 93.00 | 100.00 | | | N | |

**Hole number:** KLUC18-521

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 294.0 | 297.0 | 100.00 | 100.00 | | | N | |
| 297.0 | 300.0 | 90.00 | 100.00 | | | N | |
| 300.0 | 303.0 | 92.00 | 100.00 | | | N | |
| 303.0 | 306.0 | 87.00 | 100.00 | | | N | |
| 306.0 | 309.0 | 100.00 | 100.00 | | | N | |
| 309.0 | 312.0 | 98.00 | 100.00 | | | N | |
| 312.0 | 315.0 | 83.00 | 100.00 | | | N | |
| 315.0 | 318.0 | 72.00 | 100.00 | | | N | |
| 318.0 | 321.0 | 82.00 | 100.00 | | | N | |
| 321.0 | 324.0 | 85.00 | 100.00 | | | N | |
| 324.0 | 327.0 | 95.00 | 100.00 | | | N | |
| 327.0 | 330.0 | 100.00 | 100.00 | | | N | |
| 330.0 | 333.0 | 98.00 | 100.00 | | | N | |
| 333.0 | 336.0 | 98.00 | 100.00 | | | N | |
| 336.0 | 339.0 | 97.00 | 100.00 | | | N | |
| 339.0 | 342.0 | 100.00 | 100.00 | | | N | |
| 342.0 | 345.0 | 97.00 | 100.00 | | | N | |
| 345.0 | 348.0 | 100.00 | 100.00 | | | N | |
| 348.0 | 351.0 | 100.00 | 100.00 | | | N | |
| 351.0 | 354.0 | 100.00 | 100.00 | | | N | |
| 354.0 | 357.0 | 100.00 | 100.00 | | | N | |
| 357.0 | 360.0 | 77.00 | 100.00 | | | N | |
| 360.0 | 363.0 | 83.00 | 100.00 | | | N | |
| 363.0 | 366.0 | 97.00 | 100.00 | | | N | |
| 366.0 | 369.0 | 78.00 | 100.00 | | | N | |
| 369.0 | 372.0 | 93.00 | 100.00 | | | N | |
| 372.0 | 375.0 | 100.00 | 100.00 | | | N | |
| 375.0 | 378.0 | 98.00 | 100.00 | | | N | |

**Hole number:** KLUC18-521

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 378.0 | 381.0 | 72.00 | 100.00 | | | N | |
| 381.0 | 384.0 | 77.00 | 100.00 | | | N | |
| 384.0 | 387.0 | 80.00 | 100.00 | | | N | |
| 387.0 | 390.0 | 77.00 | 100.00 | | | N | |
| 390.0 | 393.0 | 82.00 | 100.00 | | | N | |
| 393.0 | 396.0 | 95.00 | 100.00 | | | N | |
| 396.0 | 399.0 | 97.00 | 100.00 | | | N | |
| 399.0 | 402.0 | 95.00 | 100.00 | | | N | |
| 402.0 | 405.0 | 77.00 | 100.00 | | | N | |
| 405.0 | 408.0 | 70.00 | 100.00 | | | N | |
| 408.0 | 411.0 | 82.00 | 100.00 | | | N | |
| 411.0 | 414.0 | 100.00 | 100.00 | | | N | |
| 414.0 | 417.0 | 97.00 | 100.00 | | | N | |
| 417.0 | 420.0 | 98.00 | 100.00 | | | N | |
| 420.0 | 423.0 | 98.00 | 100.00 | | | N | |
| 423.0 | 426.0 | 100.00 | 100.00 | | | N | |
| 426.0 | 429.0 | 97.00 | 100.00 | | | N | |
| 429.0 | 432.0 | 70.00 | 100.00 | | | N | |
| 432.0 | 435.0 | 98.00 | 100.00 | | | N | |
| 435.0 | 438.0 | 100.00 | 100.00 | | | N | |
| 438.0 | 441.0 | 95.00 | 100.00 | | | N | |
| 441.0 | 444.0 | 83.00 | 100.00 | | | N | |
| 444.0 | 447.0 | 90.00 | 100.00 | | | N | |
| 447.0 | 450.0 | 98.00 | 100.00 | | | N | |
| 450.0 | 453.0 | 100.00 | 100.00 | | | N | |
| 453.0 | 456.0 | 100.00 | 100.00 | | | N | |
| 456.0 | 459.0 | 100.00 | 100.00 | | | N | |
| 459.0 | 462.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC18-521

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 462.0 | 465.0 | 97.00 | 100.00 | | | N | |
| 465.0 | 468.0 | 95.00 | 100.00 | | | N | |
| 468.0 | 471.0 | 100.00 | 100.00 | | | N | |
| 471.0 | 474.0 | 95.00 | 100.00 | | | N | |
| 474.0 | 477.0 | 97.00 | 100.00 | | | N | |
| 477.0 | 480.0 | 98.00 | 100.00 | | | N | |
| 480.0 | 483.0 | 98.00 | 100.00 | | | N | |
| 483.0 | 486.0 | 100.00 | 100.00 | | | N | |
| 486.0 | 489.0 | 85.00 | 100.00 | | | N | |
| 489.0 | 492.0 | 100.00 | 100.00 | | | N | |
| 492.0 | 495.0 | 97.00 | 100.00 | | | N | |
| 495.0 | 498.0 | 90.00 | 100.00 | | | N | |
| 498.0 | 501.0 | 95.00 | 100.00 | | | N | |
| 501.0 | 504.0 | 100.00 | 100.00 | | | N | |
| 504.0 | 507.0 | 72.00 | 100.00 | | | N | |
| 507.0 | 510.0 | 97.00 | 100.00 | | | N | |
| 510.0 | 513.0 | 97.00 | 100.00 | | | N | |
| 513.0 | 516.0 | 98.00 | 100.00 | | | N | |
| 516.0 | 519.0 | 100.00 | 100.00 | | | N | |
| 519.0 | 522.0 | 100.00 | 100.00 | | | N | |
| 522.0 | 525.0 | 73.00 | 100.00 | | | N | |
| 525.0 | 528.0 | 82.00 | 100.00 | | | N | |
| 528.0 | 531.0 | 87.00 | 100.00 | | | N | |
| 531.0 | 534.0 | 83.00 | 100.00 | | | N | |
| 534.0 | 537.0 | 98.00 | 100.00 | | | N | |
| 537.0 | 540.0 | 98.00 | 100.00 | | | N | |
| 540.0 | 543.0 | 100.00 | 100.00 | | | N | |
| 543.0 | 546.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC18-521

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 546.0 | 549.0 | 100.00 | 100.00 | | | N | |
| 549.0 | 552.0 | 100.00 | 100.00 | | | N | |
| 552.0 | 555.0 | 100.00 | 100.00 | | | N | |
| 555.0 | 558.0 | 100.00 | 100.00 | | | N | |
| 558.0 | 561.0 | 100.00 | 100.00 | | | N | |
| 561.0 | 564.0 | 100.00 | 100.00 | | | N | |
| 564.0 | 567.0 | 100.00 | 100.00 | | | N | |
| 567.0 | 570.0 | 100.00 | 100.00 | | | N | |
| 570.0 | 573.0 | 100.00 | 100.00 | | | N | |
| 573.0 | 576.0 | 100.00 | 100.00 | | | N | |
| 576.0 | 579.0 | 100.00 | 100.00 | | | N | |
| 579.0 | 582.0 | 100.00 | 100.00 | | | N | |
| 582.0 | 585.0 | 100.00 | 100.00 | | | N | |
| 585.0 | 588.0 | 100.00 | 100.00 | | | N | |
| 588.0 | 591.0 | 100.00 | 100.00 | | | N | |
| 591.0 | 594.0 | 100.00 | 100.00 | | | N | |
| 594.0 | 597.0 | 100.00 | 100.00 | | | N | |
| 597.0 | 600.0 | 100.00 | 100.00 | | | N | |
| 600.0 | 603.0 | 100.00 | 100.00 | | | N | |
| 603.0 | 606.0 | 100.00 | 100.00 | | | N | |
| 606.0 | 609.0 | 93.00 | 100.00 | | | N | |
| 609.0 | 612.0 | 90.00 | 100.00 | | | N | |
| 612.0 | 615.0 | 93.00 | 100.00 | | | N | |
| 615.0 | 618.0 | 100.00 | 100.00 | | | N | |
| 618.0 | 621.0 | 100.00 | 100.00 | | | N | |
| 621.0 | 624.0 | 100.00 | 100.00 | | | N | |
| 624.0 | 627.0 | 85.00 | 100.00 | | | N | |
| 627.0 | 630.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC18-521

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 630.0 | 633.0 | 100.00 | 100.00 | | | N | |
| 633.0 | 636.0 | 100.00 | 100.00 | | | N | |
| 636.0 | 639.0 | 100.00 | 100.00 | | | N | |
| 639.0 | 642.0 | 100.00 | 100.00 | | | N | |
| 642.0 | 645.0 | 100.00 | 100.00 | | | N | |
| 645.0 | 648.0 | 100.00 | 100.00 | | | N | |
| 648.0 | 651.0 | 75.00 | 100.00 | | | N | |
| 651.0 | 654.0 | 97.00 | 100.00 | | | N | |
| 654.0 | 657.0 | 100.00 | 100.00 | | | N | |
| 657.0 | 660.0 | 100.00 | 100.00 | | | N | |
| 660.0 | 663.0 | 100.00 | 100.00 | | | N | |
| 663.0 | 666.0 | 100.00 | 100.00 | | | N | |
| 666.0 | 669.0 | 98.00 | 100.00 | | | N | |
| 669.0 | 672.0 | 97.00 | 100.00 | | | N | |
| 672.0 | 675.0 | 90.00 | 100.00 | | | N | |
| 675.0 | 678.0 | 45.00 | 100.00 | | | N | |
| 678.0 | 681.0 | 100.00 | 100.00 | | | N | |
| 681.0 | 684.0 | 100.00 | 100.00 | | | N | |
| 684.0 | 687.0 | 95.00 | 100.00 | | | N | |
| 687.0 | 690.0 | 90.00 | 100.00 | | | N | |
| 690.0 | 693.0 | 82.00 | 100.00 | | | N | |
| 693.0 | 696.0 | 100.00 | 100.00 | | | N | |
| 696.0 | 699.0 | 93.00 | 100.00 | | | N | |
| 699.0 | 702.0 | 97.00 | 100.00 | | | N | |
| 702.0 | 705.0 | 93.00 | 100.00 | | | N | |
| 705.0 | 708.0 | 83.00 | 100.00 | | | N | |
| 708.0 | 711.0 | 90.00 | 100.00 | | | N | |
| 711.0 | 714.0 | 17.00 | 100.00 | | | N | |

**Hole number:** KLUC18-521

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 714.0 | 717.0 | 100.00 | 100.00 | | | N | |
| 717.0 | 720.0 | 95.00 | 100.00 | | | N | |
| 720.0 | 723.0 | 98.00 | 100.00 | | | N | |
| 723.0 | 726.0 | 87.00 | 100.00 | | | N | |
| 726.0 | 729.0 | 70.00 | 100.00 | | | N | |
| 729.0 | 732.0 | 98.00 | 100.00 | | | N | |
| 732.0 | 735.0 | 100.00 | 100.00 | | | N | |
| 735.0 | 738.0 | 98.00 | 100.00 | | | N | |
| 738.0 | 741.0 | 100.00 | 100.00 | | | N | |
| 741.0 | 744.0 | 100.00 | 100.00 | | | N | |
| 744.0 | 747.0 | 100.00 | 100.00 | | | N | |
| 747.0 | 750.0 | 100.00 | 100.00 | | | N | |
| 750.0 | 753.0 | 100.00 | 100.00 | | | N | |
| 753.0 | 756.0 | 100.00 | 100.00 | | | N | |
| 756.0 | 759.0 | 100.00 | 100.00 | | | N | |
| 759.0 | 762.0 | 100.00 | 100.00 | | | N | |
| 762.0 | 765.0 | 100.00 | 100.00 | | | N | |
| 765.0 | 768.0 | 100.00 | 100.00 | | | N | |
| 768.0 | 771.0 | 100.00 | 100.00 | | | N | |
| 771.0 | 774.0 | 100.00 | 100.00 | | | N | |
| 774.0 | 777.0 | 100.00 | 100.00 | | | N | |
| 777.0 | 780.0 | 100.00 | 100.00 | | | N | |
| 780.0 | 783.0 | 98.00 | 100.00 | | | N | |
| 783.0 | 786.0 | 97.00 | 100.00 | | | N | |
| 786.0 | 789.0 | 100.00 | 100.00 | | | N | |
| 789.0 | 792.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC18-521

AGNICO EAGLE

# DRILL HOLE REPORT

## EXPLORATION CANADA ONTARIO

**Hole number:** KLUC18-522 **Project Number:** U_Canada **Project name:** Upper Canada

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Historic hole number:** | | **Collar survey:** | Y | **From:** | 0.0 | **Coordinates:** | P |
| **System:** | METRIC | **Verified:** | Y | **To:** | 492.0 | **Grid:** | UTM83-17_CSRS-2010: |
| **Target:** | U_CANADA | **Gas:** | N | **Depth:** | 492.0 | **North:** | 5,332,301.63 |
| **No. Claim:** | PAT-18812 | **Multishot survey:** | N | **Location:** | Surface | **East:** | 584,999.72 |
| **Year:** | 2 018 | **Is making water:** | N | **Core storage:** | Mine Site | **Elevation:** | 345.99 |
| **Date started:** | 12/4/2018 | **Object in hole:** | N | **Contractor:** | Major Diamond Drilling | **Collar dip:** | -47.87 |
| **Date logged:** | 2018-12-10 | **Pulse EM survey:** | N | **Logged by:** | Monica Oosterman | **Collar azimuth:** | 165.98 |
| **Date completed:** | 1/10/2019 | **Plugged:** | N | | | | |
| **Core size:** | NQ | **Cemented:** | N | **Signature:** | | | |
| **Hole type:** | EXP | **Branch:** | N | | | | |
| **Casing:** | Left in Hole, capped | **Reserve:** | | | | | |
| **Logging status:** | Signed | | | | | | |
| **Rig number:** | 1495 | | | | | | |

**Additional sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Planned hole UCP18-086 (pit 6)
Designed to test large MSO K block as well as southern block.
Blocking error noticed when hole was logged. timesheets say hole ended at 495m but actually ended at 492. NOticed when hole was logged.

**Assay average**

| Average type | From | To | Length | Width | Zone | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Pb_ppm | Ni_ppm | As_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WEIGHTED | 119.1 | 120.4 | 1.3 | | | 1.880 | | | | | | |
| WEIGHTED | 339.5 | 341.0 | 1.5 | | | 2.120 | | | | | | |

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 165.98 | -47.87 | S | O | |
| 84.0 | 168.50 | -47.70 | EZ | O | 54717 |
| 234.0 | 169.40 | -45.20 | EZ | O | 54229 |
| 324.0 | 171.00 | -44.50 | EZ | O | 54896 |
| 384.0 | 172.20 | -43.40 | EZ | O | 54952 |
| 474.0 | 174.70 | -43.00 | EZ | O | 54756 |
| 54.0 | 169.10 | -48.30 | EZ | O | 54963 |
| 114.0 | 170.50 | -47.40 | EZ | O | 54716 |
| 294.0 | 170.00 | -44.70 | EZ | O | 54530 |
| 354.0 | 172.50 | -44.00 | EZ | O | 54906 |
| 444.0 | 174.00 | -43.40 | EZ | O | 54796 |
| 495.0 | 174.50 | -42.50 | EZ | N | 54424 (Blocking error end of hole was at 495 originally but when it was logged ended at 522) |

**Hole number:** KLUC18-522

| Certificate |
|---|
| TM18322526 |
| TM18322543 |
| TM18324988 |
| TM18325015 |
| TM19006885 |
| TM19010635 |
| TM19010646 |
| TM19012320 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505D18-022 | Excaon1 | CAOND116904 - CAOND117000<br>CAOND117077 - CAOND117239<br>CAOND117501 - CAOND117589<br>CAOND117591 - CAOND117600<br>CAOND117640 - CAOND117700<br>CAOND117726 - CAOND117729<br>CAOND117731 - CAOND117743<br>CAOND117751 - CAOND117816 |
| CXE5505D18-023 | Excaon1 | CAOND117240 - CAOND117277<br>CAOND117601 - CAOND117639<br>CAOND117701 - CAOND117725<br>CAOND117744 - CAOND117750<br>CAOND117817 - CAOND117886 |
| CXE5505D18-024 | Excaon1 | CAOND117278 - CAOND117377<br>CAOND117887 - CAOND117904 |
| CXE5505D18-025 | Excaon1 | CAOND117378 - CAOND117384<br>CAOND117386 - CAOND117500<br>CAOND117905 - CAOND118017<br>CAOND118064 - CAOND118153<br>CAOND118501 - CAOND118567 |
| CXE5505D18-026 | Excaon1 | CAOND118018 - CAOND118063<br>CAOND118154 - CAOND118234<br>CAOND118568 - CAOND118610 |
| CXE5505D18WRA-010 | Excaon2-WRA | CAOND116988<br>CAOND117157<br>CAOND117197<br>CAOND117567<br>CAOND117652<br>CAOND117802 |
| CXE5505D18WRA-013 | Excaon2-WRA | CAOND117872 |
| CXE5505D18WRA-017 | Excaon2-WRA | CAOND117385<br>CAOND117411<br>CAOND119001 - CAOND119004 |
| CXE5505D19-071 | Excaon1 | CAOND114322<br>CAOND114326<br>CAOND114329<br>CAOND114344<br>CAOND114351<br>CAOND114383<br>CAOND114423<br>CAOND114436 |

| Sample number | Standard |
|---|---|
| CAOND117645 | CDN-CM-28-AEM |
| CAOND117660 | CDN-CM-24-AEM |
| CAOND117670 | BLANK-DB |
| CAOND117675 | CDN-GS-5U-AEM |
| CAOND117690 | CDN-CM-28-AEM |
| CAOND117760 | CDN-CM-24-AEM |
| CAOND117770 | BLANK-DB |
| CAOND117775 | CDN-GS-5U-AEM |
| CAOND117790 | CDN-CM-28-AEM |
| CAOND117815 | CDN-CM-24-AEM |
| CAOND117820 | BLANK-DB |
| CAOND117830 | CDN-GS-5U-AEM |
| CAOND117845 | CDN-CM-28-AEM |
| CAOND117860 | CDN-CM-24-AEM |
| CAOND117870 | BLANK-DB |
| CAOND117875 | CDN-GS-5U-AEM |
| CAOND117890 | CDN-CM-28-AEM |
| CAOND117915 | CDN-CM-24-AEM |
| CAOND117920 | BLANK-DB |
| CAOND117930 | CDN-GS-5U-AEM |
| CAOND117945 | CDN-CM-28-AEM |
| CAOND117960 | CDN-CM-24-AEM |
| CAOND117970 | BLANK-DB |
| CAOND117975 | CDN-GS-5U-AEM |
| CAOND117990 | CDN-CM-28-AEM |
| CAOND118015 | CDN-CM-24-AEM |
| CAOND118020 | BLANK-DB |
| CAOND118030 | CDN-GS-5U-AEM |
| CAOND118045 | CDN-CM-28-AEM |
| CAOND118060 | CDN-CM-24-AEM |

**Hole number:** KLUC18-522

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND114443 |
| | | CAOND114446 |
| | | CAOND114454 |
| | | CAOND114458 |
| | | CAOND116718 |
| | | CAOND116726 |
| | | CAOND116858 |
| | | CAOND116861 |
| | | CAOND116872 |
| | | CAOND116903 |
| | | CAOND116918 |
| | | CAOND116944 |
| | | CAOND116952 |
| | | CAOND116957 |
| | | CAOND116977 |
| | | CAOND116988 |
| | | CAOND117059 |
| | | CAOND117063 |
| | | CAOND117069 - CAOND117070 |
| | | CAOND117091 |
| | | CAOND117117 |
| | | CAOND117121 |
| | | CAOND117134 |
| | | CAOND117146 |
| | | CAOND117169 |
| | | CAOND117177 |
| | | CAOND117193 |
| | | CAOND117197 |
| | | CAOND117232 |
| | | CAOND117251 |
| | | CAOND117276 |
| | | CAOND117285 |
| | | CAOND117287 |
| | | CAOND117307 |
| | | CAOND117317 |
| | | CAOND117348 |
| | | CAOND117352 - CAOND117354 |
| | | CAOND117367 |
| | | CAOND117376 |
| | | CAOND117408 |
| | | CAOND117410 |
| | | CAOND117431 |
| | | CAOND117467 |

**Hole number:** KLUC18-522

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND117489 |
| | | CAOND117492 - CAOND117493 |
| | | CAOND117501 |
| | | CAOND117563 - CAOND117564 |
| | | CAOND117591 |
| | | CAOND117596 |
| | | CAOND117619 |
| | | CAOND117622 |
| | | CAOND117631 - CAOND117632 |
| | | CAOND117670 |
| | | CAOND117678 - CAOND117679 |
| | | CAOND117681 |
| | | CAOND117691 |
| | | CAOND117696 |
| | | CAOND117732 - CAOND117733 |
| | | CAOND117761 |
| | | CAOND117778 |
| | | CAOND117788 |
| | | CAOND117803 |
| | | CAOND117817 |
| | | CAOND117863 |
| | | CAOND117871 |
| | | CAOND117936 |
| | | CAOND117981 |
| | | CAOND118114 |
| | | CAOND118135 |
| | | CAOND118143 |
| | | CAOND118145 |
| | | CAOND118236 |
| | | CAOND118251 |
| | | CAOND118287 |
| | | CAOND118301 |
| | | CAOND118316 |
| | | CAOND118319 |
| | | CAOND118346 |
| | | CAOND118351 |
| | | CAOND118381 |
| | | CAOND118395 |
| | | CAOND118410 |
| | | CAOND118436 |
| | | CAOND118463 |
| | | CAOND118479 |
| | | CAOND118481 |

**Hole number:** KLUC18-522

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND118539 |
| | | CAOND118556 |
| | | CAOND118618 |
| | | CAOND118631 |
| | | CAOND118664 |
| | | CAOND118684 |
| | | CAOND118686 |
| | | CAOND118688 |
| | | CAOND118707 |
| | | CAOND118720 |
| | | CAOND118754 |
| | | CAOND118793 |
| | | CAOND118829 |
| | | CAOND118835 |
| | | CAOND118851 |
| | | CAOND118859 |
| | | CAOND118862 |
| | | CAOND118897 |
| | | CAOND118933 |
| | | CAOND118941 |
| | | CAOND118947 |
| | | CAOND118954 |
| | | CAOND118966 |
| | | CAOND118981 |
| | | CAOND119502 |
| | | CAOND119526 |
| | | CAOND119551 |
| | | CAOND119564 |
| | | CAOND119569 |
| | | CAOND119571 |
| | | CAOND119573 |
| | | CAOND119583 |
| | | CAOND119585 |
| | | CAOND119591 |
| | | CAOND119621 |
| | | CAOND119645 |
| | | CAOND119677 |
| | | CAOND119771 |
| | | CAOND119802 |
| | | CAOND119809 |
| | | CAOND119817 |
| | | CAOND119841 |
| | | CAOND119846 |

**Hole number:** KLUC18-522

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND119873 |
| | | CAOND119913 |
| | | CAOND119918 |
| | | CAOND120032 - CAOND120033 |
| | | CAOND120048 |
| | | CAOND120081 |
| | | CAOND120085 |
| | | CAOND120118 |
| | | CAOND120170 |
| | | CAOND120183 |
| | | CAOND120361 |
| | | CAOND120371 |
| | | CAOND120381 |
| | | CAOND120399 |
| | | CAOND120422 |
| | | CAOND120481 |
| | | CAOND120512 |
| | | CAOND120566 - CAOND120567 |
| | | CAOND120569 |
| | | CAOND120581 |
| | | CAOND120618 |
| | | CAOND120632 |
| | | CAOND120637 |
| | | CAOND120643 |
| | | CAOND120658 |
| | | CAOND120685 |
| | | CAOND120687 |
| | | CAOND120692 |
| | | CAOND120701 |
| | | CAOND120712 |

*The sample list may content samples from other holes

**Major:** **From:** 0.00 **To:** 42.00 OVB, Overburden

Casing to 42m

**Major:** **From:** 42.00 **To:** 82.70 V8mtl, Trachyte mafic tuff lapilli

Weakly mineralized mafic lapilli tuff (and some tuffacous units) - black and light pink ribbony looking rock, non magnetic to strongly magnetic (depending on amount of sercite alteration). Dark black matrix thought with pinkish fragments stretched along strong foliation at 40 degrees. Weak calcite and moderate pervasive ankerite. unit alternates from light gray to darker gray thoguth to be degree of sercite alteration. Unit in general contians very fine grained pyrite in trace amounts. Whre there is increased sercite or areas proximal to veining sulphides may increase to 3%. Veining conists of carbonate and quartz are in general 1cm wide, they form along foliation or cutting foliation at high

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117640 | 42.0 | 43.0 | 1.0 | 0.033 | | | | |
| CAOND117641 | 43.0 | 44.0 | 1.0 | 0.031 | | | | |
| CAOND117642 | 44.0 | 45.0 | 1.0 | 0.044 | | | | |
| CAOND117643 | 45.0 | 46.5 | 1.5 | 0.017 | | | | |
| CAOND117644 | 46.5 | 48.0 | 1.5 | 0.015 | | | | |

**Hole number:** KLUC18-522

angles.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

42.00, 51.40, PYR, DIS, 1.00, -, VFG, dusting of pyrite associated with veins
63.30, 66.80, PYR, DIS, 1.00, -, VFG, dusting of pyrite, increased veinlets in area.
66.80, 67.70, PYR, DIS, 3.00, -, VFG, dusting of pyrite adjacent to quartz carbonate veins.
67.70, 70.10, PYR, DIS, 1.00, -, VFG, dusting of pyrite

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

42.00, 44.00, SER+, PEN, MOD, GRY_00025, FGR, -, light green whitish appearance to rock.
42.00, 82.00, HEM+, SEL, WEAK, PNK2_BASIC, VFG, -, alteration of fragments
42.00, 82.70, ANK+, PEN, WEAK, -, VFG, -, stains light blue
55.95, 56.25, SER+, PEN, STRONG, GRY_00025, VCG, -, light green whitish appearance to rock.
76.00, 77.30, HEM+, SEL, WEAK, PNK2_BASIC, VFG, -, light pink alteration of fragments with choritic matrix.
81.00, 81.55, HEM+, PEN, WEAK, PNK2_BASIC, VFG, -, light pink alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

42.00, 82.70, FOL, MOD, 50.00, -, -, -, Fabric defined by fragments
53.30, 53.50, BRR, -, -, -, -, -, -
71.30, 71.40, FAL, MOD, 50.00, -, -, -, rusted fault zone
76.40, 77.30, BRC, MOD, 40.00, -, -, -, autobreccia, clast supported

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

51.10, 51.40, QTZ_2, 20.00, 30.00, -, -, -, PNK2_BASIC, 3.00, WLA, PYR, 1.00, Vfg dusting of pyrite, wavy vein
53.75, 53.80, QTZ_2, 60.00, 15.00, -, -, -, GRY_00025, 1.00, MAS, -, -, -
64.15, 68.85, QTZ_2, 15.00, 60.00, -, -, -, PNK2_BASIC, 1.00, WLA, PYR, 3.00, vfg dusting of pryite. Array of veins which are subparallel in general are 1 cm but up to 15 cm

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117646 | 48.0 | 49.5 | 1.5 | 0.003 | | | | |
| CAOND117647 | 49.5 | 50.3 | 0.8 | 0.003 | | | | |
| CAOND117648 | 50.3 | 51.4 | 1.1 | 0.020 | | | | |
| CAOND117649 | 51.4 | 52.9 | 1.5 | 0.045 | | | | |
| CAOND117651 | 52.9 | 53.8 | 0.9 | 0.036 | | | | |
| CAOND117652 | 53.8 | 55.0 | 1.2 | 0.003 | 0.250 | 62 | 110 | |
| CAOND117653 | 55.0 | 56.3 | 1.3 | 0.032 | | | | |
| CAOND117654 | 56.3 | 57.0 | 0.8 | 0.023 | | | | |
| CAOND117655 | 57.0 | 58.5 | 1.5 | 0.010 | | | | |
| CAOND117656 | 58.5 | 60.0 | 1.5 | 0.003 | | | | |
| CAOND117657 | 60.0 | 61.5 | 1.5 | 0.003 | | | | |
| CAOND117658 | 61.5 | 63.0 | 1.5 | 0.003 | | | | |
| CAOND117659 | 63.0 | 64.5 | 1.5 | 0.032 | | | | |
| CAOND117661 | 64.5 | 66.0 | 1.5 | 0.071 | | | | |
| CAOND117662 | 66.0 | 66.8 | 0.8 | 0.092 | | | | |
| CAOND117663 | 66.8 | 67.7 | 0.9 | 0.303 | | | | |
| CAOND117664 | 67.7 | 69.0 | 1.3 | 0.222 | | | | |
| CAOND117665 | 69.0 | 70.1 | 1.1 | 0.377 | | | | |
| CAOND117666 | 70.1 | 71.3 | 1.2 | 0.053 | | | | |
| CAOND117667 | 71.3 | 73.0 | 1.7 | 0.027 | | | | |
| CAOND117668 | 73.0 | 74.5 | 1.5 | 0.015 | | | | |
| CAOND117669 | 74.5 | 76.0 | 1.5 | 0.007 | | | | |
| CAOND117671 | 76.0 | 77.3 | 1.3 | 0.027 | | | | |
| CAOND117672 | 77.3 | 78.5 | 1.2 | 0.188 | | | | |
| CAOND117673 | 78.5 | 80.0 | 1.5 | 0.031 | | | | |
| CAOND117674 | 80.0 | 81.5 | 1.5 | 0.037 | | | | |
| CAOND117676 | 81.5 | 82.7 | 1.2 | 0.026 | | | | |

**Major:** **From:** 82.70 **To:** 104.75 S3, GRAUWACKE

Massive gray non mineralized greywacke, non magentic, uniform in appearance, thinly laminated at 50 degrees with sporadic thin hairline veinlets of Calcite which always seem to xcut fabric of wacke at 80degrees and some at 30 degrees. Contacts are both at 50 degrees and sharp.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

91.40, 91.50, PYR, DIS, 30.00, -, VFG, patch of disseminated pyrite 1 cm wide which forms along

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117677 | 82.7 | 84.0 | 1.3 | 0.017 | | | | |
| CAOND117678 | 84.0 | 85.5 | 1.5 | 0.033 | | | | |
| CAOND117679 | 85.5 | 87.0 | 1.5 | 0.037 | | | | |
| CAOND117681 | 87.0 | 88.5 | 1.5 | 0.051 | | | | |
| CAOND117682 | 88.5 | 90.0 | 1.5 | 0.005 | | | | |

**Hole number:** KLUC18-522

foliation. Thougth to be a clast

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
82.70, 104.75, FOL, MOD, 50.00, -, -, -, Fabric defined by fragments
92.00, 92.25, GGE, STRONG, 90.00, -, -, -, -
92.70, 92.71, LWC, -, 50.00, -, -, -, sharp

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
88.45, 91.00, QTZ_2, 10.00, 30.00, -, -, -, PNK2_BASIC, .50, MAS, -, -, sharp veins which form at 30 and at

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117683 | 90.0 | 91.0 | 1.0 | 0.009 | | | | |
| CAOND117684 | 91.0 | 92.5 | 1.5 | 0.215 | | | | |
| CAOND117685 | 92.5 | 94.0 | 1.5 | 0.011 | | | | |
| CAOND117686 | 94.0 | 95.5 | 1.5 | 0.003 | | | | |
| CAOND117687 | 95.5 | 97.0 | 1.5 | 0.009 | | | | |
| CAOND117688 | 97.0 | 98.5 | 1.5 | 0.007 | | | | |
| CAOND117689 | 98.5 | 100.0 | 1.5 | 0.005 | | | | |
| CAOND117691 | 100.0 | 101.5 | 1.5 | 0.017 | | | | |
| CAOND117692 | 101.5 | 102.5 | 1.0 | 0.012 | | | | |
| CAOND117693 | 102.5 | 103.5 | 1.0 | 0.022 | | | | |
| CAOND117694 | 103.5 | 104.8 | 1.3 | 0.008 | | | | |

**Major:** **From:** 104.75 **To:** 119.10 S1, CONGLOMÉRAT

moderately foliated conglomerate - Polymictic, matrix supported 60% matrix and 40 % clasts. Clasts range in size from 0.5 to 3 cm wide and are all elongated along foliation at 50 degrees, unit is nonmineralized and contians minor calcite veinlets which xcut fabric of rock. in general from at 30 degrees.

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
104.75, 119.10, FOL, MOD, 50.00, -, -, -, Fabric defined by fragments
104.75, 104.76, LWC, -, 50.00, -, -, -, sharp

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117695 | 104.8 | 106.0 | 1.3 | 0.019 | | | | |
| CAOND117696 | 106.0 | 107.5 | 1.5 | 0.015 | | | | |
| CAOND117697 | 107.5 | 109.0 | 1.5 | 0.027 | | | | |
| CAOND117698 | 109.0 | 110.5 | 1.5 | 0.016 | | | | |
| CAOND117699 | 110.5 | 112.0 | 1.5 | 0.022 | | | | |
| CAOND117751 | 112.0 | 113.5 | 1.5 | 0.101 | | | | |
| CAOND117752 | 113.5 | 115.0 | 1.5 | 0.015 | | | | |
| CAOND117753 | 115.0 | 116.5 | 1.5 | 0.225 | | | | |
| CAOND117754 | 116.5 | 118.0 | 1.5 | 0.015 | | | | |
| CAOND117755 | 118.0 | 119.1 | 1.1 | 0.243 | | | | |

**Major:** **From:** 119.10 **To:** 137.45 S3, GRAUWACKE

Massive gray non mineralized greywacke, non magentic, uniform in appearance, thinly laminated at 50 degrees with sporadic thin hairline veinlets of Calcite which always seem to xcut fabric of wacke at 80degrees and some at 30 degrees. upper contact is sharp at 50 and lower contact is gradational

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
119.10, 137.45, CAL+, INT, STRONG, GRY_00025, VFG, -, -

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
119.10, 137.45, FOL, MOD, 50.00, -, -, -, Fabric defined by fragments

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117756 | 119.1 | 120.4 | 1.3 | 1.880 | | | | |
| CAOND117757 | 120.4 | 121.5 | 1.1 | 0.019 | | | | |
| CAOND117758 | 121.5 | 123.0 | 1.5 | 0.024 | | | | |
| CAOND117759 | 123.0 | 124.5 | 1.5 | 0.008 | | | | |
| CAOND117761 | 124.5 | 126.0 | 1.5 | 0.008 | | | | |
| CAOND117762 | 126.0 | 127.5 | 1.5 | 0.031 | | | | |
| CAOND117763 | 127.5 | 129.0 | 1.5 | 0.021 | | | | |
| CAOND117764 | 129.0 | 130.5 | 1.5 | 0.012 | | | | |
| CAOND117765 | 130.5 | 132.0 | 1.5 | 0.024 | | | | |

**Hole number:** KLUC18-522

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117766 | 132.0 | 133.5 | 1.5 | 0.008 | | | | |
| CAOND117767 | 133.5 | 135.0 | 1.5 | 0.008 | | | | |
| CAOND117768 | 135.0 | 136.5 | 1.5 | 0.017 | | | | |
| CAOND117769 | 136.5 | 137.5 | 0.9 | 0.013 | | | | |

**Major:** **From:** 137.45 **To:** 139.90 I2D, Syénite

Veining in Syenite (possibly just hematite alteration) - fine grained, massive, strongly magnetic, irregular wavy quartz veinlets through out unit ~15%. Chorite seen interstial to veinlets. lower contact is sharp at 50

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

137.45, 139.90, HEM+, PEN, STRONG, PNK2_BASIC, VFG, -, DArk pink alteration.

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

137.45, 139.90, FOL, MOD, 50.00, -, -, -, Fabric defined by fragments

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

137.45, 139.90, QTZ_2, 15.00, -, -, -, -, PNK2_BASIC, .30, ANA, -, -, thin anastomosing veinlets of quartz calcite

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117771 | 137.5 | 139.0 | 1.6 | 0.003 | | | | |
| CAOND117772 | 139.0 | 139.9 | 0.9 | 0.003 | | | | |

**Major:** **From:** 139.90 **To:** 150.30 S3, GRAUWACKE

Massive gray non tmineralized greywacke, non moderately magentic, uniform in appearance, thinly laminated at 50 degrees with sporadic thin hairline veinlets of Calcite which always seem to xcut fabric of wacke at 80degrees and some at 30 degrees. Mylontic unit from 148-150.3 stripped unit alternating of ribbons of calcite + hematite and black chloritic ribbons, strongly foliated. Lower contact contians fault gauge.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

139.90, 150.30, CAL+, INT, STRONG, GRY_00025, VFG, -, -

147.50, 150.30, CHL+, SEL, STRONG, RED_00001, VFG, -, Black bands thought to be chloritized.

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

139.90, 150.30, FOL, MOD, 50.00, -, -, -, Fabric defined by fragments

148.30, 150.20, MNC, STRONG, 50.00, -, -, -, ribbony rock, stripped

150.20, 150.30, GGE, -, -, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117773 | 139.9 | 141.0 | 1.1 | 0.006 | | | | |
| CAOND117774 | 141.0 | 142.5 | 1.5 | 0.020 | | | | |
| CAOND117776 | 142.5 | 144.0 | 1.5 | 0.013 | | | | |
| CAOND117777 | 144.0 | 145.5 | 1.5 | 0.016 | | | | |
| CAOND117778 | 145.5 | 147.0 | 1.5 | 0.027 | | | | |
| CAOND117779 | 147.0 | 148.5 | 1.5 | 0.066 | | | | |
| CAOND117781 | 148.5 | 149.0 | 0.5 | 0.017 | | | | |
| CAOND117782 | 149.0 | 150.3 | 1.3 | 0.009 | | | | |

## Hole number: KLUC18-522

**Major:** **From:** 150.30 **To:** 158.10 I2D, Syénite

Brick red syenite with moderate veining - Srong hematite alteration massive to moderately foliated @ 50 degrees, fine grained to coarse grained rock. rock is strongly magnetic and massive to strongly foliated towards contacts. no sulphids present.. Lower contact is gradational appears to be mixing with sediments

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

150.30, 150.35, CAL+, INT, STRONG, GRY_00025, VFG, -, -
150.30, 158.00, HEM+, SEL, MOD, PNK2_BASIC, VFG, -, light pink alteration
158.00, 158.10, ANK+, PEN, MOD, GRY_00025, VFG, -, stain blue
158.00, 158.10, SER+, SEL, MOD, GRN2_BASIC, VFG, -, wisps form in matrix defining foliation

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

150.30, 158.10, FOL, MOD, 50.00, -, -, -, Fabric defined by fragments

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

150.30, 154.50, CAL, 5.00, 30.00, -, -, -, PNK2_BASIC, .30, IRR, -, -, -
155.70, 156.00, QTZ, 30.00, 50.00, -, -, -, GRY_00025, .50, ANA, -, -, Irregular anastomosing possible dolimate with quartz

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117783 | 150.3 | 151.5 | 1.2 | 0.006 | | | | |
| CAOND117784 | 151.5 | 153.0 | 1.5 | 0.015 | | | | |
| CAOND117785 | 153.0 | 154.5 | 1.5 | 0.019 | | | | |
| CAOND117786 | 154.5 | 155.7 | 1.2 | 0.010 | | | | |
| CAOND117787 | 155.7 | 156.4 | 0.7 | 0.009 | | | | |
| CAOND117788 | 156.4 | 157.5 | 1.1 | 0.005 | | | | |
| CAOND117789 | 157.5 | 158.1 | 0.6 | 0.012 | | | | |

**Major:** **From:** 158.10 **To:** 188.30 S3, GRAUWACKE

weakly mineralized greywacke, non magentic, uniform in appearance, strongly foliated at 50 degrees, alternating bands of felics and mafics, Strong ankerite veinlets, 30 % wormy cm scale subparallel, minor quartz veinlets. Clasts are present sporadically through out unit, generally quartz clasts. Unit is strongly ankeritic moderately sericitic. veinlets give a stripped look to the rock. Mineralization is disseminated in trace amounts there are minor clusters of disseminated sulphide which seem to form along foliation. UCT is gradational and loser contact is sharp 60.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

158.10, 177.00, PYR, DIS, .10, -, -, -
180.00, 180.50, PYR, DIS, 1.00, -, VFG, disseminated through out
180.50, 188.30, PYR, DIS, 3.00, -, VFG, disseminated

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

158.10, 188.30, ANK+, PEN, MOD, GRY_00025, VFG, -, stain blue
158.10, 188.30, SER+, SEL, MOD, GRN2_BASIC, VFG, -, wisps form in matrix defining foliation
158.90, 178.90, SER+, PEN, MOD, GRY_00025, VFG, -, Beige colour can still make out texutres
178.90, 181.00, SER+, PEN, MOD, GRY_00025, VFG, -, beige colour starting to distroy textures.
182.00, 183.30, SER+, PEN, MOD, GRY_00025, VFG, -, beige colour destroy textures

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117791 | 158.1 | 159.0 | 0.9 | 0.021 | | | | |
| CAOND117792 | 159.0 | 160.5 | 1.5 | 0.013 | | | | |
| CAOND117793 | 160.5 | 162.0 | 1.5 | 0.021 | | | | |
| CAOND117794 | 162.0 | 163.5 | 1.5 | 0.011 | | | | |
| CAOND117795 | 163.5 | 165.0 | 1.5 | 0.013 | | | | |
| CAOND117796 | 165.0 | 166.5 | 1.5 | 0.063 | | | | |
| CAOND117797 | 166.5 | 168.0 | 1.5 | 0.310 | | | | |
| CAOND117798 | 168.0 | 169.5 | 1.5 | 0.003 | | | | |
| CAOND117799 | 169.5 | 171.0 | 1.5 | 0.012 | | | | |
| CAOND117801 | 171.0 | 172.5 | 1.5 | 0.012 | | | | |
| CAOND117802 | 172.5 | 174.0 | 1.5 | 0.009 | 0.250 | 51 | 81 | |
| CAOND117803 | 174.0 | 175.5 | 1.5 | 0.041 | | | | |
| CAOND117804 | 175.5 | 177.0 | 1.5 | 0.007 | | | | |
| CAOND117805 | 177.0 | 178.5 | 1.5 | 0.003 | | | | |

**Hole number:** KLUC18-522

185.70, 186.30, SER+, PEN, STRONG, GRY_00025, VFG, -, texture destroyed

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
158.10, 188.30, FOL, MOD, 50.00, -, -, -, Fabric defined by fragments

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
159.00, 179.00, ANK, 20.00, 50.00, -, -, -, -, .30, WLA, -, -, thin veinlets of ankerite/dolimate with minor quartz. some veinlets are irregular and wavy
182.00, 188.30, QtzAnk, 5.00, 60.00, -, -, -, GRY_00025, .30, WLA, PYR, -, wormy wavy irregular veins which often have increased alteration adjacent to veintlets

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117806 | 178.5 | 180.0 | 1.5 | 0.009 | | | | |
| CAOND117807 | 180.0 | 181.5 | 1.5 | 0.041 | | | | |
| CAOND117808 | 181.5 | 183.0 | 1.5 | 0.297 | | | | |
| CAOND117809 | 183.0 | 184.5 | 1.5 | 0.196 | | | | |
| CAOND117810 | 184.5 | 185.5 | 1.0 | 0.278 | | | | |
| CAOND117811 | 185.5 | 187.0 | 1.5 | 0.246 | | | | |
| CAOND117812 | 187.0 | 188.3 | 1.3 | 0.025 | | | | |

**Major:** **From:** 188.30 **To:** 194.00 I2D, Syénite

Syenite - light pink with gray wisps, mg to cg, massive, nonmagnetic, non mineralized, weak hematite alteration, wispy chlorite alteration. Wormy 0.5cm ankerite + quartz veinlets which form at 70 degrees and 30 degrees. 5% veinlets. Sharp contacts at 60 and 70 degrees.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
188.30, 194.00, ANK+, PEN, MOD, GRY_00025, VFG, -, stain blue
188.30, 194.00, SER+, SEL, MOD, GRN2_BASIC, VFG, -, wisps form in matrix defining foliation
188.30, 194.00, HEM+, PEN, WEAK, PNK2_BASIC, VFG, -, light pink syenite

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
188.30, 194.00, FOL, MOD, 50.00, -, -, -, Fabric defined by fragments

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
188.30, 191.00, QtzAnk, 5.00, 60.00, -, -, -, GRY_00025, .30, WLA, PYR, -, wormy wavy irregular veins which often have increased alteration adjacent to veintlets

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117813 | 188.3 | 189.5 | 1.2 | 0.012 | | | | |
| CAOND117814 | 189.5 | 191.0 | 1.5 | 0.018 | | | | |
| CAOND117816 | 191.0 | 192.0 | 1.0 | 0.012 | | | | |
| CAOND117817 | 192.0 | 193.0 | 1.0 | 0.006 | | | | |
| CAOND117818 | 193.0 | 194.0 | 1.0 | 0.011 | | | | |

**Major:** **From:** 194.00 **To:** 199.00 S3, GRAUWACKE

weakly mineralized greywacke, non magentic, weakly foliated at 50, alternating bands of felics and mafics, Strong ankerite veinlets, 30 % wormy cm scale subparallel, minor quartz veinlets. Clasts are present sporadically through out unit, generally quartz clasts. Unit is strongly ankeritic moderately sericitic. veinlets give a stripped look to the rock. Mineralization is disseminated in trace amounts there are minor clusters of disseminated sulphide which seem to form along foliation. UCT is gradational and loser contact is sharp 60.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117819 | 194.0 | 195.5 | 1.5 | 0.012 | | | | |
| CAOND117821 | 195.5 | 197.0 | 1.5 | 0.014 | | | | |
| CAOND117822 | 197.0 | 198.0 | 1.0 | 0.061 | | | | |
| CAOND117823 | 198.0 | 199.0 | 1.0 | 0.011 | | | | |

**Hole number:** KLUC18-522

194.00, 199.00, ANK+, PEN, MOD, GRY_00025, VFG, -, stain blue
194.00, 199.00, SER+, SEL, MOD, GRN2_BASIC, VFG, -, wisps form in matrix defining foliation
194.00, 194.60, HEM+, PEN, WEAK, PNK2_BASIC, VFG, -, light pink syenite

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
194.00, 199.00, FOL, MOD, 50.00, -, -, -, Fabric defined by fragments

**Major:** **From:** 199.00 **To:** 203.00 S1, CONGLOMÉRAT

moderately foliated conglomerate - Polymictic, matrix supported 80% matrix and 20 % clasts. Clasts range in size from 0.5 to 3 cm wide and are all elongated along foliation at 50 degrees, Disseminated pyrite seen in matrix ~1% fine grained sulphide. Strong pervasive sercite alteration. 5% wormy veinlets of ankerite. In general veinlets form at 60 degrees.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
199.00, 203.00, PYR, DIS, 3.00, -, VFG, patchy disseminated pyrite, forms with sercite

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
199.00, 203.00, ANK+, PEN, MOD, GRY_00025, VFG, -, stain blue
199.00, 203.00, SER+, SEL, MOD, GRN2_BASIC, VFG, -, wisps form in matrix defining foliation
201.00, 203.00, SER+, PEN, STRONG, GRY_00025, VFG, -, destroy texture

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
199.00, 203.00, FOL, MOD, 50.00, -, -, -, Fabric defined by fragments

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
199.00, 203.00, QtzAnk, 5.00, -, -, -, -, GRY_00025, -, IRR, PYR, 1.00, Irregular floodind and veinlets, angles are variable

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117824 | 199.0 | 200.0 | 1.0 | 0.036 | | | | |
| CAOND117826 | 200.0 | 201.5 | 1.5 | 0.095 | | | | |
| CAOND117827 | 201.5 | 203.0 | 1.5 | 0.088 | | | | |

**Major:** **From:** 203.00 **To:** 241.30 S3, GRAUWACKE

moderately mineralized greywacke, non magentic, variable alteration, weakly foliated at 50-60 degrees, alternating bands of felics and mafics, Strong ankerite veinlets, 30 % wormy cm scale subparallel, minor quartz veinlets. Clasts are present sporadically through out unit, generally quartz clasts. Unit is strongly ankeritic moderately-strongly sericitic. Mineralization is disseminated in 1% and are fairly evenly distributed. Contacts are gradational

**MINOR INTERVAL**
220.70 - 222.40: V8tStipped black and white, strongly foliated at 50 weakly magnetic, non mineralized

**MINERALIZATION**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117828 | 203.0 | 204.0 | 1.0 | 0.377 | | | | |
| CAOND117829 | 204.0 | 205.0 | 1.0 | 0.677 | | | | |
| CAOND117831 | 205.0 | 206.5 | 1.5 | 0.126 | | | | |
| CAOND117832 | 206.5 | 208.0 | 1.5 | 0.182 | | | | |
| CAOND117833 | 208.0 | 209.5 | 1.5 | 0.016 | | | | |
| CAOND117834 | 209.5 | 211.0 | 1.5 | 0.021 | | | | |
| CAOND117835 | 211.0 | 212.5 | 1.5 | 0.012 | | | | |

**Hole number:** KLUC18-522

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
203.00, 206.00, PYR, DIS, 3.00, -, VFG, patchy disseminated pyrite, forms with sercite
206.00, 241.30, PYR, DIS, .50, -, VFG, dusting

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
203.00, 241.30, ANK+, PEN, MOD, GRY_00025, VFG, -, stain blue
203.00, 241.30, SER+, SEL, MOD, GRN2_BASIC, VFG, -, wisps form in matrix defining foliation
203.00, 204.00, SER+, PEN, STRONG, GRY_00025, VFG, -, destroy texture
204.00, 205.00, HEM+, PEN, STRONG, PNK2_BASIC, VFG, -, Dark pink alteration
205.00, 220.70, SER+, PEN, STRONG, GRY_00025, VFG, -, destroy texture
226.10, 227.50, SER+, PEN, STRONG, GRY_00025, VFG, -, destroy texture

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
203.00, 241.30, FOL, MOD, 50.00, -, -, -, Fabric defined by fragments
220.70, 221.20, S3, STRONG, 50.00, -, -, -, Schistose and crenulated

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
203.00, 204.00, QtzAnk, 5.00, -, -, -, -, GRY_00025, -, IRR, PYR, 1.00, Irregular floodind and veinlets, angles are variable
222.40, 222.60, QtzAnk, 50.00, 45.00, -, -, -, BLU2_BASIC, 10.00, MAS, -, -, massive smokey quartz vein with ankerite surrounding vein.
227.10, 227.50, QtzAnk, 50.00, 60.00, -, -, -, PNK2_BASIC, 10.00, IRM, -, -, quartz vein with ankerite rim. vein is anastomosing and branches out into veinlets.
227.50, 241.30, ANK, 10.00, 60.00, -, -, -, GRY_00025, .30, IRR, PYR, 1.00, wormy veinlets form thorugh out unit usually cross cut fabric of the rock

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117836 | 212.5 | 213.5 | 1.0 | 0.007 | | | | |
| CAOND117837 | 213.5 | 214.5 | 1.0 | 0.008 | | | | |
| CAOND117838 | 214.5 | 215.5 | 1.0 | 0.018 | | | | |
| CAOND117839 | 215.5 | 216.5 | 1.0 | 0.006 | | | | |
| CAOND117840 | 216.5 | 218.0 | 1.5 | 0.003 | | | | |
| CAOND117841 | 218.0 | 219.5 | 1.5 | 0.018 | | | | |
| CAOND117842 | 219.5 | 220.7 | 1.2 | 0.006 | | | | |
| KLUC18-522_LC_001 | 220.7 | 221.0 | 0.3 | | | | | |
| CAOND117843 | 221.0 | 222.4 | 1.4 | 0.026 | | | | |
| CAOND117844 | 222.4 | 223.0 | 0.6 | 0.016 | | | | |
| CAOND117846 | 223.0 | 224.5 | 1.5 | 0.009 | | | | |
| CAOND117847 | 224.5 | 226.0 | 1.5 | 0.018 | | | | |
| CAOND117848 | 226.0 | 227.1 | 1.1 | 0.045 | | | | |
| CAOND117849 | 227.1 | 227.5 | 0.4 | 0.023 | | | | |
| CAOND117851 | 227.5 | 229.0 | 1.5 | 0.055 | | | | |
| CAOND117852 | 229.0 | 230.5 | 1.5 | 0.016 | | | | |
| CAOND117853 | 230.5 | 232.0 | 1.5 | 0.028 | | | | |
| CAOND117854 | 232.0 | 233.5 | 1.5 | 0.037 | | | | |
| CAOND117855 | 233.5 | 235.0 | 1.5 | 0.057 | | | | |
| CAOND117856 | 235.0 | 236.5 | 1.5 | 0.023 | | | | |
| CAOND117857 | 236.5 | 238.0 | 1.5 | 0.034 | | | | |
| CAOND117858 | 238.0 | 239.5 | 1.5 | 0.029 | | | | |
| CAOND117859 | 239.5 | 240.4 | 0.9 | 0.033 | | | | |
| CAOND117861 | 240.4 | 241.3 | 0.9 | 0.021 | | | | |

**Major:** **From:** 241.30 **To:** 316.00 FP, Feldspar porphyry

moderately mineralized strongly foliated Porphyry or Quartz Arkose - Light pink/white with light green wispy alteration. Stronlgy foliatated at 50 degrees. Bulbous looking do to large 1cm angular fragments (generally pink), light green (sercite alteration) alteration wraps around larger fragments. Unit has strong pervasive ankerite alteration. Disseminated very fine grained pyrite seen in matrix ~3% fine grained sulphide. Strong pervasive sercite alteration. 5% wormy veinlets of ankerite. In general veinlets form at 60 degrees, these veins are often affected by secondary fabric. Variable amount of strain in the unit. no good contact 270.3-280.45m 10% disseminated sulhide, increased alteration and grainsize reduction. Outlined in structure and alteration tabs

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117862 | 241.3 | 242.0 | 0.7 | 0.115 | | | | |
| CAOND117863 | 242.0 | 243.5 | 1.5 | 0.317 | | | | |
| CAOND117864 | 243.5 | 245.0 | 1.5 | 0.279 | | | | |
| CAOND117865 | 245.0 | 246.5 | 1.5 | 0.189 | | | | |
| CAOND117866 | 246.5 | 248.0 | 1.5 | 0.037 | | | | |
| CAOND117867 | 248.0 | 249.5 | 1.5 | 0.014 | | | | |
| CAOND117868 | 249.5 | 251.0 | 1.5 | 0.013 | | | | |
| CAOND117869 | 251.0 | 252.5 | 1.5 | 0.018 | | | | |

**Hole number:** KLUC18-522

241.30, 270.30, PYR, DIS, 1.00, -, VFG, forms in matrix with sercite and chlorite
270.30, 274.20, PYR, DIS, 10.00, -, VFG, dusting of pyrite
274.20, 275.05, PYR, DIS, 1.00, -, VFG, clusters of pyrite in sercite alteration
276.80, 277.50, PYR, DIS, 10.00, -, VFG, dusting of pyrite
315.90, 316.00, PYR, DIS, 1.00, -, VFG, dusting of pyrite associated with mafic minerals

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

241.30, 315.90, ANK+, PEN, MOD, GRY_00025, VFG, -, stain blue
241.30, 315.90, SER+, SEL, MOD, GRN2_BASIC, VFG, -, wisps form in matrix defining foliation
241.30, 280.00, SER+, SEL, STRONG, GRN2_BASIC, VFG, -, forms in matrix with pyrite and chlorite
270.30, 280.45, HEM+, PEN, WEAK, PNK2_BASIC, VFG, -, light pink colour to felics in unit.
273.30, 279.30, SER+, PEN, STRONG, GRY_00025, VFG, -, destroying texture of rock
274.20, 275.05, HEM+, PEN, STRONG, RED2_BASIC, VFG, -, brick red unit around quartz ankerite veinlets
277.50, 279.30, BTI+, BAN, STRONG, RED_00001, VFG, -, 1 cm bands of biotite + chlorite. give rock a stipped appearance
315.90, 316.00, CAL+, SEL, WEAK, GRY_00025, VFG, -, formed in fragments.
315.90, 316.00, HEM+, SEL, STRONG, PNK2_BASIC, VFG, -, formed in fragments with calcite

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

241.30, 315.00, FOL, MOD, 50.00, -, -, -, Fabric defined by fragments
270.30, 273.65, SCH, STRONG, 30.00, -, -, -, strong fabric giveing rock an aphantic, ribbony appearance.
276.80, 277.50, SCH, STRONG, 50.00, -, -, -, strong fabric giveing rock an aphantic, ribbony appearance.
277.50, 279.00, SCH, STRONG, 50.00, -, -, -, black bands form along foliation,
286.00, 287.00, BRC, STRONG, 50.00, -, -, -, clast supported angular breccia with black rock flour
314.00, 316.00, FRA, STRONG, 10.00, -, -, -, low angle fracture which bisects core gives bad RQD
315.90, 316.00, FOL, STRONG, -, -, -, -, strong fabric at contact between sediments and trachytes.

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

241.30, 270.30, ANK, 10.00, 60.00, -, -, -, GRY_00025, .30, IRR, PYR, 1.00, wormy veinlets form thorugh out unit usually cross cut fabric of the rock
274.20, 275.05, QtzAnk, 15.00, 30.00, -, -, -, GRY_00025, 2.00, DFM, PYR, 1.00, irregular discontinous quartz dominate veins with brick red alteration surrounding vein
279.30, 282.50, QtzAnk, 1.00, 50.00, -, -, -, GRY_00025, 2.00, IRR, -, -, cut fabric of rock at high angles.
282.50, 315.90, QtzAnk, 1.00, 60.00, -, -, -, GRY_00025, .30, IRR, -, -, wormy wavy irregular veins

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117871 | 252.5 | 254.0 | 1.5 | 0.024 | | | | |
| CAOND117872 | 254.0 | 255.5 | 1.5 | 0.025 | 0.250 | 110 | 89 | |
| CAOND117873 | 255.5 | 257.0 | 1.5 | 0.022 | | | | |
| CAOND117874 | 257.0 | 258.5 | 1.5 | 0.034 | | | | |
| CAOND117876 | 258.5 | 260.0 | 1.5 | 0.049 | | | | |
| CAOND117877 | 260.0 | 261.5 | 1.5 | 0.017 | | | | |
| CAOND117878 | 261.5 | 263.0 | 1.5 | 0.008 | | | | |
| CAOND117879 | 263.0 | 264.5 | 1.5 | 0.008 | | | | |
| CAOND117881 | 264.5 | 266.0 | 1.5 | 0.003 | | | | |
| CAOND117882 | 266.0 | 267.5 | 1.5 | 0.011 | | | | |
| CAOND117883 | 267.5 | 269.0 | 1.5 | 0.008 | | | | |
| CAOND117884 | 269.0 | 270.3 | 1.3 | 0.020 | | | | |
| CAOND117885 | 270.3 | 271.1 | 0.8 | 0.175 | | | | |
| CAOND117886 | 271.1 | 272.5 | 1.4 | 0.032 | | | | |
| CAOND117887 | 272.5 | 273.7 | 1.1 | 0.052 | | | | |
| CAOND117888 | 273.7 | 274.2 | 0.6 | 0.050 | | | | |
| CAOND117889 | 274.2 | 275.1 | 0.9 | 0.076 | | | | |
| CAOND117891 | 275.1 | 276.0 | 1.0 | 0.026 | | | | |
| CAOND117892 | 276.0 | 276.8 | 0.8 | 0.086 | | | | |
| CAOND117893 | 276.8 | 277.5 | 0.7 | 0.082 | | | | |
| CAOND117894 | 277.5 | 278.3 | 0.8 | 0.027 | | | | |
| CAOND117895 | 278.3 | 279.3 | 1.0 | 0.057 | | | | |
| CAOND117896 | 279.3 | 280.5 | 1.2 | 0.082 | | | | |
| CAOND117897 | 280.5 | 281.5 | 1.1 | 0.060 | | | | |
| CAOND117898 | 281.5 | 283.0 | 1.5 | 0.016 | | | | |
| CAOND117899 | 283.0 | 284.5 | 1.5 | 0.013 | | | | |
| CAOND117901 | 284.5 | 286.0 | 1.5 | 0.038 | | | | |
| CAOND117902 | 286.0 | 287.5 | 1.5 | 0.094 | | | | |
| CAOND117903 | 287.5 | 289.0 | 1.5 | 0.011 | | | | |
| CAOND117904 | 289.0 | 290.5 | 1.5 | 0.043 | | | | |
| CAOND117905 | 290.5 | 292.0 | 1.5 | 0.014 | | | | |
| CAOND117906 | 292.0 | 293.5 | 1.5 | 0.048 | | | | |
| CAOND117907 | 293.5 | 295.0 | 1.5 | 0.010 | | | | |

**Hole number:** KLUC18-522

which xcut fabric of rock
301.90, 302.00, QtzAnk, 90.00, 50.00, -, -, -, PNK2_BASIC, 10.00, MAS, -, -, form along foliation sharp contacts
305.45, 305.80, QtzAnk, 75.00, 70.00, -, -, -, PNK2_BASIC, 2.00, IRR, -, -, chaotic looking vein, angle hard to give.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117908 | 295.0 | 296.5 | 1.5 | 0.005 | | | | |
| CAOND117909 | 296.5 | 298.0 | 1.5 | 0.013 | | | | |
| CAOND117910 | 298.0 | 299.5 | 1.5 | 0.013 | | | | |
| CAOND117911 | 299.5 | 301.0 | 1.5 | 0.009 | | | | |
| CAOND117912 | 301.0 | 302.5 | 1.5 | 0.005 | | | | |
| CAOND117913 | 302.5 | 304.0 | 1.5 | 0.028 | | | | |
| CAOND117914 | 304.0 | 305.5 | 1.5 | 0.018 | | | | |
| CAOND117916 | 305.5 | 306.0 | 0.6 | 0.027 | | | | |
| CAOND117917 | 306.0 | 307.5 | 1.5 | 0.018 | | | | |
| CAOND117918 | 307.5 | 309.0 | 1.5 | 0.024 | | | | |
| CAOND117919 | 309.0 | 310.5 | 1.5 | 0.029 | | | | |
| CAOND117921 | 310.5 | 312.0 | 1.5 | 0.011 | | | | |
| CAOND117922 | 312.0 | 313.0 | 1.0 | 0.019 | | | | |
| CAOND117923 | 313.0 | 314.5 | 1.5 | 0.022 | | | | |
| CAOND117924 | 314.5 | 316.0 | 1.5 | 0.030 | | | | |

**Major:** **From:** 316.00 **To:** 393.50 V8mtl, Trachyte mafic tuff lapilli

Weakly mineralized mafic lapilli tuff - Fine grained black matrix which is non to strongly magnetic, patchy magnetism, light pink angular fragment ranging from tuff to lappilli. Clasts are hematite rich and also can contian calcite. Unit is strongly moderately foliated at 60 degrees. unit is variable in textures based on fragement size and strain. Fragments are stretched along foliatin but still angular. Fragment support. Very fine grained dusting of pyrite with mafic minerals trace to 3%. no significant veining in sequence. sheared lower contact with high core angles of 80-90 degrees.

**TEXTURE**
TYPE/COLOR/GRAIN_SIZE/COMMENTS
325.20, 340.40, MAS, -, CGR, no foliation
350.80, 363.00, MAS, -, CGR, no foliation possible syenite but no sharp contacts

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
316.00, 393.50, PYR, DIS, 1.00, -, VFG, dusting of pyrite associated with mafic minerals

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
316.00, 393.50, CAL+, SEL, WEAK, GRY_00025, VFG, -, formed in fragments.
316.00, 393.50, HEM+, SEL, STRONG, PNK2_BASIC, VFG, -, formed in fragments with calcite
354.00, 355.40, SER+, PEN, MOD, GRY_00025, VFG, -, bleaching rock
385.60, 393.50, CHL+, SEL, STRONG, RED_00001, VFG, -, bands of chlorite alternating with hematite and calcite in mylontic looking unit

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117926 | 316.0 | 317.5 | 1.5 | 0.022 | | | | |
| CAOND117927 | 317.5 | 319.0 | 1.5 | 0.046 | | | | |
| CAOND117928 | 319.0 | 320.5 | 1.5 | 0.030 | | | | |
| CAOND117929 | 320.5 | 322.0 | 1.5 | 0.056 | | | | |
| CAOND117931 | 322.0 | 323.0 | 1.0 | 0.048 | | | | |
| CAOND117932 | 323.0 | 323.8 | 0.8 | 0.029 | | | | |
| CAOND117933 | 323.8 | 325.2 | 1.4 | 0.031 | | | | |
| CAOND117934 | 325.2 | 326.0 | 0.8 | 0.045 | | | | |
| CAOND117935 | 326.0 | 327.5 | 1.5 | 0.052 | | | | |
| CAOND117936 | 327.5 | 329.0 | 1.5 | 0.025 | | | | |
| CAOND117937 | 329.0 | 330.5 | 1.5 | 0.067 | | | | |
| CAOND117938 | 330.5 | 332.0 | 1.5 | 0.051 | | | | |
| CAOND117939 | 332.0 | 333.5 | 1.5 | 0.046 | | | | |
| CAOND117940 | 333.5 | 335.0 | 1.5 | 0.055 | | | | |
| CAOND117941 | 335.0 | 336.5 | 1.5 | 0.144 | | | | |
| CAOND117942 | 336.5 | 338.0 | 1.5 | 0.067 | | | | |
| CAOND117943 | 338.0 | 339.5 | 1.5 | 0.119 | | | | |

**Hole number:** KLUC18-522

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

316.00, 317.00, FRA, STRONG, 10.00, -, -, -, low angle fracture which bisects core gives bad RQD
316.00, 325.20, FOL, STRONG, -, -, -, -, strong fabric at contact between sediments and trachytes.
337.65, 350.80, FOL, MOD, 50.00, -, -, -, alignment of fragments
363.00, 386.00, FOL, MOD, 60.00, -, -, -, alignment of fragments
385.60, 393.50, SHR, STRONG, 90.00, -, -, -, alternating black chlorite bands and pink hematite/calcite bands. Texture destroyed

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

340.10, 340.40, QTZ, 90.00, 35.00, -, -, -, GRY_00025, 25.00, MAS, -, -, late vein
362.00, 362.50, QTZ_2, 5.00, 70.00, -, -, -, GRY_00025, .30, IRM, -, -, wormy irregular veins
385.60, 392.00, QTZ, .50, 30.00, -, -, -, PNK2_BASIC, 2.00, MAS, -, -, couple massive looking veins which hematite alteration around vein. no increase in sulphide

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117944 | 339.5 | 341.0 | 1.5 | 2.120 | | | | |
| CAOND117946 | 341.0 | 342.5 | 1.5 | 0.167 | | | | |
| CAOND117947 | 342.5 | 344.0 | 1.5 | 0.033 | | | | |
| CAOND117948 | 344.0 | 345.5 | 1.5 | 0.036 | | | | |
| CAOND117949 | 345.5 | 347.0 | 1.5 | 0.031 | | | | |
| CAOND117951 | 347.0 | 348.5 | 1.5 | 0.020 | | | | |
| CAOND117952 | 348.5 | 350.0 | 1.5 | 0.043 | | | | |
| CAOND117953 | 350.0 | 351.5 | 1.5 | 0.032 | | | | |
| CAOND117954 | 351.5 | 353.0 | 1.5 | 0.013 | | | | |
| CAOND117955 | 353.0 | 354.0 | 1.0 | 0.030 | | | | |
| CAOND117956 | 354.0 | 355.5 | 1.5 | 0.331 | | | | |
| CAOND117957 | 355.5 | 357.0 | 1.5 | 0.006 | | | | |
| CAOND117958 | 357.0 | 358.5 | 1.5 | 0.009 | | | | |
| CAOND117959 | 358.5 | 360.0 | 1.5 | 0.037 | | | | |
| CAOND117961 | 360.0 | 361.5 | 1.5 | 0.014 | | | | |
| CAOND117962 | 361.5 | 363.0 | 1.5 | 0.054 | | | | |
| CAOND117963 | 363.0 | 364.5 | 1.5 | 0.112 | | | | |
| CAOND117964 | 364.5 | 366.0 | 1.5 | 0.062 | | | | |
| CAOND117965 | 366.0 | 367.5 | 1.5 | 0.057 | | | | |
| CAOND117966 | 367.5 | 369.0 | 1.5 | 0.042 | | | | |
| CAOND117967 | 369.0 | 370.5 | 1.5 | 0.032 | | | | |
| CAOND117968 | 370.5 | 372.0 | 1.5 | 0.125 | | | | |
| CAOND117969 | 372.0 | 373.5 | 1.5 | 0.021 | | | | |
| CAOND117971 | 373.5 | 375.0 | 1.5 | 0.017 | | | | |
| CAOND117972 | 375.0 | 376.5 | 1.5 | 0.066 | | | | |
| CAOND117973 | 376.5 | 378.0 | 1.5 | 0.030 | | | | |
| CAOND117974 | 378.0 | 379.5 | 1.5 | 0.089 | | | | |
| CAOND117976 | 379.5 | 381.0 | 1.5 | 0.050 | | | | |
| CAOND117977 | 381.0 | 382.5 | 1.5 | 0.057 | | | | |
| CAOND117978 | 382.5 | 384.0 | 1.5 | 0.025 | | | | |
| CAOND117979 | 384.0 | 385.5 | 1.5 | 0.024 | | | | |
| CAOND117981 | 385.5 | 387.0 | 1.5 | 0.007 | | | | |
| CAOND117982 | 387.0 | 388.0 | 1.0 | 0.146 | | | | |

**Hole number:** KLUC18-522

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117983 | 388.0 | 389.5 | 1.5 | 0.140 | | | | |
| CAOND117984 | 389.5 | 391.0 | 1.5 | 0.065 | | | | |
| CAOND117985 | 391.0 | 392.0 | 1.0 | 0.105 | | | | |
| CAOND117986 | 392.0 | 393.5 | 1.5 | 0.026 | | | | |

**Major:** **From:** 393.50 **To:** 403.00 V8Porph, Trachyte porphyrytic

Medium grained, pink, massive, moderately magnetic, porphyrtic unit. Unit is unmineralized. Porphyry supported (80%) and 20% black matrix. phenocyrsts are in general <0.5cm, they very in shape, rounded, tails, to sweats. Hemaite and calcite is strong in unit and pervasive. Upper contact is sheared and lower contact is sharp at 20 degrees. Could possibly be a syentite

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

393.50, 403.00, HEM+, PEN, STRONG, RED2_BASIC, VFG, -, dark pink alteration to red

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117987 | 393.5 | 394.5 | 1.0 | 0.017 | | | | |
| CAOND117988 | 394.5 | 396.0 | 1.5 | 0.021 | | | | |
| CAOND117989 | 396.0 | 397.5 | 1.5 | 0.051 | | | | |
| CAOND117991 | 397.5 | 399.0 | 1.5 | 0.016 | | | | |
| CAOND117992 | 399.0 | 400.5 | 1.5 | 0.025 | | | | |
| CAOND117993 | 400.5 | 402.0 | 1.5 | 0.008 | | | | |
| CAOND117994 | 402.0 | 403.0 | 1.0 | 0.005 | | | | |

**Major:** **From:** 403.00 **To:** 492.00 V8m, Trachyte mafic

cherty looking trachytic flow - Black with pink wisps, strongly foliated at 5 degrees, wavy foliation defined by pink wisps. very uniform looking rock. Blocky core because of low angle fabric. Rock breaks in sharp brittle fashion. Almost chert like. Strong pervasive chlorite and wispy hematite alteration. Unit is aphanitic. strong calcite/hemaite stringers which form along foliation, 25% veinlets. Sharp upper contact at 20

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

480.00, 487.00, PYR, BBY, .50, -, MGR, isolated blebs which form in quartz calcite veins.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

403.00, 492.00, CHL+, PEN, STRONG, RED_00001, VFG, -, black aphanitc rock

403.00, 492.00, HEM+, SEL, MOD, PNK2_BASIC, VFG, -, wisps of low angle alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

403.00, 492.00, FOL, MOD, 5.00, -, -, -, wavy foliation

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

480.00, 487.00, QtzCal, 30.00, 10.00, -, -, -, GRY_00025, 3.00, IRM, PYR, .50, irregular vuggy

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117995 | 403.0 | 404.5 | 1.5 | 0.006 | | | | |
| CAOND117996 | 404.5 | 406.0 | 1.5 | 0.015 | | | | |
| CAOND117997 | 406.0 | 407.5 | 1.5 | 0.083 | | | | |
| CAOND117998 | 407.5 | 409.0 | 1.5 | 0.093 | | | | |
| CAOND117999 | 409.0 | 410.5 | 1.5 | 0.052 | | | | |
| CAOND118001 | 410.5 | 412.0 | 1.5 | 0.032 | | | | |
| CAOND118002 | 412.0 | 413.5 | 1.5 | 0.024 | | | | |
| CAOND118003 | 413.5 | 415.0 | 1.5 | 0.026 | | | | |
| CAOND118004 | 415.0 | 416.5 | 1.5 | 0.020 | | | | |
| CAOND118005 | 416.5 | 418.0 | 1.5 | 0.019 | | | | |
| CAOND118006 | 418.0 | 419.5 | 1.5 | 0.032 | | | | |
| CAOND118007 | 419.5 | 421.0 | 1.5 | 0.021 | | | | |
| CAOND118008 | 421.0 | 422.5 | 1.5 | 0.007 | | | | |
| CAOND118009 | 422.5 | 424.0 | 1.5 | 0.010 | | | | |
| CAOND118010 | 424.0 | 425.5 | 1.5 | 0.013 | | | | |
| CAOND118011 | 425.5 | 427.0 | 1.5 | 0.012 | | | | |
| CAOND118012 | 427.0 | 428.5 | 1.5 | 0.011 | | | | |
| CAOND118013 | 428.5 | 430.0 | 1.5 | 0.029 | | | | |
| CAOND118014 | 430.0 | 431.5 | 1.5 | 0.028 | | | | |

**Hole number:** KLUC18-522

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118016 | 431.5 | 433.0 | 1.5 | 0.014 | | | | |
| CAOND118017 | 433.0 | 434.5 | 1.5 | 0.015 | | | | |
| CAOND118018 | 434.5 | 436.0 | 1.5 | 0.020 | | | | |
| CAOND118019 | 436.0 | 437.5 | 1.5 | 0.008 | | | | |
| CAOND118021 | 437.5 | 439.0 | 1.5 | 0.009 | | | | |
| CAOND118022 | 439.0 | 440.5 | 1.5 | 0.003 | | | | |
| CAOND118023 | 440.5 | 442.0 | 1.5 | 0.003 | | | | |
| CAOND118024 | 442.0 | 443.5 | 1.5 | 0.003 | | | | |
| CAOND118026 | 443.5 | 445.0 | 1.5 | 0.006 | | | | |
| CAOND118027 | 445.0 | 446.5 | 1.5 | 0.003 | | | | |
| CAOND118028 | 446.5 | 448.0 | 1.5 | 0.003 | | | | |
| CAOND118029 | 448.0 | 449.0 | 1.0 | 0.003 | | | | |
| CAOND118031 | 449.0 | 450.0 | 1.0 | 0.003 | | | | |
| CAOND118032 | 450.0 | 451.5 | 1.5 | 0.003 | | | | |
| CAOND118033 | 451.5 | 453.0 | 1.5 | 0.003 | | | | |
| CAOND118034 | 453.0 | 454.5 | 1.5 | 0.003 | | | | |
| CAOND118035 | 454.5 | 456.0 | 1.5 | 0.003 | | | | |
| CAOND118036 | 456.0 | 457.5 | 1.5 | 0.010 | | | | |
| CAOND118037 | 457.5 | 459.0 | 1.5 | 0.011 | | | | |
| CAOND118038 | 459.0 | 460.5 | 1.5 | 0.013 | | | | |
| CAOND118039 | 460.5 | 462.0 | 1.5 | 0.012 | | | | |
| CAOND118040 | 462.0 | 463.5 | 1.5 | 0.010 | | | | |
| CAOND118041 | 463.5 | 465.0 | 1.5 | 0.010 | | | | |
| CAOND118042 | 465.0 | 466.5 | 1.5 | 0.013 | | | | |
| CAOND118043 | 466.5 | 468.0 | 1.5 | 0.011 | | | | |
| CAOND118044 | 468.0 | 469.5 | 1.5 | 0.013 | | | | |
| CAOND118046 | 469.5 | 471.0 | 1.5 | 0.008 | | | | |
| CAOND118047 | 471.0 | 472.5 | 1.5 | 0.008 | | | | |
| CAOND118048 | 472.5 | 474.0 | 1.5 | 0.012 | | | | |
| CAOND118049 | 474.0 | 475.5 | 1.5 | 0.021 | | | | |
| CAOND118051 | 475.5 | 477.0 | 1.5 | 0.008 | | | | |
| CAOND118052 | 477.0 | 478.5 | 1.5 | 0.012 | | | | |
| CAOND118053 | 478.5 | 480.0 | 1.5 | 0.028 | | | | |

**Hole number:** KLUC18-522

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118054 | 480.0 | 481.5 | 1.5 | 0.015 | | | | |
| CAOND118055 | 481.5 | 483.0 | 1.5 | 0.006 | | | | |
| CAOND118056 | 483.0 | 484.5 | 1.5 | 0.324 | | | | |
| CAOND118057 | 484.5 | 486.0 | 1.5 | 0.003 | | | | |
| CAOND118058 | 486.0 | 487.0 | 1.0 | 0.003 | | | | |
| CAOND118059 | 487.0 | 488.5 | 1.5 | 0.005 | | | | |
| CAOND118061 | 488.5 | 490.0 | 1.5 | 0.003 | | | | |
| CAOND118062 | 490.0 | 491.0 | 1.0 | 0.005 | | | | |
| CAOND118063 | 491.0 | 492.0 | 1.0 | 0.008 | | | | |

**Geochemical sample**

| Sample | From | To | Ag gpt | Al2O3 Pct | Ba ppm | CaO Pct | Cu ppm | CO2 Pct | Cr ppm | Fe2O3 Pct | K2O Pct | LOI pct | MgO pct | MnO pct | Mo ppm | Na2O pct | Ni ppm | P2O5 pct |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Pb ppm | Rb ppm | SiO2 pct | Sr ppm | Tb ppm | Tm ppm | TiO2 pct | Tl ppm | Total pct | U ppm | V ppm | W ppm | Y ppm | Yb ppm | Zn ppm | Zr ppm |
| CAOND119001 | 431.4 | 431.5 | 0.3 | 12.80 | 3,010.00 | 8.86 | 76.00 | | 130.00 | 9.98 | 4.07 | 5.0 | 5.7 | 0.2 | 0.5 | 4.2 | 44.0 | 0.8 |
| | | | 17.0 | 238.0 | 43.9 | 1 200.0 | 1.44 | 0.40 | 0.9 | 5.00 | 96.8 | 2.7 | 287.0 | 1.0 | 32.0 | 2.2 | 114.0 | 194.0 |

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 42.0 | 45.0 | 97.00 | 100.00 | | | N | |
| 45.0 | 48.0 | 97.00 | 100.00 | | | N | |
| 48.0 | 51.0 | 73.00 | 100.00 | | | N | |
| 51.0 | 54.0 | 67.00 | 100.00 | | | N | |
| 54.0 | 57.0 | 83.00 | 100.00 | | | N | |
| 57.0 | 60.0 | 97.00 | 100.00 | | | N | |
| 60.0 | 63.0 | 98.00 | 100.00 | | | N | |
| 63.0 | 66.0 | 98.00 | 100.00 | | | N | |
| 66.0 | 69.0 | 98.00 | 100.00 | | | N | |
| 69.0 | 72.0 | 100.00 | 100.00 | | | N | |
| 72.0 | 75.0 | 100.00 | 100.00 | | | N | |
| 75.0 | 78.0 | 97.00 | 100.00 | | | N | |
| 78.0 | 81.0 | 98.00 | 100.00 | | | N | |
| 81.0 | 84.0 | 97.00 | 100.00 | | | N | |

**Hole number:** KLUC18-522

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 84.0 | 87.0 | 98.00 | 100.00 | | | N | |
| 87.0 | 90.0 | 95.00 | 100.00 | | | N | |
| 90.0 | 93.0 | 92.00 | 100.00 | | | N | |
| 93.0 | 96.0 | 98.00 | 100.00 | | | N | |
| 96.0 | 99.0 | 98.00 | 100.00 | | | N | |
| 99.0 | 102.0 | 97.00 | 100.00 | | | N | |
| 102.0 | 105.0 | 100.00 | 100.00 | | | N | |
| 105.0 | 108.0 | 100.00 | 100.00 | | | N | |
| 108.0 | 111.0 | 100.00 | 100.00 | | | N | |
| 111.0 | 114.0 | 97.00 | 100.00 | | | N | |
| 114.0 | 117.0 | 100.00 | 100.00 | | | N | |
| 117.0 | 120.0 | 95.00 | 100.00 | | | N | |
| 120.0 | 123.0 | 97.00 | 100.00 | | | N | |
| 123.0 | 126.0 | 97.00 | 100.00 | | | N | |
| 126.0 | 129.0 | 91.00 | 100.00 | | | N | |
| 129.0 | 132.0 | 97.00 | 100.00 | | | N | |
| 132.0 | 135.0 | 97.00 | 100.00 | | | N | |
| 135.0 | 138.0 | 97.00 | 100.00 | | | N | |
| 138.0 | 141.0 | 98.00 | 100.00 | | | N | |
| 141.0 | 144.0 | 95.00 | 100.00 | | | N | |
| 144.0 | 147.0 | 100.00 | 100.00 | | | N | |
| 147.0 | 150.0 | 98.00 | 100.00 | | | N | |
| 150.0 | 153.0 | 67.00 | 100.00 | | | N | |
| 153.0 | 156.0 | 93.00 | 100.00 | | | N | |
| 156.0 | 159.0 | 92.00 | 100.00 | | | N | |
| 159.0 | 162.0 | 98.00 | 100.00 | | | N | |
| 162.0 | 165.0 | 100.00 | 100.00 | | | N | |
| 165.0 | 168.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC18-522

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 168.0 | 171.0 | 97.00 | 100.00 | | | N | |
| 171.0 | 174.0 | 97.00 | 100.00 | | | N | |
| 174.0 | 177.0 | 95.00 | 100.00 | | | N | |
| 177.0 | 180.0 | 100.00 | 100.00 | | | N | |
| 180.0 | 183.0 | 90.00 | 100.00 | | | N | |
| 183.0 | 186.0 | 98.00 | 100.00 | | | N | |
| 186.0 | 189.0 | 77.00 | 100.00 | | | N | |
| 189.0 | 192.0 | 97.00 | 100.00 | | | N | |
| 192.0 | 195.0 | 100.00 | 100.00 | | | N | |
| 195.0 | 198.0 | 100.00 | 100.00 | | | N | |
| 198.0 | 201.0 | 98.00 | 100.00 | | | N | |
| 201.0 | 204.0 | 100.00 | 100.00 | | | N | |
| 204.0 | 207.0 | 90.00 | 100.00 | | | N | |
| 207.0 | 210.0 | 100.00 | 100.00 | | | N | |
| 210.0 | 213.0 | 100.00 | 100.00 | | | N | |
| 213.0 | 216.0 | 97.00 | 100.00 | | | N | |
| 216.0 | 219.0 | 98.00 | 100.00 | | | N | |
| 219.0 | 222.0 | 87.00 | 100.00 | | | N | |
| 222.0 | 225.0 | 100.00 | 100.00 | | | N | |
| 225.0 | 228.0 | 93.00 | 100.00 | | | N | |
| 228.0 | 231.0 | 100.00 | 100.00 | | | N | |
| 231.0 | 234.0 | 98.00 | 100.00 | | | N | |
| 234.0 | 237.0 | 97.00 | 100.00 | | | N | |
| 237.0 | 240.0 | 87.00 | 100.00 | | | N | |
| 240.0 | 243.0 | 100.00 | 100.00 | | | N | |
| 243.0 | 246.0 | 80.00 | 100.00 | | | N | |
| 246.0 | 249.0 | 100.00 | 100.00 | | | N | |
| 249.0 | 252.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC18-522

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 252.0 | 255.0 | 98.00 | 100.00 | | | N | |
| 255.0 | 258.0 | 93.00 | 100.00 | | | N | |
| 258.0 | 261.0 | 100.00 | 100.00 | | | N | |
| 261.0 | 264.0 | 100.00 | 100.00 | | | N | |
| 264.0 | 267.0 | 90.00 | 100.00 | | | N | |
| 267.0 | 270.0 | 100.00 | 100.00 | | | N | |
| 270.0 | 273.0 | 98.00 | 100.00 | | | N | |
| 273.0 | 276.0 | 100.00 | 100.00 | | | N | |
| 276.0 | 279.0 | 100.00 | 100.00 | | | N | |
| 279.0 | 282.0 | 100.00 | 100.00 | | | N | |
| 282.0 | 285.0 | 98.00 | 100.00 | | | N | |
| 285.0 | 288.0 | 100.00 | 100.00 | | | N | |
| 288.0 | 291.0 | 98.00 | 100.00 | | | N | |
| 291.0 | 294.0 | 100.00 | 100.00 | | | N | |
| 294.0 | 297.0 | 100.00 | 100.00 | | | N | |
| 297.0 | 300.0 | 98.00 | 100.00 | | | N | |
| 300.0 | 303.0 | 100.00 | 100.00 | | | N | |
| 303.0 | 306.0 | 98.00 | 100.00 | | | N | |
| 306.0 | 309.0 | 100.00 | 100.00 | | | N | |
| 309.0 | 312.0 | 100.00 | 100.00 | | | N | |
| 312.0 | 315.0 | 73.00 | 100.00 | | | N | |
| 315.0 | 318.0 | 70.00 | 100.00 | | | N | |
| 318.0 | 321.0 | 97.00 | 100.00 | | | N | |
| 321.0 | 324.0 | 90.00 | 100.00 | | | N | |
| 324.0 | 327.0 | 93.00 | 100.00 | | | N | |
| 327.0 | 330.0 | 97.00 | 100.00 | | | N | |
| 330.0 | 333.0 | 97.00 | 100.00 | | | N | |
| 333.0 | 336.0 | 93.00 | 100.00 | | | N | |

**Hole number:** KLUC18-522

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 336.0 | 339.0 | 87.00 | 100.00 | | | N | |
| 339.0 | 342.0 | 100.00 | 100.00 | | | N | |
| 342.0 | 345.0 | 98.00 | 100.00 | | | N | |
| 345.0 | 348.0 | 83.00 | 100.00 | | | N | |
| 348.0 | 351.0 | 97.00 | 100.00 | | | N | |
| 351.0 | 354.0 | 97.00 | 100.00 | | | N | |
| 354.0 | 357.0 | 98.00 | 100.00 | | | N | |
| 357.0 | 360.0 | 83.00 | 100.00 | | | N | |
| 360.0 | 363.0 | 83.00 | 100.00 | | | N | |
| 363.0 | 366.0 | 83.00 | 100.00 | | | N | |
| 366.0 | 369.0 | 83.00 | 100.00 | | | N | |
| 369.0 | 372.0 | 97.00 | 100.00 | | | N | |
| 372.0 | 375.0 | 93.00 | 100.00 | | | N | |
| 375.0 | 378.0 | 100.00 | 100.00 | | | N | |
| 378.0 | 381.0 | 93.00 | 100.00 | | | N | |
| 381.0 | 384.0 | 75.00 | 100.00 | | | N | |
| 384.0 | 387.0 | 95.00 | 100.00 | | | N | |
| 387.0 | 390.0 | 40.00 | 100.00 | | | N | |
| 390.0 | 393.0 | 57.00 | 100.00 | | | N | |
| 393.0 | 396.0 | 37.00 | 100.00 | | | N | |
| 396.0 | 399.0 | 37.00 | 100.00 | | | N | |
| 399.0 | 402.0 | 90.00 | 100.00 | | | N | |
| 402.0 | 405.0 | 98.00 | 100.00 | | | N | |
| 405.0 | 408.0 | 97.00 | 100.00 | | | N | |
| 408.0 | 411.0 | 70.00 | 100.00 | | | N | |
| 411.0 | 414.0 | 46.00 | 100.00 | | | N | |
| 414.0 | 417.0 | 73.00 | 100.00 | | | N | |
| 417.0 | 420.0 | 83.00 | 100.00 | | | N | |

**Hole number:** KLUC18-522

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 420.0 | 423.0 | 70.00 | 100.00 | | | N | |
| 423.0 | 426.0 | 27.00 | 100.00 | | | N | |
| 426.0 | 429.0 | 47.00 | 100.00 | | | N | |
| 429.0 | 432.0 | 60.00 | 100.00 | | | N | |
| 432.0 | 435.0 | 97.00 | 100.00 | | | N | |
| 435.0 | 438.0 | 97.00 | 100.00 | | | N | |
| 438.0 | 441.0 | 67.00 | 100.00 | | | N | |
| 441.0 | 444.0 | 80.00 | 100.00 | | | N | |
| 444.0 | 447.0 | 60.00 | 100.00 | | | N | |
| 447.0 | 450.0 | 40.00 | 100.00 | | | N | |
| 450.0 | 453.0 | 83.00 | 100.00 | | | N | |
| 453.0 | 456.0 | 100.00 | 100.00 | | | N | |
| 456.0 | 459.0 | 100.00 | 100.00 | | | N | |
| 459.0 | 462.0 | 100.00 | 100.00 | | | N | |
| 462.0 | 465.0 | 93.00 | 100.00 | | | N | |
| 465.0 | 468.0 | 87.00 | 100.00 | | | N | |
| 468.0 | 471.0 | 80.00 | 100.00 | | | N | |
| 471.0 | 474.0 | 90.00 | 100.00 | | | N | |
| 474.0 | 477.0 | 100.00 | 100.00 | | | N | |
| 477.0 | 480.0 | 100.00 | 100.00 | | | N | |
| 480.0 | 483.0 | 97.00 | 100.00 | | | N | |
| 483.0 | 486.0 | 98.00 | 100.00 | | | N | |
| 486.0 | 489.0 | 98.00 | 100.00 | | | N | |
| 489.0 | 492.0 | 98.00 | 100.00 | | | N | |

**Hole number:** KLUC18-522

AGNICO EAGLE

# DRILL HOLE REPORT

## EXPLORATION CANADA ONTARIO

**Hole number:** KLUC18-523 **Project Number:** U_Canada **Project name:** Upper Canada

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Historic hole number:** | | **Collar survey:** | Y | **From:** | 0.0 | **Coordinates:** | P |
| **System:** | METRIC | **Verified:** | N | **To:** | 506.5 | **Grid:** | UTM83-17_CSRS-2010: |
| **Target:** | UC_Q_ZONE | **Gas:** | N | **Depth:** | 506.5 | **North:** | 5,332,629.29 |
| **No. Claim:** | PAT-18793 | **Multishot survey:** | Y | **Location:** | Surface | **East:** | 587,961.54 |
| **Year:** | 2 018 | **Is making water:** | N | **Core storage:** | Exploration Camp | **Elevation:** | 330.78 |
| **Date started:** | 2018-12-11 | **Object in hole:** | N | **Contractor:** | Asinii Drilling | **Collar dip:** | -54.24 |
| **Date logged:** | 2019-01-09 | **Pulse EM survey:** | N | **Logged by:** | Melanie Bouchard | **Collar azimuth:** | 344.94 |
| **Date completed:** | 2018-12-16 | **Plugged:** | N | **Signature:** | Mélanie Bouchard | | |
| **Core size:** | NQ | **Cemented:** | N | | | | |
| **Hole type:** | EXP | **Branch:** | N | | M.Oosterman | | |
| **Casing:** | Left in Hole | **Reserve:** | N | | | | |
| **Logging status:** | Signed | | | | | | |
| **Rig number:** | 2501 | | | | | | |

**Additionnal sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Proposed hole: UCP18-052 (HMQ-2). New and improved Asinii II drill Rig: 2501. Targeting: MQ zones. Hole intercepted a void (likely stope) between 388.7-302.7m. E.O.H was 506.5m, the bit was done and we could not pull the rods to change it because we would risk loosing the hole when attempting to find the opening on the other side of the void.

**Assay average**

| Average type | From | To | Length | Width | Zone | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Pb_ppm | Ni_ppm | As_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WEIGHTED | 392.7 | 399.5 | 6.8 | | UB_Q | 2.514 | | | | | | |
| WEIGHTED | 471.0 | 472.5 | 1.5 | | | 2.790 | | | | | | |
| WEIGHTED | 486.0 | 487.5 | 1.5 | | | 2.100 | | | | | | |

**Survey data**

| Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments | Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 344.94 | -54.24 | S | O | Surveyed collar | 0.0 | 344.16 | -55.47 | G | | North Seaker Gyro |
| 10.0 | 343.10 | -55.12 | G | O | North Seaker Gyro | 12.0 | 347.30 | -55.00 | EZ | | Mag 54924 |
| 20.0 | 342.26 | -54.54 | G | O | North Seaker Gyro | 30.0 | 341.66 | -54.03 | G | O | North Seaker Gyro |
| 40.0 | 341.35 | -53.65 | G | O | North Seaker Gyro | 42.0 | 346.70 | -53.50 | EZ | | Mag 53658 |
| 50.0 | 340.85 | -53.32 | G | O | North Seaker Gyro | 60.0 | 340.28 | -53.06 | G | O | North Seaker Gyro |
| 70.0 | 339.82 | -52.64 | G | O | North Seaker Gyro | 72.0 | 346.40 | -52.70 | EZ | | Mag 53922 |
| 80.0 | 339.48 | -52.49 | G | O | North Seaker Gyro | 90.0 | 339.43 | -52.52 | G | O | North Seaker Gyro |
| 100.0 | 339.16 | -52.39 | G | O | North Seaker Gyro | 102.0 | 346.40 | -52.00 | EZ | | Mag 54260 |

## Hole number: KLUC18-523

**Survey data**

| Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 110.0 | 338.79 | -52.26 | G | O | North Seaker Gyro |
| 130.0 | 337.73 | -51.68 | G | O | North Seaker Gyro |
| 140.0 | 337.40 | -51.49 | G | O | North Seaker Gyro |
| 160.0 | 336.93 | -51.06 | G | O | North Seaker Gyro |
| 170.0 | 336.54 | -50.80 | G | O | North Seaker Gyro |
| 190.0 | 335.98 | -50.18 | G | O | North Seaker Gyro |
| 200.0 | 335.84 | -50.02 | G | O | North Seaker Gyro |
| 220.0 | 335.47 | -49.60 | G | O | North Seaker Gyro |
| 230.0 | 335.16 | -49.39 | G | O | North Seaker Gyro |
| 250.0 | 334.72 | -48.96 | G | O | North Seaker Gyro |
| 260.0 | 334.49 | -48.77 | G | O | North Seaker Gyro |
| 280.0 | 334.14 | -48.40 | G | O | North Seaker Gyro |
| 290.0 | 333.96 | -48.26 | G | O | North Seaker Gyro |
| 310.0 | 333.35 | -47.57 | G | O | North Seaker Gyro |
| 320.0 | 333.05 | -46.86 | G | O | North Seaker Gyro |
| 340.0 | 332.82 | -46.49 | G | O | North Seaker Gyro |
| 350.0 | 332.54 | -46.41 | G | O | North Seaker Gyro |
| 370.0 | 332.03 | -45.98 | G | O | North Seaker Gyro |
| 380.0 | 331.80 | -45.57 | G | O | North Seaker Gyro |
| 400.0 | 331.85 | -46.59 | G | O | North Seaker Gyro |
| 410.0 | 331.81 | -46.40 | G | O | North Seaker Gyro |
| 430.0 | 331.86 | -46.25 | G | O | North Seaker Gyro |
| 440.0 | 331.76 | -46.14 | G | O | North Seaker Gyro |
| 460.0 | 331.88 | -45.90 | G | O | North Seaker Gyro |
| 470.0 | 331.91 | -45.80 | G | O | North Seaker Gyro |
| 492.0 | 338.00 | -45.20 | EZ | D | Mag 54395 |

| Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 120.0 | 338.11 | -52.03 | G | O | North Seaker Gyro |
| 132.0 | 343.90 | -51.50 | EZ | | Mag 54324 |
| 150.0 | 337.23 | -51.27 | G | O | North Seaker Gyro |
| 162.0 | 342.80 | -51.10 | EZ | | Mag 54248 |
| 180.0 | 336.24 | -50.54 | G | O | North Seaker Gyro |
| 192.0 | 341.20 | -49.90 | EZ | | Mag 54233 |
| 210.0 | 335.55 | -49.88 | G | O | North Seaker Gyro |
| 222.0 | 340.10 | -49.30 | EZ | | Mag 54088 |
| 240.0 | 335.05 | -49.24 | G | O | North Seaker Gyro |
| 252.0 | 339.00 | -48.60 | EZ | | Mag 54746 |
| 270.0 | 334.34 | -48.55 | G | O | North Seaker Gyro |
| 282.0 | 338.60 | -48.10 | EZ | | Mag 54352 |
| 300.0 | 333.79 | -48.08 | G | O | North Seaker Gyro |
| 312.0 | 339.60 | -47.20 | EZ | | Mag 54226 |
| 330.0 | 332.98 | -46.62 | G | O | North Seaker Gyro |
| 342.0 | 294.60 | -45.70 | EZ | | Mag 24769 |
| 360.0 | 332.32 | -46.24 | G | O | North Seaker Gyro |
| 372.0 | 338.90 | -45.60 | EZ | | Mag 54340 |
| 390.0 | 331.83 | -46.28 | G | O | North Seaker Gyro |
| 402.0 | 339.00 | -46.30 | EZ | | Mag. 54359 |
| 420.0 | 331.77 | -46.34 | G | O | North Seaker Gyro |
| 432.0 | 338.40 | -45.90 | EZ | | Mag 53920 |
| 450.0 | 331.78 | -46.04 | G | O | North Seaker Gyro |
| 462.0 | 336.00 | -45.50 | EZ | | Mag 54202 |
| 480.0 | 331.92 | -45.67 | G | O | North Seaker Gyro |

| Certificate |
|---|
| TM18322526 |
| TM18322539 |
| TM18324988 |
| TM19006885 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505D18-022 | Excaon1 | CAOND116904 - CAOND117000<br>CAOND117077 - CAOND117239<br>CAOND117501 - CAOND117589<br>CAOND117591 - CAOND117600<br>CAOND117640 - CAOND117700 |

| Sample number | Standard |
|---|---|
| CAOND117160 | CDN-CM-24-AEM |
| CAOND117170 | BLANK-DB |
| CAOND117175 | CDN-GS-5U-AEM |
| CAOND117190 | CDN-CM-28-AEM |

## Hole number: KLUC18-523

| Certificate |
|---|
| TM19006887 |
| TM19010635 |
| TM19010641 |
| TM19010646 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND117726 - CAOND117729<br>CAOND117731 - CAOND117743<br>CAOND117751 - CAOND117816 |
| CXE5505D18-023 | Excaon1 | CAOND117240 - CAOND117277<br>CAOND117601 - CAOND117639<br>CAOND117701 - CAOND117725<br>CAOND117744 - CAOND117750<br>CAOND117817 - CAOND117886 |
| CXE5505D18-024 | Excaon1 | CAOND117278 - CAOND117377<br>CAOND117887 - CAOND117904 |
| CXE5505D18-025 | Excaon1 | CAOND117378 - CAOND117384<br>CAOND117386 - CAOND117500<br>CAOND117905 - CAOND118017<br>CAOND118064 - CAOND118153<br>CAOND118501 - CAOND118567 |
| CXE5505D18WRA-010 | Excaon2-WRA | CAOND116988<br>CAOND117157<br>CAOND117197<br>CAOND117567<br>CAOND117652<br>CAOND117802 |
| CXE5505D18WRA-016 | Excaon2-WRA | CAOND117288 |
| CXE5505D18WRA-017 | Excaon2-WRA | CAOND117385<br>CAOND117411<br>CAOND119001 - CAOND119004 |

*The sample list may content samples from other holes

| Sample number | Standard |
|---|---|
| CAOND117215 | CDN-CM-28-AEM |
| CAOND117220 | BLANK-DB |
| CAOND117230 | CDN-GS-5U-AEM |
| CAOND117245 | CDN-CM-28-AEM |
| CAOND117260 | CDN-CM-24-AEM |
| CAOND117270 | BLANK-DB |
| CAOND117275 | CDN-GS-5U-AEM |
| CAOND117290 | CDN-CM-28-AEM |
| CAOND117315 | CDN-CM-24-AEM |
| CAOND117320 | BLANK-DB |
| CAOND117330 | CDN-GS-5U-AEM |
| CAOND117345 | CDN-CM-28-AEM |
| CAOND117360 | CDN-CM-24-AEM |
| CAOND117370 | BLANK-DB |
| CAOND117375 | CDN-GS-5U-AEM |
| CAOND117390 | CDN-CM-28-AEM |
| CAOND117415 | CDN-CM-24-AEM |
| CAOND117420 | BLANK-DB |
| CAOND117430 | CDN-GS-5U-AEM |
| CAOND117445 | CDN-CM-28-AEM |
| CAOND117460 | CDN-CM-24-AEM |
| CAOND117470 | BLANK-DB |
| CAOND117475 | CDN-GS-5U-AEM |
| CAOND117490 | CDN-CM-28-AEM |
| CAOND118515 | CDN-CM-24-AEM |
| CAOND118520 | BLANK-DB |
| CAOND118530 | CDN-GS-5U-AEM |
| CAOND118545 | CDN-CM-28-AEM |
| CAOND118560 | CDN-CM-24-AEM |

**Major:** **From:** 388.70 **To:** 392.70 MO, Mined Out

4m thick mined out void

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| KLUC18-523-002 | 388.7 | 392.7 | 4.0 | | | | | |

**Major:** **From:** 45.70 **To:** 74.10 M1s, Sericite Schist

Composition: Various shades of yellows and buff, medium grey and dark green; strongly sheared and altered; sedimentary protolith? M1s - Sericite schist. Magnetism: Non magnetic, moderate gradually

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117192 | 45.7 | 47.0 | 1.3 | 0.010 | | | | |

**Hole number:** KLUC18-523

changing to non magnetic at upper contact zone. Veinning: <1% mm scale qtz-carb veinning cross cutting deformation. Structure: Strong shearing and strong preferential alignment at 40-50 TCA. Local mm scale displacement along microfractures. Alteration: Strong pervasive carbonate alteration (Ank?), strong to locally intense patchy Se alteration, strong patchy chlorite alteration. Mineralization: Rare to trace very fine grained disseminated and clustered PY mineralization. Minor interval 15cm thick of semi-massive lenses of PY mineralization parallel to deformation. Lower Contact: Gradational

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

53.60, 53.70, PYR, SMA, 15.00, -, -, 15cm thick intervals of semi-massive lenses of PY mineralization parallel to deformation

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

45.70, 52.00, CHL+, PAT, STRONG, -, -, -, Strong patchy and stringers of chlorite alteration
45.70, 52.00, SER+, PAT, STRONG, -, -, -, Strong patchy and stringers of sericite alteration
45.70, 74.10, CBT+, PEN, STRONG, -, -, -, Strong pervasive carbonate (Ank?) alteration
52.00, 74.10, SER+, PEN, STRONG, -, -, -, Intense pervasive to patchy sericite alteration (bright yellow and yellowish buff colour)

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

45.70, 74.10, FOL, STRONG, 50.00, -, -, -, Strong preferential alignment at 50 TCA
45.70, 74.10, SHR, STRONG, 50.00, -, -, -, Strong shearing, mm scale tight folding and displacement along microfractures

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

65.00, 65.10, QtzCbt, 25.00, -, -, -, -, -, -, -, PYR, .50, 5cm thick interval of strongly deformed qtz-carb veinning with 0.5% fgr. PY
73.10, 73.20, QtzCbt, 90.00, -, -, -, -, -, -, -, -, -, 5cm thick white qtz-carb vein trending parallel to deformation but contatcs are brecciated and fractured into host rock

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117193 | 47.0 | 48.5 | 1.5 | 0.132 | | | | |
| CAOND117194 | 48.5 | 50.0 | 1.5 | 0.009 | | | | |
| CAOND117195 | 50.0 | 51.0 | 1.0 | 0.015 | | | | |
| CAOND117196 | 51.0 | 52.0 | 1.0 | 0.007 | | | | |
| CAOND117197 | 52.0 | 53.0 | 1.0 | 0.005 | 0.250 | 117 | 91 | |
| CAOND117198 | 53.0 | 54.5 | 1.5 | 0.032 | | | | |
| CAOND117199 | 54.5 | 56.0 | 1.5 | 0.005 | | | | |
| CAOND117201 | 56.0 | 57.5 | 1.5 | 0.008 | | | | |
| CAOND117202 | 57.5 | 59.0 | 1.5 | 0.003 | | | | |
| CAOND117203 | 59.0 | 60.5 | 1.5 | 0.006 | | | | |
| CAOND117204 | 60.5 | 62.0 | 1.5 | 0.003 | | | | |
| CAOND117205 | 62.0 | 63.5 | 1.5 | 0.003 | | | | |
| CAOND117206 | 63.5 | 64.5 | 1.0 | 0.006 | | | | |
| CAOND117207 | 64.5 | 65.5 | 1.0 | 0.020 | | | | |
| CAOND117208 | 65.5 | 67.0 | 1.5 | 0.014 | | | | |
| CAOND117209 | 67.0 | 68.5 | 1.5 | 0.003 | | | | |
| CAOND117210 | 68.5 | 70.0 | 1.5 | 0.005 | | | | |
| CAOND117211 | 70.0 | 71.5 | 1.5 | 0.003 | | | | |
| CAOND117212 | 71.5 | 73.0 | 1.5 | 0.003 | | | | |
| CAOND117213 | 73.0 | 74.1 | 1.1 | 0.005 | | | | |

**Major:** **From:** 74.10 **To:** 110.00 S6A, Siltstone

Composition: Medium grey with bands of yellowish brown, brown and black. Carbonate and sericite rich sediment with minor argillite?? S6A - Silstone. Magnetism: Non magnetic. Veinning: 5% deformed pale grey and white qtz-carb veinning parallel to deformation. Structure: Strong shearing parallel at 50 TCA with local mm scale chaotic folding and slump folds? 89-92m = 3m thick interval containning multiple fault gouge and mud and strong fracturing. Alteration: Strong patchy brownish coloured Se alteration, strong pervasive carbonate alteration. Mineralization: Rare disseminated Py mineralization with minor clusters containning up to 1% fine grained PY. Lower Contact: Sharp Minor units: 95.2-96m = core not recovered, sand seam??

**MINOR INTERVAL**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117214 | 74.1 | 75.5 | 1.4 | 0.029 | | | | |
| CAOND117216 | 75.5 | 77.0 | 1.5 | 0.019 | | | | |
| CAOND117217 | 77.0 | 78.5 | 1.5 | 0.041 | | | | |
| CAOND117218 | 78.5 | 80.0 | 1.5 | 0.010 | | | | |
| CAOND117219 | 80.0 | 81.5 | 1.5 | 0.009 | | | | |
| CAOND117221 | 81.5 | 83.0 | 1.5 | 0.003 | | | | |
| CAOND117222 | 83.0 | 84.5 | 1.5 | 0.003 | | | | |

**Hole number:** KLUC18-523

95.20 - 96.00: CNR80cm thick interval of core not recovered. Drills mentioned a sand seam? in daily report

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

92.40, 92.50, PYR, DIS, 5.00, -, -, 5% fine and medium grained blebby Py clustered in margins of a qtz-carb vein

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

74.10, 93.00, CBT+, PEN, STRONG, -, -, -, Strong pervasive carbonate (Ank?) alteration
74.10, 93.00, CBT+, PEN, STRONG, -, -, -, Strong pervasive carbonate alteration
74.10, 93.00, SER+, PAT, STRONG, -, -, -, Strong brownish colour patchy and banded sericite alteration
93.00, 110.00, CBT+, PEN, MOD, -, -, -, Moderate patchy to carbonate alteration
93.00, 110.00, SER+, PAT, WEAK, -, -, -, Weak to locally moderate patchy sericite alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

74.10, 110.00, FOL, STRONG, 50.00, -, -, -, Strong preferential alignment at 50 TCA
74.10, 110.00, SHR, STRONG, 50.00, -, -, -, Strong shearing with preferential alignment at 50 TCA, local mm scale chaotic folding
89.00, 92.00, FAL, STRONG, -, -, -, -, Possible fault zone
89.00, 92.00, FGO, STRONG, -, -, -, -, Multiple intervals of fault gouge, fault mud
89.00, 92.00, FRA, STRONG, -, -, -, -, Strong fracturing dominantly parallel to foliation pplanes
92.00, 96.00, FRA, MOD, -, -, -, -, Moderate fracturing with a 10cm thick interval that is strongly fractured

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

75.00, 81.00, QtzCbt, 5.00, -, -, -, -, -, -, -, PYR, .50, 5% clustered and deformed qtz-carb veinning occuring in 5-10cm thick intervals. Dominantly parallel to deformation and contains 0.1-0.5% fgr. diss. PY
87.00, 89.00, QtzCbt, 10.00, -, -, -, -, -, -, -, -, -, 10% deformed qtz-carb veinning 1-3cm thick. Dominantly parallel to deformation and contain rare diss. Py
91.00, 93.00, QtzCbt, 5.00, -, -, -, -, -, -, -, PYR, 5.00, 5% white and medium grey qtz-carb veinning chaotic and deformed occuring over 5 and 20cm thick interval. 5% fine grained Py mineralization clustered in veins
108.00, 110.00, QtzCbt, 10.00, -, -, -, -, -, -, -, -, -, 10% 5cm thick qtz-carb veinning parallel to slightly crosscutting deformation

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117223 | 84.5 | 86.0 | 1.5 | 0.008 | | | | |
| CAOND117224 | 86.0 | 87.4 | 1.4 | 0.003 | | | | |
| CAOND117226 | 87.4 | 88.5 | 1.1 | 0.007 | | | | |
| CAOND117227 | 88.5 | 90.0 | 1.5 | 0.005 | | | | |
| CAOND117228 | 90.0 | 91.5 | 1.5 | 0.005 | | | | |
| CAOND117229 | 91.5 | 93.0 | 1.5 | 0.031 | | | | |
| CAOND117231 | 93.0 | 94.5 | 1.5 | 0.003 | | | | |
| CAOND117232 | 94.5 | 95.2 | 0.7 | 0.003 | | | | |
| KLUC18-523-001 | 95.2 | 96.0 | 0.8 | | | | | |
| CAOND117233 | 96.0 | 97.5 | 1.5 | 0.003 | | | | |
| CAOND117234 | 97.5 | 99.0 | 1.5 | 0.005 | | | | |
| CAOND117235 | 99.0 | 100.5 | 1.5 | 0.003 | | | | |
| CAOND117236 | 100.5 | 102.0 | 1.5 | 0.008 | | | | |
| CAOND117237 | 102.0 | 103.5 | 1.5 | 0.005 | | | | |
| CAOND117238 | 103.5 | 105.0 | 1.5 | 0.003 | | | | |
| CAOND117239 | 105.0 | 106.5 | 1.5 | 0.003 | | | | |
| CAOND117240 | 106.5 | 108.0 | 1.5 | 0.003 | | | | |
| CAOND117241 | 108.0 | 109.0 | 1.0 | 0.003 | | | | |
| CAOND117242 | 109.0 | 110.0 | 1.0 | 0.005 | | | | |

**Major:** **From:** 110.00 **To:** 126.50 M1s, Sericite Schist

Composition: Medium grey and yellow to yellowish buff, possibly sedimentary protolith but now

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117243 | 110.0 | 111.5 | 1.5 | 0.003 | | | | |

**Hole number:** KLUC18-523

dominated by carboante and sericite. M1s - Sercite schist. Magnetism: Non magnetic. Veinning: 1-2% qtz-carb veinning 1-2cm thick and parallel to deformation. Structure: Strong shearing parallel at 40 TCA Alteration: Strong pervasive carbonate alteration and strong partchy to locally pervasive sericite alteration. Trace stringers of moderate Fu alteration. Mineralization: Trace disseminated Py mineralization with local clusters paralell to deformation <1cm thick. Lower Contact: Gradational over 2m. Contact zone begins where textures change and lapilli clasts become visible. The M1s becomes less dominated with carbonate and the sericite gradually diminishes.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

110.00, 126.50, CBT+, PEN, STRONG, -, -, -, Strong pervasive carboante alteration
110.00, 126.50, FUC+, STG, WEAK, -, -, -, Minor mm scale spots and stringers of weak Fu alteration
110.00, 126.50, SER+, PAT, STRONG, -, -, -, Strong yellow to yellowish buff sericite alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

110.00, 126.50, FOL, STRONG, 40.00, -, -, -, Strong foliation oriented at 40 TCA
110.00, 126.50, SHR, STRONG, 40.00, -, -, -, Strong shearing parallel at 40 TCA

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

112.50, 113.50, QtzCbt, 10.00, -, -, -, -, -, -, -, -, -, 10% 2-3cm thick qtz-carb veinning parallel to deformation
122.00, 126.00, QtzCbt, 5.00, -, -, -, -, -, -, -, -, -, 5% white and pale grey qtz-carb veinning 2-3cm thick. Oriented parallel to deformation

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117244 | 111.5 | 113.0 | 1.5 | 0.012 | | | | |
| CAOND117246 | 113.0 | 114.5 | 1.5 | 0.003 | | | | |
| CAOND117247 | 114.5 | 116.0 | 1.5 | 0.006 | | | | |
| CAOND117248 | 116.0 | 117.5 | 1.5 | 0.032 | | | | |
| CAOND117249 | 117.5 | 119.0 | 1.5 | 0.039 | | | | |
| CAOND117251 | 119.0 | 120.5 | 1.5 | 0.070 | | | | |
| CAOND117252 | 120.5 | 122.0 | 1.5 | 0.021 | | | | |
| CAOND117253 | 122.0 | 123.5 | 1.5 | 0.008 | | | | |
| CAOND117254 | 123.5 | 125.0 | 1.5 | 0.023 | | | | |
| CAOND117255 | 125.0 | 126.5 | 1.5 | 0.012 | | | | |

**Major:** **From:** 126.50 **To:** 128.50 CTZ, Contact Zone

2m thick gradational contact zone between a sericite schist (sediment) and trachyte mafic tuff lapilli. Sercite alteration remains strong and pervasive in this interval making the exact location of the contact difficult to pinpoint. The sercite also changed from a gold yellow coloured mm scale stringers to a pale greenish yellow pervasive colour. The pervasive medium grey carbonate is no longer present and the core remains non-magnetic. There is a gradational change in textures and increase in grain size that is more typical of trachyte lapilli. Deformation and preferential alignment remains strong throughout.

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

126.50, 128.50, FOL, STRONG, 40.00, -, -, -, Strong preferential alignment at 40 TCA
126.50, 128.50, SHR, MOD, 40.00, -, -, -, Moderate shearing and strong deformation

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117256 | 126.5 | 127.5 | 1.0 | 0.007 | | | | |
| CAOND117257 | 127.5 | 128.5 | 1.0 | 0.453 | | | | |

**Major:** **From:** 128.50 **To:** 147.70 V8mtl, Trachyte mafic tuff lapilli

Composition: Dark green and dark grey with medium pink and beige patches Magnetism: Moderate magnetism. Veinning: 1-2% chaotic qtz-carb veinning. Structure: Strong deformation with preferential alignment at 40-50 TCA Alteration: Moderate to strong spotted calcite alteration. Mineralization: Trace very fine grained Py mineralization. Lower Contact: Gradational, contact placed where lapilli

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117258 | 128.5 | 130.0 | 1.5 | 0.003 | | | | |
| CAOND117259 | 130.0 | 131.5 | 1.5 | 0.003 | | | | |
| CAOND117261 | 131.5 | 133.0 | 1.5 | 0.006 | | | | |

**Hole number:** KLUC18-523

abundance is significantly decreased.

**MINOR INTERVAL**

140.90 - 141.00: I2D10cm thick intervals of medium red syenite intrusion with 5% irregular qtz-carb veinning <1cm thick

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

128.50, 132.00, CBT+, PAT, MOD, -, -, -, Moderate patchy dolomite alteration
132.00, 140.00, CAL+, SPO, MOD, -, -, -, Moderate to strong spotted calcite alteration
140.00, 147.70, CBT+, SPO, MOD, -, -, -, Moderate spotted carbonate alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

128.50, 147.70, DFZ, MOD, 40.00, -, -, -, Strong deformation with minor chaotic intervals
128.50, 147.70, FOL, STRONG, 40.00, -, -, -, Strong preferential alignment oriented at 40 TCA
135.00, 147.70, FRA, WEAK, -, -, -, -, WEak fracturing occuring in intervals 20-50cm thick into 5-10cm thick pieces

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117262 | 133.0 | 134.5 | 1.5 | 0.043 | | | | |
| CAOND117263 | 134.5 | 136.0 | 1.5 | 0.176 | | | | |
| CAOND117264 | 136.0 | 137.5 | 1.5 | 0.065 | | | | |
| CAOND117265 | 137.5 | 139.0 | 1.5 | 0.003 | | | | |
| CAOND117266 | 139.0 | 140.5 | 1.5 | 0.003 | | | | |
| CAOND117267 | 140.5 | 142.0 | 1.5 | 0.204 | | | | |
| CAOND117268 | 142.0 | 143.5 | 1.5 | 0.123 | | | | |
| CAOND117269 | 143.5 | 145.0 | 1.5 | 0.008 | | | | |
| CAOND117271 | 145.0 | 146.5 | 1.5 | 0.014 | | | | |
| CAOND117272 | 146.5 | 147.7 | 1.2 | 0.009 | | | | |

**Major:** **From:** 147.70 **To:** 265.20 V8mt, Trachyte mafic tuff

Composition: Dark grey dominantly very fine to fine grained with minor intervals containning lapilli clasts; V8mt - Trachyte mafic tuff Magnetism: Moderately magnetic. Veinning: 15% chaotic and irregular qtz-carb veinning occuring over a 2m interval. Structure: Moderate deformation and moderate preferential alignment. Alteration: Weak to moderate pervasive chlorite alteration and moderate spotted calcite alteration. Mineralization: Rare to trace very fine grained PY mineralization. Lower Contact: Sharp but wavy, trending at 80 TCA Minor units: 157-164m = trachyte mafic tuff lapilli *195-198m = contains 20-30%, 1-2mm sized euhedral and subhedral dak green mineral equally distributed throughout. **208-222m = contains irregular patches, lenses and blebs of alteration? deformed veinning? with possible minor lapilli clasts. ***236.5-265.3m = also contains minor random intervals of similar patches, lenses and blebs of alteration? With porphyrobalsts? of calcite and locally feldspars?

**MINOR INTERVAL**

157.00 - 164.00: V8mtlMinor interval with an increase in lapilli clasts and slightly different textures and colours from intervals above and bellow. 2-3cm thick patches of dark purplish and medium pink and creamy white clasts. Deformation remains moderate, but more chaotic in this interval. 10% chaotic qtz-carb veinning. Contacts are gradational.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

218.00, 219.00, PYR, DIS, 5.00, -, -, 5% very fine grained disseminated PY mineralization occuring throughout an altered intervals with chaotic mm scale veinning
249.00, 249.50, PYR, DIS, 1.00, -, -, 1% fine and medium grained Py disseminated in Kspar altered interval

**ALTERATION**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117273 | 147.7 | 149.0 | 1.3 | 0.009 | | | | |
| CAOND117274 | 149.0 | 150.5 | 1.5 | 0.019 | | | | |
| CAOND117276 | 150.5 | 152.0 | 1.5 | 0.014 | | | | |
| CAOND117277 | 152.0 | 153.5 | 1.5 | 0.034 | | | | |
| CAOND117278 | 153.5 | 155.0 | 1.5 | 0.011 | | | | |
| CAOND117279 | 155.0 | 156.5 | 1.5 | 0.013 | | | | |
| CAOND117281 | 156.5 | 158.0 | 1.5 | 0.030 | | | | |
| CAOND117282 | 158.0 | 159.4 | 1.4 | 0.005 | | | | |
| CAOND117283 | 159.4 | 160.4 | 1.0 | 0.005 | | | | |
| CAOND117284 | 160.4 | 161.4 | 1.0 | 0.003 | | | | |
| CAOND117285 | 161.4 | 162.5 | 1.1 | 0.012 | | | | |
| CAOND117286 | 162.5 | 164.0 | 1.5 | 0.018 | | | | |
| CAOND117287 | 164.0 | 165.5 | 1.5 | 0.007 | | | | |
| CAOND117288 | 165.5 | 167.0 | 1.5 | 0.003 | 0.250 | 100 | 107 | |
| CAOND117289 | 167.0 | 168.5 | 1.5 | 0.003 | | | | |
| CAOND117291 | 168.5 | 170.0 | 1.5 | 0.010 | | | | |
| CAOND117292 | 170.0 | 171.5 | 1.5 | 0.006 | | | | |
| CAOND117293 | 171.5 | 173.0 | 1.5 | 0.003 | | | | |
| CAOND117294 | 173.0 | 174.5 | 1.5 | 0.005 | | | | |

**Hole number:** KLUC18-523

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
147.70, 261.50, CAL+, SPO, MOD, -, -, -, Moderate spotted white calcite alteration
147.70, 261.50, CHL+, PEN, WEAK, -, -, -, Weak to moderate pervasive chl alteration
242.00, 249.50, KFS+, PAT, MOD, -, -, -, Moderate patchy kspar alteration occuring in random patches thorughout and in margins of veins
261.50, 265.20, CBT+, PAT, MOD, -, -, -, Moderate patchy carbonate alteration
261.50, 265.20, KFS+, PAT, MOD, -, -, -, Moderate patchy kspar alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
147.70, 265.20, DFZ, MOD, 40.00, -, -, -, Moderate deformation oriented at 40 TCA
147.70, 265.20, FOL, MOD, 40.00, -, -, -, Moderate foliation at 40 TCA
150.00, 152.00, FRA, MOD, -, -, -, -, Moderate fractured core into 1-5cm thick angular pieces
171.00, 171.50, FRA, MOD, -, -, -, -, Moderate fracturing into 1-2cm thick angular pieces

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
159.40, 161.40, QtzCbt, 10.00, -, -, -, -, -, -, -, -, -, 10-15% chaotic and irregular qtz-carb veinning occuring in 3 clusters 20cm thick.
181.70, 184.20, QtzCbt, 60.00, -, -, -, -, -, -, -, PYR, .50, 60% chaotic network of qtz-carb veinning with mino kspar. Vein thickness and orientation is variable and dominantly crosscutting deformation. Kspar alteration locally in margins. Trace PY mineralization occuring in some veins
185.00, 185.40, QtzCbt, 15.00, -, -, -, -, -, -, -, -, -, 15% chaotic and irregular qtz-carb veinning crosscutting deformation
186.20, 186.40, QtzCbt, 15.00, -, -, -, -, -, -, -, -, -, 15% chaotic blob of qtz-carb vein
209.10, 209.90, QtzCbt, 75.00, -, -, -, -, -, -, -, -, -, 75% qtz-carb veinning with minor kspar and spotted tourmaline. Chaotic irregular and patchy veinning. Moderate kspar alteration in margins
211.60, 215.40, QtzCbt, 5.00, -, -, -, -, -, -, -, -, -, 5% irregular, disconutinuous and chaotic qtz-carb veinning wit trace kspar.
218.00, 219.70, QtzCbt, 10.00, -, -, -, -, -, -, -, PYR, 5.00, 10% irregular, chaotic and discontinuous qtz-carb veinning with kspar alteration in margins and 5% f.gr. diss. Py mineralization in margins
243.60, 249.50, QtzCbt, 10.00, -, -, -, -, -, -, -, PYR, 1.00, 10-15% irregular, chaotic and discontinuous qtz-carb veinning <1cm thick.
261.50, 265.20, QtzCbt, 5.00, -, -, -, -, -, -, -, -, -, 5% irregular, chaotic mm scale, discontinuous qtz-carb with minor kspar veinning

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117295 | 174.5 | 176.0 | 1.5 | 0.005 | | | | |
| CAOND117296 | 176.0 | 177.5 | 1.5 | 0.035 | | | | |
| CAOND117297 | 177.5 | 179.0 | 1.5 | 0.005 | | | | |
| CAOND117298 | 179.0 | 180.5 | 1.5 | 0.011 | | | | |
| CAOND117299 | 180.5 | 181.7 | 1.2 | 0.007 | | | | |
| CAOND117301 | 181.7 | 183.2 | 1.5 | 0.005 | | | | |
| CAOND117302 | 183.2 | 184.2 | 1.0 | 0.093 | | | | |
| CAOND117303 | 184.2 | 185.4 | 1.2 | 0.011 | | | | |
| CAOND117304 | 185.4 | 186.5 | 1.1 | 0.005 | | | | |
| CAOND117305 | 186.5 | 188.0 | 1.5 | 0.003 | | | | |
| CAOND117306 | 188.0 | 189.5 | 1.5 | 0.008 | | | | |
| CAOND117307 | 189.5 | 191.0 | 1.5 | 0.003 | | | | |
| CAOND117308 | 191.0 | 192.5 | 1.5 | 0.003 | | | | |
| CAOND117309 | 192.5 | 194.0 | 1.5 | 0.003 | | | | |
| CAOND117310 | 194.0 | 195.5 | 1.5 | 0.003 | | | | |
| CAOND117311 | 195.5 | 197.0 | 1.5 | 0.003 | | | | |
| CAOND117312 | 197.0 | 198.5 | 1.5 | 0.003 | | | | |
| CAOND117313 | 198.5 | 200.0 | 1.5 | 0.003 | | | | |
| CAOND117314 | 200.0 | 201.5 | 1.5 | 0.005 | | | | |
| CAOND117316 | 201.5 | 203.0 | 1.5 | 0.030 | | | | |
| CAOND117317 | 203.0 | 204.5 | 1.5 | 0.005 | | | | |
| CAOND117318 | 204.5 | 206.0 | 1.5 | 0.003 | | | | |
| CAOND117319 | 206.0 | 207.5 | 1.5 | 0.003 | | | | |
| CAOND117321 | 207.5 | 209.0 | 1.5 | 0.006 | | | | |
| CAOND117322 | 209.0 | 210.5 | 1.5 | 0.013 | | | | |
| CAOND117323 | 210.5 | 211.6 | 1.1 | 0.007 | | | | |
| CAOND117324 | 211.6 | 213.0 | 1.4 | 0.017 | | | | |
| CAOND117326 | 213.0 | 214.4 | 1.4 | 0.028 | | | | |
| CAOND117327 | 214.4 | 215.5 | 1.1 | 0.063 | | | | |
| CAOND117328 | 215.5 | 217.0 | 1.5 | 0.007 | | | | |
| CAOND117329 | 217.0 | 218.0 | 1.0 | 0.010 | | | | |
| CAOND117331 | 218.0 | 219.1 | 1.1 | 0.996 | | | | |
| CAOND117332 | 219.1 | 220.5 | 1.4 | 0.040 | | | | |

**Hole number:** KLUC18-523

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117333 | 220.5 | 222.0 | 1.5 | 0.026 | | | | |
| CAOND117334 | 222.0 | 223.5 | 1.5 | 0.027 | | | | |
| CAOND117335 | 223.5 | 225.0 | 1.5 | 0.007 | | | | |
| CAOND117336 | 225.0 | 226.5 | 1.5 | 0.003 | | | | |
| CAOND117337 | 226.5 | 228.0 | 1.5 | 0.003 | | | | |
| CAOND117338 | 228.0 | 229.5 | 1.5 | 0.003 | | | | |
| CAOND117339 | 229.5 | 231.0 | 1.5 | 0.003 | | | | |
| CAOND117340 | 231.0 | 232.5 | 1.5 | 0.003 | | | | |
| CAOND117341 | 232.5 | 234.0 | 1.5 | 0.003 | | | | |
| CAOND117342 | 234.0 | 235.5 | 1.5 | 0.009 | | | | |
| CAOND117343 | 235.5 | 237.0 | 1.5 | 0.345 | | | | |
| CAOND117344 | 237.0 | 238.5 | 1.5 | 0.003 | | | | |
| CAOND117346 | 238.5 | 240.0 | 1.5 | 0.008 | | | | |
| CAOND117347 | 240.0 | 241.5 | 1.5 | 0.003 | | | | |
| CAOND117348 | 241.5 | 243.0 | 1.5 | 0.003 | | | | |
| CAOND117349 | 243.0 | 244.5 | 1.5 | 0.039 | | | | |
| CAOND117351 | 244.5 | 246.0 | 1.5 | 0.009 | | | | |
| CAOND117352 | 246.0 | 247.5 | 1.5 | 0.127 | | | | |
| CAOND117353 | 247.5 | 249.0 | 1.5 | 0.074 | | | | |
| CAOND117354 | 249.0 | 250.5 | 1.5 | 0.179 | | | | |
| CAOND117355 | 250.5 | 252.0 | 1.5 | 0.007 | | | | |
| CAOND117356 | 252.0 | 253.5 | 1.5 | 0.007 | | | | |
| CAOND117357 | 253.5 | 255.0 | 1.5 | 0.003 | | | | |
| CAOND117358 | 255.0 | 256.5 | 1.5 | 0.003 | | | | |
| CAOND117359 | 256.5 | 258.0 | 1.5 | 0.005 | | | | |
| CAOND117361 | 258.0 | 259.5 | 1.5 | 0.003 | | | | |
| CAOND117362 | 259.5 | 261.0 | 1.5 | 0.009 | | | | |
| CAOND117363 | 261.0 | 262.5 | 1.5 | 0.003 | | | | |
| CAOND117364 | 262.5 | 264.0 | 1.5 | 0.010 | | | | |
| CAOND117365 | 264.0 | 265.2 | 1.2 | 0.016 | | | | |

**Major:** **From:** 265.20 **To:** 273.00 I2D, Syénite

Composition: Medium purplish grey with patches of red and creamy white throughout, strongly altered, fine grained and relatively massive; I2D - Syenite. Magnetism: Moderately magnetic. Veinning: 5%

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117366 | 265.2 | 266.5 | 1.3 | 0.973 | | | | |
| CAOND117367 | 266.5 | 267.3 | 0.8 | 0.016 | | | | |

**Hole number:** KLUC18-523

chaotic, discontinuous, irregular mm scale qtz-carb veinning. Structure: Moderately deformed and strongly fractured by veinning. Alteration: Moderate patchy carbonate alteration, weak to moderate pervasive kspar alteration. Mineralization: 1-2% clustered very fine grained Py minerlization. Lower Contact: Sharp but wavy, trending at 10 TCA

**MINOR INTERVAL**

268.30 - 269.00: V8mtMinor interval of strongly altered trachyte mafic tuff?

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

265.30, 273.00, PYR, DIS, 1.00, -, -, 1-2% very fine grained clustered Py mineralization

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

265.20, 265.30, KFS+, PAT, MOD, -, -, -, Moderate patchy kspar alteration
265.20, 273.00, KFS+, PEN, WEAK, -, -, -, Weak to moderate pervasive kspar alteration
265.30, 273.00, CBT+, PAT, MOD, -, -, -, Moderate patchy carbonate alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

265.20, 265.30, DFZ, MOD, 40.00, -, -, -, Moderate deformation oriented at 40 TCA
265.20, 265.30, FOL, MOD, 40.00, -, -, -, Moderate foliation at 40 TCA

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

265.20, 273.00, QtzCbt, 5.00, -, -, -, -, -, -, -, -, -, 5% irregular, chaotic mm scale, discontinuous qtz-carb with minor kspar veinning

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117368 | 267.3 | 268.3 | 1.0 | 0.514 | | | | |
| CAOND117369 | 268.3 | 269.0 | 0.7 | 0.150 | | | | |
| CAOND117371 | 269.0 | 270.0 | 1.0 | 0.177 | | | | |
| CAOND117372 | 270.0 | 271.5 | 1.5 | 0.053 | | | | |
| CAOND117373 | 271.5 | 273.0 | 1.5 | 0.015 | | | | |

**Major:** **From:** 273.00 **To:** 305.30 V8mtl, Trachyte mafic tuff lapilli

Composition: Dark green with white and minor red spots throughout; V8mtl - Trachyte mafic tuff lapilli. Magnetism: Moderately magnetic. Veinning: <1% mm scale qtz-carb veinning. 10% qtz-carb-kspar veinning (299-305.3m). Structure: Strong deformation with strong preferential alignment at 40-50 TCA. Alteration: Moderate spotted calcite alteration and weak to moderate pervasive chl alteration. Mineralization: Rare very fine grained disseminated Py mineralization. Lower Contact: Sharp; oriented at 40 TCA.

**MINOR INTERVAL**

301.60 - 301.90: I2DMinor dark purplish pink, fine grained and massive syenite intrusion

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

273.00, 305.30, CAL+, SPO, MOD, -, -, -, Moderate to strong spotted white calcite alteration
273.00, 305.30, CHL+, PEN, WEAK, -, -, -, Weak to moderate pervasive chlorite alteration
303.50, 305.30, SER+, PEN, WEAK, -, -, -, Weak pervasive sercite alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117374 | 273.0 | 274.5 | 1.5 | 0.015 | | | | |
| CAOND117376 | 274.5 | 276.0 | 1.5 | 0.006 | | | | |
| CAOND117377 | 276.0 | 277.5 | 1.5 | 0.007 | | | | |
| CAOND117378 | 277.5 | 279.0 | 1.5 | 0.005 | | | | |
| CAOND117379 | 279.0 | 280.5 | 1.5 | 0.005 | | | | |
| CAOND117381 | 280.5 | 282.0 | 1.5 | 0.003 | | | | |
| CAOND117382 | 282.0 | 283.5 | 1.5 | 0.006 | | | | |
| CAOND117383 | 283.5 | 284.5 | 1.0 | 0.008 | | | | |
| CAOND117384 | 284.5 | 285.5 | 1.0 | 0.014 | | | | |
| CAOND117386 | 286.0 | 287.5 | 1.5 | 0.003 | | | | |
| CAOND117387 | 287.5 | 289.0 | 1.5 | 0.003 | | | | |

**Hole number:** KLUC18-523

305.00, 305.30, KFS+, PEN, MOD, -, -, -, Moderate to strong pervasive kspar aleration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
273.00, 305.30, DFZ, STRONG, 40.00, -, -, -, Strong deformation oriented at 40-50 TCA
273.00, 305.30, FOL, STRONG, 40.00, -, -, -, Strong foliation oriented at 40-50 TCA
287.00, 292.00, FRA, WEAK, -, -, -, -, Weak to moderate fracturing into 2-3cm sized pieces

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
303.50, 303.90, QtzCbt, 90.00, -, -, -, -, -, -, -, -, -, 30cm thick patch of chaotic bleb of qtz-carb-kspar veinning
303.90, 305.30, QTZ, 10.00, -, -, -, -, -, -, -, -, -, 10% qtz veinning 1-3cm thick, crosscutting deformation locally kspar altered margins

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117388 | 289.0 | 290.5 | 1.5 | 0.003 | | | | |
| CAOND117389 | 290.5 | 292.0 | 1.5 | 0.003 | | | | |
| CAOND117391 | 292.0 | 293.5 | 1.5 | 0.005 | | | | |
| CAOND117392 | 293.5 | 295.0 | 1.5 | 0.005 | | | | |
| CAOND117393 | 295.0 | 296.5 | 1.5 | 0.003 | | | | |
| CAOND117394 | 296.5 | 298.0 | 1.5 | 0.003 | | | | |
| CAOND117395 | 298.0 | 299.5 | 1.5 | 0.003 | | | | |
| CAOND117396 | 299.5 | 300.5 | 1.0 | 0.003 | | | | |
| CAOND117397 | 300.5 | 301.5 | 1.0 | 0.003 | | | | |
| CAOND117398 | 301.5 | 302.0 | 0.5 | 0.003 | | | | |
| CAOND117399 | 302.0 | 303.4 | 1.4 | 0.005 | | | | |
| CAOND117401 | 303.4 | 304.0 | 0.6 | 0.007 | | | | |
| CAOND117402 | 304.0 | 305.3 | 1.3 | 0.011 | | | | |

**Major:** **From:** 305.30 **To:** 318.30 M1s, Sericite Schist

Composition: Medium greenish yellow, yellowish buff; fine grained and medium grained neds, carbonate and sericite rich sediments? (protolith); M1s - Sercite schist. Magnetism: Non magnetic Veinning: 1% irregular qtz veining Structure: Strongly sheared and preferential alignment at 40-50 TCA. Alteration: Strong pervasive sericite alteration and strong banded carbonate alteration. Mineralization: Trace very fine grained Py mineralization. Lower Contact: Gradational, sercite dominance gradually diminishes. Contact is place after a sandy bed incontact with weak Se alteration siltstone.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
305.30, 318.30, CBT+, PAT, STRONG, -, -, -, Strong patchy and banded carbonate alteration
305.30, 318.30, SER+, PEN, STRONG, -, -, -, Strong pervasive serictie alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
305.30, 318.30, DFZ, STRONG, 40.00, -, -, -, Strong deformation and locally strongly sheared
305.30, 318.30, FOL, STRONG, 40.00, -, -, -, Strong preferential alignment at 40-50 TCA

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
306.00, 306.50, QTZ, 15.00, -, -, -, -, -, -, -, -, -, 15% qtz veinning crosscutting deformation

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117403 | 305.3 | 306.5 | 1.2 | 0.006 | | | | |
| CAOND117404 | 306.5 | 308.0 | 1.5 | 0.045 | | | | |
| CAOND117405 | 308.0 | 309.5 | 1.5 | 0.063 | | | | |
| CAOND117406 | 309.5 | 311.0 | 1.5 | 0.005 | | | | |
| CAOND117407 | 311.0 | 312.5 | 1.5 | 0.009 | | | | |
| CAOND117408 | 312.5 | 314.0 | 1.5 | 0.003 | | | | |
| CAOND117409 | 314.0 | 315.5 | 1.5 | 0.006 | | | | |
| CAOND117410 | 315.5 | 317.0 | 1.5 | 0.009 | | | | |
| CAOND117412 | 317.5 | 318.3 | 0.8 | 0.016 | | | | |

**Major:** **From:** 318.30 **To:** 358.40 S6A, Siltstone

Composition: Various shades of grey, moderate to thickly bedded sediments, dominantly composed of

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117413 | 318.3 | 319.5 | 1.2 | 0.005 | | | | |

**Hole number:** KLUC18-523

siltstones with minor fine grained sandstone and medium grained sandstone beds; S6A - Siltstone. Magnetism: Non magnetic. Veinning: 1% mm scale fracture filled qtz-carb vienlets. Structure: Strong deformation with preferential alignnet at 40-50 TCA. Local kinking and slightly folded beds. Alteration: Weak pervasive sericite alteration in margins of contacts over 3-5m. Mineralization: Local trace fine grained Py. Lower Contact: Relatively sharp; contact marked by sudden increase in yellowish buff sercite slteration.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

318.30, 358.40, SER+, PEN, WEAK, -, -, -, Weak pervasive sericite alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

318.30, 357.00, BED, MOD, 40.00, -, -, -, Moderate bedding? oriented at 40-50 TCA
318.30, 358.40, DFZ, MOD, 40.00, -, -, -, Moderate deformation with bedding still preserved
330.00, 334.00, FRA, WEAK, 40.00, -, -, -, Weak parallel fracturing at 40 TCA
331.40, 331.50, FAL, -, -, -, -, -, 5cm thick fault, fault gouge / mud
343.90, 344.10, FAL, -, -, -, -, -, 10cm thick possible fault? or shear zone
357.00, 358.40, BED, MOD, 20.00, -, -, -, Moderate bedding? minor interval of bedding / foliation oriented at 20 TCA

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

329.90, 331.00, CAL, 5.00, -, -, -, -, -, -, -, -, -, 5% pale pink calcite veins 2-3cm thick parallel to deformation
335.70, 338.80, QtzCbt, 2.00, -, -, -, -, -, -, -, -, -, 2% white and pale grey qtz-carb veinning dominantly less than 1cm thick locally folded

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117414 | 319.5 | 321.0 | 1.5 | 0.006 | | | | |
| CAOND117416 | 321.0 | 322.5 | 1.5 | 0.012 | | | | |
| CAOND117417 | 322.5 | 324.0 | 1.5 | 0.005 | | | | |
| CAOND117418 | 324.0 | 325.5 | 1.5 | 0.005 | | | | |
| CAOND117419 | 325.5 | 327.0 | 1.5 | 0.003 | | | | |
| CAOND117421 | 327.0 | 328.5 | 1.5 | 0.007 | | | | |
| CAOND117422 | 328.5 | 329.9 | 1.4 | 0.015 | | | | |
| CAOND117423 | 329.9 | 331.0 | 1.1 | 0.013 | | | | |
| CAOND117424 | 331.0 | 332.5 | 1.5 | 0.007 | | | | |
| CAOND117426 | 332.5 | 334.0 | 1.5 | 0.003 | | | | |
| CAOND117427 | 334.0 | 335.5 | 1.5 | 0.006 | | | | |
| CAOND117428 | 335.5 | 337.0 | 1.5 | 0.005 | | | | |
| CAOND117429 | 337.0 | 338.0 | 1.0 | 0.010 | | | | |
| CAOND117431 | 338.0 | 339.0 | 1.0 | 0.011 | | | | |
| CAOND117432 | 339.0 | 340.5 | 1.5 | 0.006 | | | | |
| CAOND117433 | 340.5 | 342.0 | 1.5 | 0.006 | | | | |
| CAOND117434 | 342.0 | 343.5 | 1.5 | 0.006 | | | | |
| CAOND117435 | 343.5 | 345.0 | 1.5 | 0.006 | | | | |
| CAOND117436 | 345.0 | 346.5 | 1.5 | 0.005 | | | | |
| CAOND117437 | 346.5 | 348.0 | 1.5 | 0.005 | | | | |
| CAOND117438 | 348.0 | 349.5 | 1.5 | 0.006 | | | | |
| CAOND117439 | 349.5 | 351.0 | 1.5 | 0.008 | | | | |
| CAOND117440 | 351.0 | 352.5 | 1.5 | 0.005 | | | | |
| CAOND117441 | 352.5 | 354.0 | 1.5 | 0.009 | | | | |
| CAOND117442 | 354.0 | 355.5 | 1.5 | 0.006 | | | | |
| CAOND117443 | 355.5 | 357.0 | 1.5 | 0.006 | | | | |
| CAOND117444 | 357.0 | 358.4 | 1.4 | 0.007 | | | | |

**Major:** **From:** 2.70 **To:** 45.70 V8mt, Trachyte mafic tuff

Composition: Dark green to dark grey, very fine to fine grained; V8mt - Trachyte mafic tuff. Magnetism: Moderately magnetic. Veinning: No significant veinning, <1% mm scale white calcite veinlets. Structure: Strong deformation with preferential alignment at 50 TCA. Alteration: Moderate to strong pervasive chlorite alteration and moderate patchy calcite alteration. Mineralization: Rare to trace very fine grained Py mineralization. Lower Contact: Gradational, contact is placed where bands of varying compositions are introduced.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117157 | 2.8 | 4.0 | 1.2 | 0.003 | 0.250 | 125 | 106 | |
| CAOND117158 | 4.0 | 5.5 | 1.5 | 0.003 | | | | |
| CAOND117159 | 5.5 | 7.0 | 1.5 | 0.003 | | | | |
| CAOND117161 | 7.0 | 8.5 | 1.5 | 0.007 | | | | |
| CAOND117162 | 8.5 | 10.0 | 1.5 | 0.006 | | | | |

**Hole number:** KLUC18-523

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

2.70, 45.70, CAL+, PAT, MOD, -, -, -, Moderate patchy and spotted calcite alteration
2.70, 45.70, CHL+, PEN, MOD, -, -, -, Moderate pervasive chlorite alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

2.70, 45.70, DFZ, STRONG, 50.00, -, -, -, Strong parallel deformation oriented at 50 TCA
2.70, 45.70, FOL, MOD, 50.00, -, -, -, Moderate foliation and preferential alignmnet at 50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117163 | 10.0 | 11.5 | 1.5 | 0.006 | | | | |
| CAOND117164 | 11.5 | 13.0 | 1.5 | 0.003 | | | | |
| CAOND117165 | 13.0 | 14.5 | 1.5 | 0.003 | | | | |
| CAOND117166 | 14.5 | 16.0 | 1.5 | 0.003 | | | | |
| CAOND117167 | 16.0 | 17.5 | 1.5 | 0.003 | | | | |
| CAOND117168 | 17.5 | 19.0 | 1.5 | 0.003 | | | | |
| CAOND117169 | 19.0 | 20.5 | 1.5 | 0.013 | | | | |
| CAOND117171 | 20.5 | 22.0 | 1.5 | 0.003 | | | | |
| CAOND117172 | 22.0 | 23.5 | 1.5 | 0.003 | | | | |
| CAOND117173 | 23.5 | 24.5 | 1.0 | 0.003 | | | | |
| CAOND117174 | 24.5 | 26.0 | 1.5 | 0.003 | | | | |
| CAOND117176 | 26.0 | 27.5 | 1.5 | 0.011 | | | | |
| CAOND117177 | 27.5 | 29.0 | 1.5 | 0.003 | | | | |
| CAOND117178 | 29.0 | 30.5 | 1.5 | 0.003 | | | | |
| CAOND117179 | 30.5 | 32.0 | 1.5 | 0.003 | | | | |
| CAOND117181 | 32.0 | 33.5 | 1.5 | 0.005 | | | | |
| CAOND117182 | 33.5 | 35.0 | 1.5 | 0.006 | | | | |
| CAOND117183 | 35.0 | 36.5 | 1.5 | 0.005 | | | | |
| CAOND117184 | 36.5 | 38.0 | 1.5 | 0.005 | | | | |
| CAOND117185 | 38.0 | 39.5 | 1.5 | 0.003 | | | | |
| CAOND117186 | 39.5 | 41.0 | 1.5 | 0.003 | | | | |
| CAOND117187 | 41.0 | 42.5 | 1.5 | 0.012 | | | | |
| CAOND117188 | 42.5 | 44.0 | 1.5 | 0.006 | | | | |
| CAOND117189 | 44.0 | 45.0 | 1.0 | 0.003 | | | | |
| CAOND117191 | 45.0 | 45.7 | 0.7 | 0.046 | | | | |

**Major:** **From:** 358.40 **To:** 372.00 M1s, Sericite Schist

Composition: Medium greenish yellow, yellowish buff; fine grained and medium grained beds, carbonate and sericite rich sediments? (protolith) with minor conglomerate protolith. Dominantly fine grained sediment gradually changing to medium grained sandstone? with minor conglomerate beds randomly throughout; M1s - Sercite schist. Magnetism: Non magnetic Veinning: 20% irregular and crosscutting white qtz veining between 363-367m. Structure: Strongly sheared and strong preferential alignment at 30-40 TCA. Deformation becoming more chaotic after 363m. Alteration: Strong pervasive sericite alteration and strong banded carbonate alteration. Mineralization: Trace very fine grained Py mineralization. Lower Contact: Sharp and irregular; trending at 80 TCA.

**ALTERATION**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117446 | 358.4 | 359.5 | 1.1 | 0.009 | | | | |
| CAOND117447 | 359.5 | 361.0 | 1.5 | 0.009 | | | | |
| CAOND117448 | 361.0 | 362.0 | 1.0 | 0.006 | | | | |
| CAOND117449 | 362.0 | 363.0 | 1.0 | 0.009 | | | | |
| CAOND117451 | 363.0 | 364.5 | 1.5 | 0.018 | | | | |
| CAOND117452 | 364.5 | 365.6 | 1.1 | 0.025 | | | | |
| CAOND117453 | 365.6 | 366.6 | 1.0 | 0.013 | | | | |

**Hole number:** KLUC18-523

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
358.40, 368.40, SER+, PEN, WEAK, -, -, -, Weak pervasive sericite alteration
358.40, 372.00, FUC+, SPO, WEAK, -, -, -, TRace mm scale spots of FU
368.40, 372.00, CBT+, PAT, MOD, -, -, -, Moderate patchy carboante alteration
368.40, 372.00, SER+, PEN, STRONG, -, -, -, Moderate pervasive sercite alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
358.40, 368.40, DFZ, MOD, 40.00, -, -, -, Moderate deformation with bedding still preserved
358.40, 363.00, FOL, STRONG, 30.00, -, -, -, Strong preferential alignment at 30-40 TCA
358.40, 372.00, DFZ, STRONG, 30.00, -, -, -, Strong deformation / shearing parallel at 30-40 TCA gradually becoming more chaotic after 363m
365.50, 366.50, FLD, MOD, -, -, -, -, Moderate tight folding at a local scale

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
363.00, 366.60, QTZ, 20.00, -, -, -, -, -, -, -, -, -, 20% white qtz veinning crosscutting deformation and occuring over various thicknesses as irregular patches

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117454 | 366.6 | 368.0 | 1.4 | 0.006 | | | | |
| CAOND117455 | 368.0 | 369.5 | 1.5 | 0.011 | | | | |
| CAOND117456 | 369.5 | 370.5 | 1.0 | 0.021 | | | | |
| CAOND117457 | 370.5 | 372.0 | 1.5 | 0.061 | | | | |

**Major:** **From:** 373.00 **To:** 377.60 S3, GRAUWACKE

Composition: Medium grey, fine grained relatively massive; S3 - Greywacke. Magnetism: Non magnetic. Veinning: No significant veinning Structure: Strong deformation, faintly visible at 40-50 TCA. Alteration: Moderate patchy yellowish brown sericite alteration Mineralization: Trace to 1% very fine grained disseminated Py mineralization. Lower Contact: Sharp; oriented at 50 TCA

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
373.00, 377.60, SER+, PAT, MOD, -, -, -, Moderate patchy and stringers of sericite alteration.

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
373.00, 377.60, DFZ, MOD, 40.00, -, -, -, Moderate to strong faintly visible deformation at 40-50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117459 | 373.0 | 374.5 | 1.5 | 0.204 | | | | |
| CAOND117461 | 374.5 | 375.5 | 1.0 | 0.053 | | | | |
| CAOND117462 | 375.5 | 376.5 | 1.0 | 0.029 | | | | |
| CAOND117463 | 376.5 | 377.6 | 1.1 | 0.130 | | | | |

**Major:** **From:** 377.60 **To:** 388.70 V8tl, Trachytic lapilli tuff

Composition: Medium grey to medium greenish grey with minor patches of pale orangish pink and pink and spots of white, strongly deformed; V8tl - Trachyte tuff lapilli. Magnetism: Moderately magnetic. Veinning: 1-2% mm scale chaotic carbonate veinning. Structure: Strong deformation with preferential alignment at 40-50 TCA. Alteration: Moderate to strong pervasive carbonate and moderate stringers of chlorite alteration. Mineralization: Trace to 1% very fine grained clusters of disseminated Py mineralization with local fine to medium grained mineralization. Lower Contact: Sharp contact with mined out interval.

**MINOR INTERVAL**
381.60 - 382.00: I2D40cm thick medium orangish red syenite with 10% chaotic mm scale carbonate

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117464 | 377.6 | 379.0 | 1.4 | 0.356 | | | | |
| CAOND117465 | 379.0 | 380.5 | 1.5 | 0.107 | | | | |
| CAOND117466 | 380.5 | 381.6 | 1.1 | 0.039 | | | | |
| CAOND117467 | 381.6 | 382.5 | 0.9 | 0.077 | | | | |
| CAOND117468 | 382.5 | 384.0 | 1.5 | 0.133 | | | | |
| CAOND117469 | 384.0 | 385.5 | 1.5 | 0.032 | | | | |
| CAOND117471 | 385.5 | 387.0 | 1.5 | 0.099 | | | | |

**Hole number:** KLUC18-523

veining

**MINOR INTERVAL**

382.20 - 382.40: I2D20cm thick medium orangish red syenite intrusion with 25% chaotic pale grey qtz-carb veinning less than 1 - 1cm thick

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

377.60, 388.70, DFZ, STRONG, 40.00, -, -, -, Strong deformation with preferential alignment at 40-50 TCA

377.60, 388.70, FOL, MOD, 40.00, -, -, -, Moderate to strong preferential alignment at 40-50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117472 | 387.0 | 388.0 | 1.0 | 0.316 | | | | |
| CAOND117473 | 388.0 | 388.7 | 0.7 | 0.241 | | | | |

**Major:** **From:** 392.70 **To:** 396.70 V8tl, Trachytic lapilli tuff

Composition: Medium to dark green, medium to dark pinkish purple and beige to creamy white, strongly deformed; V8tl - Trachyte tuff lapilli. Magnetism: Moderately magnetic. Veinning: 1-2% mm scale chaotic carbonate veinning. Structure: Strong deformation with preferential alignment at 40-50 TCA. Alteration: Moderate to strong pervasive carbonate and moderate stringers of chlorite alteration. Local minor intervals of pervasive to patche SE alteration. Mineralization: Trace to 1% very fine grained clusters of disseminated Py mineralization with local fine grained 2-3% PY mineralization. Lower Contact: Gradational, contact is placed where deformation becomes chaotic and clastic.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

396.30, 396.70, PYR, DIS, 2.00, -, FGR, 1-2% very fine to fine grained clusters of disseminated Py minerliazation with minor intervals containning up to 3-4%

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

392.70, 396.70, DFZ, STRONG, 40.00, -, -, -, Strong deformation with preferential alignment at 40-50 TCA

392.70, 396.70, FOL, MOD, 40.00, -, -, -, Moderate to strong preferential alignment at 40-50 TCA

395.00, 395.50, FRA, WEAK, -, -, -, -, Weak angular and chaotic fracturing into 2-5cm thick pieces

396.30, 396.70, BRC, MOD, -, -, -, -, Moderate to strong chaotic brecciation

396.30, 396.70, FOL, WEAK, 30.00, -, -, -, Weak with local moderate preferential alignment at 30-40 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117474 | 392.7 | 394.0 | 1.3 | 7.240 | | | | |
| CAOND117476 | 394.0 | 395.0 | 1.0 | 1.995 | | | | |
| CAOND117477 | 395.0 | 396.0 | 1.0 | 1.060 | | | | |
| CAOND117478 | 396.0 | 396.7 | 0.7 | 2.570 | | | | |

**Major:** **From:** 396.70 **To:** 410.20 I2DAltBx, Syenite Alteration Breccia

Composition: Various shades of dark purple, purplish pinks and pinks with minor dark grey and white, dominantly chaotically brecciated with minor intervals with strong foliation with minimal clasts; I2DAltbx - Syenite breccia. Magnetism: Moderately magnetic with minor weakly magnetic intervals. Veinning: 1% mm scale chaotic qtz-carb and carb veinning. Structure: Strong chaotic deformation and brecciation into less than 1cm and 1-4cm in size. Local strong parallel deformation with preferential alignmnet at 30-40 and 40-50 TCA. Alteration: Moderate spotted cabonate alteration with pervasive mm scale vugs and moderate stringers of chlorite alteration and minor local stringers of moderate Se alteration. Mineralization: 1-2% fine grained disseminated Py mineralization. Lower Contact: Sharp; oriented at 40

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117479 | 396.7 | 398.0 | 1.3 | 0.655 | | | | |
| CAOND117481 | 398.0 | 399.5 | 1.5 | 1.320 | | | | |
| CAOND117482 | 399.5 | 401.0 | 1.5 | 0.131 | | | | |
| CAOND117483 | 401.0 | 402.5 | 1.5 | 0.159 | | | | |
| CAOND117484 | 402.5 | 404.0 | 1.5 | 0.202 | | | | |
| CAOND117485 | 404.0 | 405.5 | 1.5 | 0.160 | | | | |

**Hole number:** KLUC18-523

TCA

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

396.70, 410.20, PYR, DIS, 2.00, -, FGR, 1-2% very fine to fine grained clusters of disseminated Py minerliazation with minor intervals containning up to 3-4%

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

396.70, 410.20, BRC, MOD, -, -, -, -, Moderate to strong chaotic brecciation

396.70, 410.20, FOL, WEAK, 30.00, -, -, -, Weak with local moderate preferential alignment at 30-40 TCA

404.50, 407.00, FRA, WEAK, -, -, -, -, 2x 20cm thick intervals of weak fracturing into 2-3cm thick pieces

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

397.00, 398.00, QTZ, 10.00, -, -, -, -, -, -, -, -, -, 10-15% white and pale grey qtz veinning and qtz-carb veinning. Chaotic and dominantly less than 1 cm thick with 1x at 3cm thick. 2-3% very fine grained Py mienralization in margins in host rock

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117486 | 405.5 | 407.0 | 1.5 | 0.713 | | | | |
| CAOND117487 | 407.0 | 408.5 | 1.5 | 0.149 | | | | |
| CAOND117488 | 408.5 | 409.5 | 1.0 | 0.140 | | | | |
| CAOND117489 | 409.5 | 410.2 | 0.7 | 0.043 | | | | |

**Major:** **From:** 410.20 **To:** 411.80 V8m, Trachyte mafic

Composition: Dominantly dark green with choatic white and minor pink whispy patches, fine to medium grained and relatively massive; V8m - Mafic trachyte. Magnetism: moderately magnetic Veinning: 5% mm scale fracture filled calcite veinning Structure: Strong parallel deformation with weak preferential alignment at 40 TCA. Alteration: Strong patchy calcite alteration and moderate pervasive chlorite. Mineralization: Rare to trace very fine grained Py mineralization. Lower Contact: Sharp; oriented at 60 TCA

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

410.20, 411.80, CAL+, PAT, STRONG, -, -, -, Strong whispy patchy calcite alteration

410.20, 411.80, CHL+, PEN, MOD, -, -, -, Moderate pervasive chlorite alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

410.20, 411.80, FOL, MOD, 40.00, -, -, -, Moderate to strong parallel deformation

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117491 | 410.2 | 411.0 | 0.8 | 0.055 | | | | |
| CAOND117492 | 411.0 | 411.8 | 0.8 | 0.046 | | | | |

**Major:** **From:** 411.80 **To:** 421.50 I2DAltBx, Syenite Alteration Breccia

Composition: Various shades of dark purple, purplish pinks and pinks with minor dark grey and white, dominantly chaotically brecciated with minor intervals with strong foliation with minimal clasts; I2DAltbx - Syenite breccia. Magnetism: Moderately magnetic with minor weakly magnetic intervals. Veinning: 1% mm scale chaotic qtz-carb and carb veinning. Structure: Strong chaotic deformation and brecciation into less than 1cm and 1-4cm in size. Local strong parallel deformation with preferential alignmnet at

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117493 | 411.8 | 413.0 | 1.2 | 0.040 | | | | |
| CAOND117494 | 413.0 | 414.5 | 1.5 | 0.328 | | | | |
| CAOND117495 | 414.5 | 416.0 | 1.5 | 0.083 | | | | |

**Hole number:** KLUC18-523

30-40 and 40-50 TCA. Alteration: Moderate spotted cabonate alteration with pervasive mm scale vugs and moderate stringers of chlorite alteration and minor local stringers of moderate Se alteration. Mineralization: 1-2% fine grained disseminated Py mineralization. Lower Contact: Sharp but irregular

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

411.80, 421.50, BRC, MOD, -, -, -, -, Moderate to strong chaotic brecciation

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117496 | 416.0 | 417.5 | 1.5 | 0.041 | | | | |
| CAOND117497 | 417.5 | 419.0 | 1.5 | 0.033 | | | | |
| CAOND117498 | 419.0 | 420.5 | 1.5 | 0.118 | | | | |
| CAOND117499 | 420.5 | 421.5 | 1.0 | 0.122 | | | | |

**Major:** **From:** 421.50 **To:** 427.00 I2Dp, Porphyritic Syenite

Composition: Medium to dark purplish red, dominately porphyritic (mm scale grey waxy subrounded phenocrysts) with minor massive intervals; I2Dp - Syenite porphyry. Magnetism: Moderately magnetic. Veinning: 10-15% chaotic qtz-cal-chl veinning at various orientations and 1-3cm thick. Structure: Weak brittle deformation. Alteration: Moderate pervasive calcite alteration. Mineralization: 2-3% very fine grained disseminated Py mineralization with 1% clustered Cp mineralization. Lower Contact: Sharp; oriented at 50 TCA.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

421.50, 427.00, PYR, DIS, 2.00, -, FGR, 2-3% very fine grained disseminated Py mineralization

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

421.50, 427.00, CAL+, PEN, MOD, -, -, -, Moderate pervasive calcite alteration

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

421.50, 427.00, QtzCalChl, 10.00, -, -, -, -, -, -, -, -, -, 10-15% qtz-cal-chl veinning at various orientations and 1-3cm thick

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118501 | 421.5 | 422.8 | 1.3 | 0.048 | | | | |
| CAOND118502 | 422.8 | 424.0 | 1.2 | 0.080 | | | | |
| CAOND118503 | 424.0 | 425.5 | 1.5 | 0.077 | | | | |
| CAOND118504 | 425.5 | 427.0 | 1.5 | 0.125 | | | | |

**Major:** **From:** 427.00 **To:** 445.60 V8m, Trachyte mafic

Composition: Dominantly dark green with choatic white and minor pink whispy patches, fine to medium grained and relatively massive; V8m - Mafic trachyte. Magnetism: moderately magnetic Veinning: 5% mm scale fracture filled calcite veinning Structure: Moderate parallel deformation with weak preferential alignment at 50-60 TCA. Alteration: Strong patchy calcite alteration and moderate pervasive chlorite. Mineralization: Rare to trace very fine grained Py mineralization. Lower Contact: Gradational

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

427.00, 445.60, CAL+, PAT, MOD, -, -, -, Moderate whispy patches of calcite alteration
427.00, 445.60, CHL+, PEN, MOD, -, -, -, Moderate pervasive chlorite alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

427.00, 445.60, DFZ, MOD, -, -, -, -, Moderate deformation with weak preferential alignment
427.00, 445.60, FOL, WEAK, 50.00, -, -, -, Weak preferential alignmnet at 50-60 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118505 | 427.0 | 427.5 | 0.5 | 0.014 | | | | |
| CAOND118506 | 427.5 | 429.0 | 1.5 | 0.009 | | | | |
| CAOND118507 | 429.0 | 430.5 | 1.5 | 0.022 | | | | |
| CAOND118508 | 430.5 | 432.0 | 1.5 | 0.107 | | | | |
| CAOND118509 | 432.0 | 433.5 | 1.5 | 0.167 | | | | |
| CAOND118510 | 433.5 | 435.0 | 1.5 | 0.017 | | | | |
| CAOND118511 | 435.0 | 436.5 | 1.5 | 0.009 | | | | |
| CAOND118512 | 436.5 | 438.0 | 1.5 | 0.015 | | | | |
| CAOND118513 | 438.0 | 439.5 | 1.5 | 0.020 | | | | |
| CAOND118514 | 439.5 | 441.0 | 1.5 | 0.071 | | | | |

**Hole number:** KLUC18-523

445.00, 445.60, FRA, WEAK, -, -, -, -, Weak fracturing into 3-5cm angular pieces

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118516 | 441.0 | 442.5 | 1.5 | 0.006 | | | | |
| CAOND118517 | 442.5 | 444.0 | 1.5 | 0.019 | | | | |
| CAOND118518 | 444.0 | 445.0 | 1.0 | 0.024 | | | | |
| CAOND118519 | 445.0 | 445.6 | 0.6 | 0.010 | | | | |

Sample tag was dropped prior to cutting and accidentally mixed with CAOND118521. May be minor contamination.

**Major:** **From:** 445.60 **To:** 454.80 I2DAltBx, Syenite Alteration Breccia

Composition: Dark grey and dark purplish red with minor white spots, moderately brecciated with 50% surounded clasts dominantly syenite composition? less than 1 - 4cm in size; I2Daltbx - Brecciated syenite. Magnetism: Moderately magnetic Veinning: Less than 1% calcite veinning dominantly less than 1 cm thick and trending at shallow angles to core axis over 50cm. Structure: Moderate brecciation and weak preferential alignment 40-50 TCA. Alteration: Moderate pervasive spots of calcite alteration. Mineralization: Rare to Trace very fine grained Py mineralization. Lower Contact: Sharp but irregular.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

445.60, 446.00, CAL+, PAT, MOD, -, -, -, Moderate whispy patches of calcite alteration
445.60, 446.00, CHL+, PEN, MOD, -, -, -, Moderate pervasive chlorite alteration
445.60, 454.80, CAL+, SPO, MOD, -, -, -, Moderate pervasive spots of calcite alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

445.60, 446.00, DFZ, MOD, -, -, -, -, Moderate deformation with weak preferential alignment
445.60, 446.00, FOL, WEAK, 50.00, -, -, -, Weak preferential alignmnet at 50-60 TCA
445.60, 447.00, FRA, WEAK, -, -, -, -, Weak fracturing into 3-5cm angular pieces
445.60, 454.80, BRC, MOD, -, -, -, -, Moderate brecciation into subrounded clasts 1-4cm in size
445.60, 454.80, FOL, WEAK, 40.00, -, -, -, Weak foliation at 40-50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118521 | 445.6 | 447.0 | 1.4 | 0.007 | | | | |

Sample tag for CAOND118519 was dropped prior to cutting and accidentally mixed with CAOND118521. May be minor contamination.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118522 | 447.0 | 448.5 | 1.5 | 0.092 | | | | |
| CAOND118523 | 448.5 | 450.0 | 1.5 | 0.006 | | | | |
| CAOND118524 | 450.0 | 451.5 | 1.5 | 0.014 | | | | |
| CAOND118526 | 451.5 | 453.0 | 1.5 | 0.014 | | | | |
| CAOND118527 | 453.0 | 454.3 | 1.3 | 0.035 | | | | |
| CAOND118567 | 454.3 | 454.8 | 0.5 | 0.013 | | | | |

**Major:** **From:** 454.80 **To:** 506.50 I2D, Syénite

Composition: Medium purplish red, medium oragnish red and medium brownish orange and red, fine grained and massive but moderately brittlely deformed; I2D - Syenite Magnetism: Dominantly weakly magnetic with minor moderately magnetic intervals Veinning: 15-20% qtz-carb veinning occuring in clusters with no prefered orientation and dominantly less than 1 -1cm thick. Preferential alignment of veins is observed at a local scale. Structure: Moderate brittle deformation throughout defined by the microfractures and veinning. Alteration: Weak carbonate alteration and weak to locally moderate kspar alteration. Mineralization: 2-3% very fine grained disseminated Py mineralization throughout with 3-5% speculerite clustered in qtz-carb veinning Lower Contact: Not reached

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

454.80, 506.50, PYR, DIS, 2.00, -, FGR, 2-3% fine grained disseminated Py mineralization disseminated throughout and locally clustered in veinning

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118528 | 454.8 | 456.0 | 1.2 | 0.031 | | | | |
| CAOND118529 | 456.0 | 457.5 | 1.5 | 0.048 | | | | |
| CAOND118531 | 457.5 | 459.0 | 1.5 | 0.019 | | | | |
| CAOND118532 | 459.0 | 460.5 | 1.5 | 0.022 | | | | |
| CAOND118533 | 460.5 | 462.0 | 1.5 | 0.393 | | | | |
| CAOND118534 | 462.0 | 463.5 | 1.5 | 0.076 | | | | |
| CAOND118535 | 463.5 | 465.0 | 1.5 | 0.150 | | | | |
| CAOND118536 | 465.0 | 466.5 | 1.5 | 0.073 | | | | |
| CAOND118537 | 466.5 | 468.0 | 1.5 | 0.102 | | | | |

**Hole number:** KLUC18-523

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
454.80, 506.50, CAL+, SPO, WEAK, -, -, -, Weak calcite alteration
454.80, 506.50, KFS+, PEN, WEAK, -, -, -, Weak to moderate kspar alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
454.80, 506.50, DFZ, MOD, -, -, -, -, Moderate brittle deformation zone defined by abundant microfractures and stockwork of veinnig

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
454.80, 463.00, QtzCbt, 20.00, -, -, -, -, -, -, -, PYR, 1.00, 20% irregular and chaotic qtz-carb veinning. dominantly occuring as 1cm thick veins parallel to one another at 70-80 TCA. Locally the qtz-carb is occuring as irregular blotches. 1% fine grained Py observed locally in veins
463.00, 479.00, QtzCbt, 3.00, -, -, -, -, -, -, -, -, -, 3% pale grey and orangish pink qtz-carb veinning less than 1cm thick and at no preferred orientation
488.00, 494.00, QtzCbt, 3.00, -, -, -, -, -, -, -, -, -, 3% irregular qtz-carb veinning less than 1cm thick and at no preferred orientation
494.00, 506.50, QtzCbt, 10.00, -, -, -, -, -, -, -, PYR, 2.00, 10% chaotic and irregular qtz-carb veinning dominantly less than 1cm thick and at no preferred orientation. 2% fine grained Py mineralization dissemianted in margins and locally in veins

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118538 | 468.0 | 469.5 | 1.5 | 0.063 | | | | |
| CAOND118539 | 469.5 | 471.0 | 1.5 | 0.100 | | | | |
| CAOND118540 | 471.0 | 472.5 | 1.5 | 2.790 | | | | |
| CAOND118541 | 472.5 | 474.0 | 1.5 | 0.186 | | | | |
| CAOND118542 | 474.0 | 475.5 | 1.5 | 0.089 | | | | |
| CAOND118543 | 475.5 | 477.0 | 1.5 | 0.100 | | | | |
| CAOND118544 | 477.0 | 478.5 | 1.5 | 0.108 | | | | |
| CAOND118546 | 478.5 | 480.0 | 1.5 | 0.012 | | | | |
| CAOND118547 | 480.0 | 481.5 | 1.5 | 0.010 | | | | |
| CAOND118548 | 481.5 | 483.0 | 1.5 | 0.034 | | | | |
| CAOND118549 | 483.0 | 484.5 | 1.5 | 0.034 | | | | |
| CAOND118551 | 484.5 | 486.0 | 1.5 | 0.009 | | | | |
| CAOND118552 | 486.0 | 487.5 | 1.5 | 2.100 | | | | |
| CAOND118553 | 487.5 | 489.0 | 1.5 | 0.067 | | | | |
| CAOND118554 | 489.0 | 490.5 | 1.5 | 0.203 | | | | |
| CAOND118555 | 490.5 | 492.0 | 1.5 | 0.055 | | | | |
| CAOND118556 | 492.0 | 493.5 | 1.5 | 0.050 | | | | |
| CAOND118557 | 493.5 | 495.0 | 1.5 | 0.049 | | | | |
| CAOND118558 | 495.0 | 496.5 | 1.5 | 0.012 | | | | |
| CAOND118559 | 496.5 | 498.0 | 1.5 | 0.012 | | | | |
| CAOND118561 | 498.0 | 499.5 | 1.5 | 0.090 | | | | |
| CAOND118562 | 499.5 | 501.0 | 1.5 | 0.012 | | | | |
| CAOND118563 | 501.0 | 502.5 | 1.5 | 0.027 | | | | |
| CAOND118564 | 502.5 | 504.0 | 1.5 | 0.026 | | | | |
| CAOND118565 | 504.0 | 505.5 | 1.5 | 0.010 | | | | |
| CAOND118566 | 505.5 | 506.5 | 1.0 | 0.007 | | | | |

**Major:** **From:** 372.00 **To:** 373.00 I2D, Syénite

Composition: Pale salmon pink, fine grained and massive; I2D - Syenite. Magnetism: Moderately magnetic. Veinning: None Structure: Moderately chaotically deformed. Alteration: Moderate pervasive albite alteration? Mineralization: TRace euhedral pyrite mineralization. Lower Contact: Sharp but irregular; oriented at 80 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND117458 | 372.0 | 373.0 | 1.0 | 0.024 | | | | |

**Major:** **From:** 0.00 **To:** 2.70 OVB, Overburden

Overburden / casing, 10cm thick interval of grinded core

## Hole number: KLUC18-523

**Geochemical sample**

| Sample | From | To | Ag gpt | Al2O3 Pct | Ba ppm | CaO Pct | Cu ppm | CO2 Pct | Cr ppm | Fe2O3 Pct | K2O Pct | LOI pct | MgO pct | MnO pct | Mo ppm | Na2O pct | Ni ppm | P2O5 pct |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Pb ppm | Rb ppm | SiO2 pct | Sr ppm | Tb ppm | Tm ppm | TiO2 pct | Tl ppm | Total pct | U ppm | V ppm | W ppm | Y ppm | Yb ppm | Zn ppm | Zr ppm |
| CAOND117385 | 285.5 | 286.0 | 0.3 | 13.80 | 2,120.00 | 8.09 | 116.00 | | 170.00 | 9.70 | 3.45 | 2.5 | 6.3 | 0.2 | 0.5 | 4.4 | 40.0 | 0.7 |
| | | | 19.0 | 178.5 | 48.3 | 1 775.0 | 1.33 | 0.38 | 0.9 | 5.00 | 98.8 | 2.6 | 240.0 | 1.0 | 30.8 | 2.0 | 126.0 | 279.0 |
| CAOND117411 | 317.0 | 317.5 | 0.3 | 13.50 | 666.00 | 1.03 | 27.00 | | 110.00 | 2.48 | 2.76 | 2.8 | 0.8 | 0.0 | 1.0 | 2.4 | 42.0 | 0.1 |
| | | | 9.0 | 79.8 | 74.1 | 323.0 | 0.28 | 0.13 | 0.4 | 5.00 | 100.3 | 1.0 | 55.0 | 1.0 | 8.7 | 0.7 | 13.0 | 127.0 |

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 3.0 | 6.0 | 98.00 | 100.00 | | | N | |
| 6.0 | 9.0 | 97.00 | 100.00 | | | N | |
| 9.0 | 12.0 | 100.00 | 100.00 | | | N | |
| 12.0 | 15.0 | 98.00 | 100.00 | | | N | |
| 15.0 | 18.0 | 97.00 | 100.00 | | | N | |
| 18.0 | 21.0 | 100.00 | 100.00 | | | N | |
| 21.0 | 24.0 | 100.00 | 100.00 | | | N | |
| 24.0 | 27.0 | 97.00 | 100.00 | | | N | |
| 27.0 | 30.0 | 98.00 | 100.00 | | | N | |
| 30.0 | 33.0 | 98.00 | 100.00 | | | N | |
| 33.0 | 36.0 | 87.00 | 100.00 | | | N | |
| 36.0 | 39.0 | 93.00 | 100.00 | | | N | |
| 39.0 | 42.0 | 100.00 | 100.00 | | | N | |
| 42.0 | 45.0 | 100.00 | 100.00 | | | N | |
| 45.0 | 48.0 | 98.00 | 100.00 | | | N | |
| 48.0 | 51.0 | 100.00 | 100.00 | | | N | |
| 51.0 | 54.0 | 100.00 | 100.00 | | | N | |
| 54.0 | 57.0 | 100.00 | 100.00 | | | N | |
| 57.0 | 60.0 | 93.00 | 100.00 | | | N | |
| 60.0 | 63.0 | 97.00 | 100.00 | | | N | |
| 63.0 | 66.0 | 70.00 | 100.00 | | | N | |

**Hole number:** KLUC18-523

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 66.0 | 69.0 | 98.00 | 100.00 | | | N | |
| 69.0 | 72.0 | 98.00 | 100.00 | | | N | |
| 72.0 | 75.0 | 77.00 | 100.00 | | | N | |
| 75.0 | 78.0 | 98.00 | 100.00 | | | N | |
| 78.0 | 81.0 | 97.00 | 100.00 | | | N | |
| 81.0 | 84.0 | 80.00 | 100.00 | | | N | |
| 84.0 | 87.0 | 98.00 | 100.00 | | | N | |
| 87.0 | 90.0 | 47.00 | 100.00 | | | N | |
| 90.0 | 93.0 | 13.00 | 100.00 | | | N | |
| 93.0 | 96.0 | 7.00 | 73.00 | | | N | |
| 96.0 | 99.0 | 80.00 | 100.00 | | | N | |
| 99.0 | 102.0 | 87.00 | 100.00 | | | N | |
| 102.0 | 105.0 | 83.00 | 100.00 | | | N | |
| 105.0 | 108.0 | 37.00 | 100.00 | | | N | |
| 108.0 | 111.0 | 80.00 | 100.00 | | | N | |
| 111.0 | 114.0 | 87.00 | 100.00 | | | N | |
| 114.0 | 117.0 | 98.00 | 100.00 | | | N | |
| 117.0 | 120.0 | 85.00 | 100.00 | | | N | |
| 120.0 | 123.0 | 93.00 | 100.00 | | | N | |
| 123.0 | 126.0 | 98.00 | 100.00 | | | N | |
| 126.0 | 129.0 | 100.00 | 100.00 | | | N | |
| 129.0 | 132.0 | 88.00 | 100.00 | | | N | |
| 132.0 | 135.0 | 100.00 | 100.00 | | | N | |
| 135.0 | 138.0 | 40.00 | 100.00 | | | N | |
| 138.0 | 141.0 | 95.00 | 100.00 | | | N | |
| 141.0 | 144.0 | 47.00 | 100.00 | | | N | |
| 144.0 | 147.0 | 70.00 | 100.00 | | | N | |
| 147.0 | 150.0 | 80.00 | 100.00 | | | N | |

**Hole number:** KLUC18-523

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 150.0 | 153.0 | 17.00 | 100.00 | | | N | |
| 153.0 | 156.0 | 98.00 | 100.00 | | | N | |
| 156.0 | 159.0 | 97.00 | 100.00 | | | N | |
| 159.0 | 162.0 | 93.00 | 100.00 | | | N | |
| 162.0 | 165.0 | 97.00 | 100.00 | | | N | |
| 165.0 | 168.0 | 100.00 | 100.00 | | | N | |
| 168.0 | 171.0 | 97.00 | 100.00 | | | N | |
| 171.0 | 174.0 | 73.00 | 100.00 | | | N | |
| 174.0 | 177.0 | 97.00 | 100.00 | | | N | |
| 177.0 | 180.0 | 87.00 | 100.00 | | | N | |
| 180.0 | 183.0 | 93.00 | 100.00 | | | N | |
| 183.0 | 186.0 | 97.00 | 100.00 | | | N | |
| 186.0 | 189.0 | 100.00 | 100.00 | | | N | |
| 189.0 | 192.0 | 100.00 | 100.00 | | | N | |
| 192.0 | 195.0 | 87.00 | 100.00 | | | N | |
| 195.0 | 198.0 | 98.00 | 100.00 | | | N | |
| 198.0 | 201.0 | 100.00 | 100.00 | | | N | |
| 201.0 | 204.0 | 98.00 | 100.00 | | | N | |
| 204.0 | 207.0 | 100.00 | 100.00 | | | N | |
| 207.0 | 210.0 | 100.00 | 100.00 | | | N | |
| 210.0 | 213.0 | 97.00 | 100.00 | | | N | |
| 213.0 | 216.0 | 100.00 | 100.00 | | | N | |
| 216.0 | 219.0 | 93.00 | 100.00 | | | N | |
| 219.0 | 222.0 | 100.00 | 100.00 | | | N | |
| 222.0 | 225.0 | 97.00 | 100.00 | | | N | |
| 225.0 | 228.0 | 100.00 | 100.00 | | | N | |
| 228.0 | 231.0 | 100.00 | 100.00 | | | N | |
| 231.0 | 234.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC18-523

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 234.0 | 237.0 | 100.00 | 100.00 | | | N | |
| 237.0 | 240.0 | 100.00 | 100.00 | | | N | |
| 240.0 | 243.0 | 100.00 | 100.00 | | | N | |
| 243.0 | 246.0 | 100.00 | 100.00 | | | N | |
| 246.0 | 249.0 | 100.00 | 100.00 | | | N | |
| 249.0 | 252.0 | 83.00 | 100.00 | | | N | |
| 252.0 | 255.0 | 98.00 | 100.00 | | | N | |
| 255.0 | 258.0 | 100.00 | 100.00 | | | N | |
| 258.0 | 261.0 | 100.00 | 100.00 | | | N | |
| 261.0 | 264.0 | 100.00 | 100.00 | | | N | |
| 264.0 | 267.0 | 100.00 | 100.00 | | | N | |
| 267.0 | 270.0 | 100.00 | 100.00 | | | N | |
| 270.0 | 273.0 | 100.00 | 100.00 | | | N | |
| 273.0 | 276.0 | 100.00 | 100.00 | | | N | |
| 276.0 | 279.0 | 100.00 | 100.00 | | | N | |
| 279.0 | 282.0 | 98.00 | 100.00 | | | N | |
| 282.0 | 285.0 | 100.00 | 100.00 | | | N | |
| 285.0 | 288.0 | 80.00 | 100.00 | | | N | |
| 288.0 | 291.0 | 67.00 | 100.00 | | | N | |
| 291.0 | 294.0 | 83.00 | 100.00 | | | N | |
| 294.0 | 297.0 | 100.00 | 100.00 | | | N | |
| 297.0 | 300.0 | 98.00 | 100.00 | | | N | |
| 300.0 | 303.0 | 90.00 | 100.00 | | | N | |
| 303.0 | 306.0 | 100.00 | 100.00 | | | N | |
| 306.0 | 309.0 | 100.00 | 100.00 | | | N | |
| 309.0 | 312.0 | 60.00 | 100.00 | | | N | |
| 312.0 | 315.0 | 92.00 | 100.00 | | | N | |
| 315.0 | 318.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC18-523

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 318.0 | 321.0 | 88.00 | 100.00 | | | N | |
| 321.0 | 324.0 | 100.00 | 100.00 | | | N | |
| 324.0 | 327.0 | 83.00 | 100.00 | | | N | |
| 327.0 | 330.0 | 63.00 | 100.00 | | | N | |
| 330.0 | 333.0 | 20.00 | 100.00 | | | N | |
| 333.0 | 336.0 | 63.00 | 100.00 | | | N | |
| 336.0 | 339.0 | 60.00 | 100.00 | | | N | |
| 339.0 | 342.0 | 57.00 | 100.00 | | | N | |
| 342.0 | 345.0 | 15.00 | 100.00 | | | N | |
| 345.0 | 348.0 | 87.00 | 100.00 | | | N | |
| 348.0 | 351.0 | 83.00 | 100.00 | | | N | |
| 351.0 | 354.0 | 98.00 | 100.00 | | | N | |
| 354.0 | 357.0 | 98.00 | 100.00 | | | N | |
| 357.0 | 360.0 | 92.00 | 100.00 | | | N | |
| 360.0 | 363.0 | 92.00 | 100.00 | | | N | |
| 363.0 | 366.0 | 100.00 | 100.00 | | | N | |
| 366.0 | 369.0 | 97.00 | 100.00 | | | N | |
| 369.0 | 372.0 | 93.00 | 100.00 | | | N | |
| 372.0 | 375.0 | 98.00 | 100.00 | | | N | |
| 375.0 | 378.0 | 100.00 | 100.00 | | | N | |
| 378.0 | 381.0 | 100.00 | 100.00 | | | N | |
| 381.0 | 384.0 | 70.00 | 100.00 | | | N | |
| 384.0 | 387.0 | 100.00 | 100.00 | | | N | |
| 387.0 | 390.0 | 80.00 | 62.00 | | | N | |
| 393.0 | 396.0 | 83.00 | 100.00 | | | N | |
| 396.0 | 399.0 | 98.00 | 100.00 | | | N | |
| 399.0 | 402.0 | 98.00 | 100.00 | | | N | |
| 402.0 | 405.0 | 77.00 | 100.00 | | | N | |

**Hole number:** KLUC18-523

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 405.0 | 408.0 | 67.00 | 100.00 | | | N | |
| 408.0 | 411.0 | 92.00 | 100.00 | | | N | |
| 411.0 | 414.0 | 87.00 | 100.00 | | | N | |
| 414.0 | 417.0 | 95.00 | 100.00 | | | N | |
| 417.0 | 420.0 | 77.00 | 100.00 | | | N | |
| 420.0 | 423.0 | 85.00 | 100.00 | | | N | |
| 423.0 | 426.0 | 67.00 | 100.00 | | | N | |
| 426.0 | 429.0 | 83.00 | 100.00 | | | N | |
| 429.0 | 432.0 | 100.00 | 100.00 | | | N | |
| 432.0 | 435.0 | 97.00 | 100.00 | | | N | |
| 435.0 | 438.0 | 97.00 | 100.00 | | | N | |
| 438.0 | 441.0 | 90.00 | 100.00 | | | N | |
| 441.0 | 444.0 | 77.00 | 100.00 | | | N | |
| 444.0 | 447.0 | 60.00 | 100.00 | | | N | |
| 447.0 | 450.0 | 87.00 | 100.00 | | | N | |
| 450.0 | 453.0 | 90.00 | 100.00 | | | N | |
| 453.0 | 456.0 | 98.00 | 100.00 | | | N | |
| 456.0 | 459.0 | 97.00 | 100.00 | | | N | |
| 459.0 | 462.0 | 100.00 | 100.00 | | | N | |
| 462.0 | 465.0 | 83.00 | 100.00 | | | N | |
| 465.0 | 468.0 | 100.00 | 100.00 | | | N | |
| 468.0 | 471.0 | 92.00 | 100.00 | | | N | |
| 471.0 | 474.0 | 97.00 | 100.00 | | | N | |
| 474.0 | 477.0 | 100.00 | 100.00 | | | N | |
| 477.0 | 480.0 | 100.00 | 100.00 | | | N | |
| 480.0 | 483.0 | 100.00 | 100.00 | | | N | |
| 483.0 | 486.0 | 100.00 | 100.00 | | | N | |
| 486.0 | 489.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC18-523

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 489.0 | 492.0 | 100.00 | 100.00 | | | N | |
| 492.0 | 495.0 | 100.00 | 100.00 | | | N | |
| 495.0 | 498.0 | 100.00 | 100.00 | | | N | |
| 498.0 | 501.0 | 100.00 | 100.00 | | | N | |
| 501.0 | 504.0 | 100.00 | 100.00 | | | N | |
| 504.0 | 506.5 | 100.00 | 83.00 | | | N | |

AGNICO EAGLE

# DRILL HOLE REPORT

## EXPLORATION CANADA ONTARIO

**Hole number:** KLUC18-524 **Project Number:** U_Canada **Project name:** Upper Canada

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Historic hole number:** | | **Collar survey:** | Y | **From:** | 0.0 | **Coordinates:** | P |
| **System:** | METRIC | **Verified:** | Y | **To:** | 501.0 | **Grid:** | UTM83-17_CSRS-2010: |
| **Target:** | U_CANADA | **Gas:** | N | **Depth:** | 501.0 | **North:** | 5,332,299.99 |
| **No. Claim:** | PAT-18808 | **Multishot survey:** | N | **Location:** | Surface | **East:** | 585,099.98 |
| **Year:** | 2 018 | **Is making water:** | N | **Core storage:** | Mine Site | **Elevation:** | 348.52 |
| **Date started:** | 12/14/2018 | **Object in hole:** | N | **Contractor:** | Major Diamond Drilling | **Collar dip:** | -44.90 |
| **Date logged:** | 2019-01-11 | **Pulse EM survey:** | N | **Logged by:** | Monica Oosterman | **Collar azimuth:** | 167.02 |
| **Date completed:** | 1/10/2019 | **Plugged:** | N | | | | |
| **Core size:** | NQ | **Cemented:** | N | **Signature:** | | | |
| **Hole type:** | EXP | **Branch:** | N | | | | |
| **Casing:** | Left in Hole, capped | **Reserve:** | | | | | |
| **Logging status:** | Signed | | | | | | |
| **Rig number:** | 1495 | | | | | | |

**Additional sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Planned hole UCP-040 (Pit 7)
Hole designed to test northern and southern MSO blocks on the K-ZONE;
fully stablized

**Assay average**

| Average type | From | To | Length | Width | Zone | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Pb_ppm | Ni_ppm | As_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WEIGHTED | 155.2 | 156.4 | 1.2 | | | 1.915 | | | | | | |
| WEIGHTED | 162.0 | 174.5 | 12.5 | | | 1.541 | | | | | | |
| WEIGHTED | 165.0 | 170.0 | 5.0 | | | 2.493 | | | | | | |

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 167.02 | -44.90 | S | O | |
| 117.0 | 172.70 | -44.70 | EZ | O | 54807 |
| 167.0 | 173.10 | -43.70 | EZ | O | 54018 |
| 207.0 | 173.80 | -44.40 | EZ | O | 54257 |
| 297.0 | 172.00 | -43.30 | EZ | O | 54144 |
| 357.0 | 172.80 | -42.20 | EZ | O | 54321 |
| 417.0 | 177.10 | -42.10 | EZ | O | 53971 |
| 57.0 | 170.70 | -45.30 | EZ | O | 54812 |
| 147.0 | 173.00 | -44.30 | EZ | O | 54795 |
| 177.0 | 172.80 | -44.70 | EZ | O | 54373 |
| 237.0 | 172.90 | -44.10 | EZ | O | 54086 |
| 327.0 | 172.00 | -42.40 | EZ | O | 54208 |
| 387.0 | 174.90 | -42.40 | EZ | O | 54916 |
| 447.0 | 177.60 | -41.90 | EZ | O | 54071 |

**Hole number:** KLUC18-524

| Certificate |
|---|
| TM19010641 |
| TM19010646 |
| TM19012320 |
| TM19012321 |
| TM19016589 |
| TM19016595 |
| TM19022962 |
| TM19022968 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505D18-025 | Excaon1 | CAOND117378 - CAOND117384<br>CAOND117386 - CAOND117500<br>CAOND117905 - CAOND118017<br>CAOND118064 - CAOND118153<br>CAOND118501 - CAOND118567 |
| CXE5505D18-026 | Excaon1 | CAOND118018 - CAOND118063<br>CAOND118154 - CAOND118234<br>CAOND118568 - CAOND118610 |
| CXE5505D18-027 | Excaon1 | CAOND118235 - CAOND118281<br>CAOND118611 - CAOND118661 |
| CXE5505D18-028 | Excaon1 | CAOND118282 - CAOND118441<br>CAOND118662 - CAOND119000<br>CAOND119501 - CAOND119522 |
| CXE5505D18WRA-017 | Excaon2-WRA | CAOND117385<br>CAOND117411<br>CAOND119001 - CAOND119004 |
| CXE5505D18WRA-018 | Excaon2-WRA | CAOND119005 - CAOND119008<br>CAOND119026 |
| CXE5505D18WRA-019 | Excaon2-WRA | CAOND119009<br>CAOND119027 |
| CXE5505D18WRA-020 | Excaon2-WRA | CAOND119010 - CAOND119015<br>CAOND119028 - CAOND119044<br>CAOND119053 - CAOND119059 |
| CXE5505D19-071 | Excaon1 | CAOND114322<br>CAOND114326<br>CAOND114329<br>CAOND114344<br>CAOND114351<br>CAOND114383<br>CAOND114423<br>CAOND114436<br>CAOND114443<br>CAOND114446<br>CAOND114454<br>CAOND114458<br>CAOND116718<br>CAOND116726<br>CAOND116858<br>CAOND116861<br>CAOND116872 |

| Sample number | Standard |
|---|---|
| CAOND118070 | BLANK-DB |
| CAOND118075 | CDN-GS-5U-AEM |
| CAOND118090 | CDN-CM-28-AEM |
| CAOND118115 | CDN-CM-24-AEM |
| CAOND118120 | BLANK-DB |
| CAOND118130 | CDN-GS-5U-AEM |
| CAOND118145 | CDN-CM-28-AEM |
| CAOND118160 | CDN-CM-24-AEM |
| CAOND118170 | BLANK-DB |
| CAOND118175 | CDN-GS-5U-AEM |
| CAOND118190 | CDN-CM-28-AEM |
| CAOND118215 | CDN-CM-24-AEM |
| CAOND118220 | BLANK-DB |
| CAOND118230 | CDN-GS-5U-AEM |
| CAOND118245 | CDN-CM-28-AEM |
| CAOND118260 | CDN-CM-24-AEM |
| CAOND118270 | BLANK-DB |
| CAOND118275 | CDN-GS-5U-AEM |
| CAOND118290 | CDN-CM-28-AEM |
| CAOND118315 | CDN-CM-24-AEM |
| CAOND118320 | BLANK-DB |
| CAOND118330 | CDN-GS-5U-AEM |
| CAOND118345 | CDN-CM-28-AEM |
| CAOND118360 | CDN-CM-24-AEM |
| CAOND118370 | BLANK-DB |
| CAOND118375 | CDN-GS-5U-AEM |
| CAOND118390 | CDN-CM-28-AEM |
| CAOND118415 | CDN-CM-24-AEM |
| CAOND118420 | BLANK-DB |
| CAOND118430 | CDN-GS-5U-AEM |

**Hole number:** KLUC18-524

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND116903 |
| | | CAOND116918 |
| | | CAOND116944 |
| | | CAOND116952 |
| | | CAOND116957 |
| | | CAOND116977 |
| | | CAOND116988 |
| | | CAOND117059 |
| | | CAOND117063 |
| | | CAOND117069 - CAOND117070 |
| | | CAOND117091 |
| | | CAOND117117 |
| | | CAOND117121 |
| | | CAOND117134 |
| | | CAOND117146 |
| | | CAOND117169 |
| | | CAOND117177 |
| | | CAOND117193 |
| | | CAOND117197 |
| | | CAOND117232 |
| | | CAOND117251 |
| | | CAOND117276 |
| | | CAOND117285 |
| | | CAOND117287 |
| | | CAOND117307 |
| | | CAOND117317 |
| | | CAOND117348 |
| | | CAOND117352 - CAOND117354 |
| | | CAOND117367 |
| | | CAOND117376 |
| | | CAOND117408 |
| | | CAOND117410 |
| | | CAOND117431 |
| | | CAOND117467 |
| | | CAOND117489 |
| | | CAOND117492 - CAOND117493 |
| | | CAOND117501 |
| | | CAOND117563 - CAOND117564 |
| | | CAOND117591 |
| | | CAOND117596 |
| | | CAOND117619 |
| | | CAOND117622 |
| | | CAOND117631 - CAOND117632 |

**Hole number:** KLUC18-524

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND117670 |
| | | CAOND117678 - CAOND117679 |
| | | CAOND117681 |
| | | CAOND117691 |
| | | CAOND117696 |
| | | CAOND117732 - CAOND117733 |
| | | CAOND117761 |
| | | CAOND117778 |
| | | CAOND117788 |
| | | CAOND117803 |
| | | CAOND117817 |
| | | CAOND117863 |
| | | CAOND117871 |
| | | CAOND117936 |
| | | CAOND117981 |
| | | CAOND118114 |
| | | CAOND118135 |
| | | CAOND118143 |
| | | CAOND118145 |
| | | CAOND118236 |
| | | CAOND118251 |
| | | CAOND118287 |
| | | CAOND118301 |
| | | CAOND118316 |
| | | CAOND118319 |
| | | CAOND118346 |
| | | CAOND118351 |
| | | CAOND118381 |
| | | CAOND118395 |
| | | CAOND118410 |
| | | CAOND118436 |
| | | CAOND118463 |
| | | CAOND118479 |
| | | CAOND118481 |
| | | CAOND118539 |
| | | CAOND118556 |
| | | CAOND118618 |
| | | CAOND118631 |
| | | CAOND118664 |
| | | CAOND118684 |
| | | CAOND118686 |
| | | CAOND118688 |
| | | CAOND118707 |

**Hole number:** KLUC18-524

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND118720 |
| | | CAOND118754 |
| | | CAOND118793 |
| | | CAOND118829 |
| | | CAOND118835 |
| | | CAOND118851 |
| | | CAOND118859 |
| | | CAOND118862 |
| | | CAOND118897 |
| | | CAOND118933 |
| | | CAOND118941 |
| | | CAOND118947 |
| | | CAOND118954 |
| | | CAOND118966 |
| | | CAOND118981 |
| | | CAOND119502 |
| | | CAOND119526 |
| | | CAOND119551 |
| | | CAOND119564 |
| | | CAOND119569 |
| | | CAOND119571 |
| | | CAOND119573 |
| | | CAOND119583 |
| | | CAOND119585 |
| | | CAOND119591 |
| | | CAOND119621 |
| | | CAOND119645 |
| | | CAOND119677 |
| | | CAOND119771 |
| | | CAOND119802 |
| | | CAOND119809 |
| | | CAOND119817 |
| | | CAOND119841 |
| | | CAOND119846 |
| | | CAOND119873 |
| | | CAOND119913 |
| | | CAOND119918 |
| | | CAOND120032 - CAOND120033 |
| | | CAOND120048 |
| | | CAOND120081 |
| | | CAOND120085 |
| | | CAOND120118 |
| | | CAOND120170 |

**Hole number:** KLUC18-524

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND120183 |
| | | CAOND120361 |
| | | CAOND120371 |
| | | CAOND120381 |
| | | CAOND120399 |
| | | CAOND120422 |
| | | CAOND120481 |
| | | CAOND120512 |
| | | CAOND120566 - CAOND120567 |
| | | CAOND120569 |
| | | CAOND120581 |
| | | CAOND120618 |
| | | CAOND120632 |
| | | CAOND120637 |
| | | CAOND120643 |
| | | CAOND120658 |
| | | CAOND120685 |
| | | CAOND120687 |
| | | CAOND120692 |
| | | CAOND120701 |
| | | CAOND120712 |

*The sample list may content samples from other holes

**Major:** **From:** 0.00 **To:** 45.70 OVB, Overburden

first block is off

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

45.00, 45.70, PYR, DIS, .10, -, VFG, very fine grained

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

45.00, 45.70, CHL+, PEN, MOD, GRN2_BASIC, VFG, -, green black bands which are chloritized.

45.00, 45.70, ANK+, PEN, STRONG, GRY_00025, VFG, -, stain blue

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

45.00, 45.70, FOL, MOD, 50.00, -, -, -, -

**Major:** **From:** 45.70 **To:** 85.50 V8mtl, Trachyte mafic tuff lapilli

Weakly mineralized mafic lapilli tuff (and some tuffacous units possible wacke???) - black and light pink ribbony looking rock, non magnetic to strongly magnetic (depending on amount of sercite alteration). Dark black matrix thought with pinkish fragments stretched along strong foliation at 50 degrees. Weak

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118064 | 45.7 | 47.0 | 1.3 | 0.019 | | | | |
| CAOND118065 | 47.0 | 48.5 | 1.5 | 0.022 | | | | |

**Hole number:** KLUC18-524

calcite and moderate pervasive ankerite. unit alternates from light gray to darker gray depending on degree of sercite alteration. Unit in general contians very fine grained pyrite in trace amounts. Where there is increased sercite or areas proximal to veining sulphides may increase to 3%. Veining conists of ankerite and quartz are in general 1cm wide, they form along foliation or cutting foliation at high angle often wormy in appearance (folded)

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

45.70, 55.70, PYR, DIS, .10, -, VFG, very fine grained
55.70, 78.00, PYR, DIS, 3.00, -, VFG, fine grained
78.00, 85.50, PYR, DIS, .10, -, VFG, fine grained

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

45.70, 55.70, CHL+, PEN, MOD, GRN2_BASIC, VFG, -, green black bands which are chloritized.
45.70, 85.50, ANK+, PEN, STRONG, GRY_00025, VFG, -, stain blue
55.70, 66.80, SER+, PEN, STRONG, GRY2_BASIC, VFG, -, light green gray pervasive alteration bleaching rock.
66.80, 85.50, CHL+, PEN, MOD, GRN2_BASIC, VFG, -, light green gray alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

45.70, 85.50, FOL, MOD, 50.00, -, -, -, -
65.70, 65.75, GGE, -, -, -, -, -, -
82.70, 82.75, GGE, -, -, -, -, -, -
83.60, 83.65, GGE, -, -, -, -, -, -
85.50, 85.50, LWC, -, 50.00, -, -, -, sharp along foliation

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

60.00, 60.25, ANK, 90.00, 50.00, -, -, -, PNK2_BASIC, .25, MAS, -, -, -
64.20, 64.50, ANK, 65.00, 50.00, -, -, -, PNK2_BASIC, .30, MAS, PYR, .10, -
69.60, 70.00, ANK, 90.00, 90.00, -, -, -, PNK2_BASIC, 80.00, MAS, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118066 | 48.5 | 50.0 | 1.5 | 0.013 | | | | |
| CAOND118067 | 50.0 | 51.5 | 1.5 | 0.063 | | | | |
| CAOND118068 | 51.5 | 53.0 | 1.5 | 0.052 | | | | |
| CAOND118069 | 53.0 | 54.5 | 1.5 | 0.110 | | | | |
| CAOND118071 | 54.5 | 55.7 | 1.2 | 0.257 | | | | |
| CAOND118072 | 55.7 | 57.0 | 1.3 | 0.417 | | | | |
| CAOND118073 | 57.0 | 58.5 | 1.5 | 0.199 | | | | |
| CAOND118074 | 58.5 | 60.0 | 1.5 | 0.799 | | | | |
| CAOND118076 | 60.0 | 61.0 | 1.0 | 0.968 | | | | |
| CAOND118077 | 61.0 | 62.5 | 1.5 | 0.519 | | | | |
| CAOND118078 | 62.5 | 64.0 | 1.5 | 0.231 | | | | |
| CAOND118079 | 64.0 | 65.0 | 1.0 | 0.179 | | | | |
| CAOND118081 | 65.0 | 66.5 | 1.5 | 0.078 | | | | |
| CAOND118082 | 66.5 | 68.0 | 1.5 | 0.053 | | | | |
| CAOND118083 | 68.0 | 69.5 | 1.5 | 0.034 | | | | |
| CAOND118084 | 69.5 | 70.0 | 0.5 | 0.038 | | | | |
| CAOND118085 | 70.0 | 71.5 | 1.5 | 0.060 | | | | |
| CAOND118086 | 71.5 | 73.0 | 1.5 | 0.127 | | | | |
| CAOND118087 | 73.0 | 74.0 | 1.0 | 0.090 | | | | |
| CAOND118088 | 74.0 | 75.5 | 1.5 | 0.054 | | | | |
| CAOND118089 | 75.5 | 77.0 | 1.5 | 0.145 | | | | |
| CAOND118091 | 77.0 | 78.0 | 1.0 | 0.551 | | | | |
| CAOND118092 | 78.0 | 79.0 | 1.0 | 0.671 | | | | |
| CAOND118093 | 79.0 | 80.5 | 1.5 | 0.304 | | | | |
| CAOND118094 | 80.5 | 82.0 | 1.5 | 0.135 | | | | |
| CAOND118095 | 82.0 | 83.5 | 1.5 | 0.179 | | | | |
| CAOND118096 | 83.5 | 84.5 | 1.0 | 0.182 | | | | |
| CAOND118097 | 84.5 | 85.5 | 1.0 | 0.129 | | | | |

**Major:** **From:** 85.50 **To:** 106.00 S3, GRAUWACKE

Foliated Wacke - Medium to coarse grained, non magnetic, weakly mineralized, strongly sausertized. Unit is bleached to light gray white, grains are mottled rounded and appear to be recrystallized. Foliation is defined by thin laminations of alternating dark and white bands @ 50 degrees. Minor quartz/ankerite veins which are strongly deformed, wormy and boudinaged. Minor disseminated pyrite in trace amounts, very fine grained. Sharp UCT at 50 and lower contact at 50. From 96-106m the unit

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118098 | 85.5 | 87.0 | 1.5 | 0.161 | | | | |
| CAOND118099 | 87.0 | 88.5 | 1.5 | 0.289 | | | | |
| CAOND118101 | 88.5 | 90.0 | 1.5 | 0.029 | | | | |
| CAOND118102 | 90.0 | 91.5 | 1.5 | 0.013 | | | | |

**Hole number:** KLUC18-524

appears to be weakly brecciated giving a fragmental appearance.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

85.50, 93.00, PYR, DIS, .10, -, VFG, finegrained

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

85.50, 106.00, ANK+, PEN, STRONG, GRY_00025, VFG, -, stain blue
85.50, 106.00, SER+, PEN, STRONG, GRY2_BASIC, VFG, -, light green gray pervasive alteration bleaching rock.

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

85.50, 106.00, FOL, MOD, 50.00, -, -, -, -
85.50, 85.50, LWC, -, 50.00, -, -, -, sharp along foliation
96.00, 106.00, BRC, WEAK, 50.00, -, -, -, autobreccia
105.90, 106.00, LWC, -, 40.00, -, -, -, gradational contact

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118103 | 91.5 | 93.0 | 1.5 | 0.012 | | | | |
| CAOND118104 | 93.0 | 94.5 | 1.5 | 0.011 | | | | |
| CAOND118105 | 94.5 | 96.0 | 1.5 | 0.036 | | | | |
| CAOND118106 | 96.0 | 97.5 | 1.5 | 0.015 | | | | |
| CAOND118107 | 97.5 | 99.0 | 1.5 | 0.038 | | | | |
| CAOND118108 | 99.0 | 100.5 | 1.5 | 0.026 | | | | |
| CAOND118109 | 100.5 | 102.0 | 1.5 | 0.010 | | | | |
| CAOND118110 | 102.0 | 103.5 | 1.5 | 0.009 | | | | |
| CAOND118111 | 103.5 | 105.0 | 1.5 | 0.021 | | | | |
| CAOND118112 | 105.0 | 106.0 | 1.0 | 0.043 | | | | |

**Major:** **From:** 106.00 **To:** 123.80 S1, CONGLOMÉRAT

Moderately foliated conglomerate - Polymictic, matrix clast supporte 40% matrix and 60 % clasts. Clasts range in size from 0.5 to 3 cm wide and are all elongated along foliation at 50 degrees. unit has dark black strongly chloritized matrix and and pink hematized clasts. Unit contians trace amounts of disseminated sulpide up to 1 %. In general is non magnetic but can be weakly magnetic.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

112.15, 116.00, PYR, SEL, 1.00, -, FGR, formed in matrix

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

106.00, 123.80, CAL+, SEL, STRONG, PNK2_BASIC, VFG, -, in pink clasts of conglomerate
106.00, 123.80, CHL+, SEL, STRONG, RED_00001, VFG, -, matrix is black altered to chlorite.

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

106.00, 112.00, FOL, MOD, 40.00, -, -, -, -
106.00, 123.80, FOL, WEAK, -, -, -, -, 60
110.00, 110.01, BRF, STRONG, 20.00, -, -, -, Thin breccia gauge.
110.00, 113.00, BRR, WEAK, 40.00, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118113 | 106.0 | 107.5 | 1.5 | 0.256 | | | | |
| CAOND118114 | 107.5 | 109.0 | 1.5 | 0.294 | | | | |
| CAOND118116 | 109.0 | 110.5 | 1.5 | 0.299 | | | | |
| CAOND118117 | 110.5 | 112.0 | 1.5 | 0.061 | | | | |
| CAOND118118 | 112.0 | 112.5 | 0.5 | 0.159 | | | | |
| CAOND118119 | 112.5 | 113.5 | 1.0 | 0.335 | | | | |
| CAOND118121 | 113.5 | 114.5 | 1.0 | 0.518 | | | | |
| CAOND118122 | 114.5 | 116.0 | 1.5 | 0.522 | | | | |
| CAOND118123 | 116.0 | 117.0 | 1.0 | 0.140 | | | | |
| CAOND118124 | 117.0 | 118.5 | 1.5 | 0.210 | | | | |
| CAOND118126 | 118.5 | 120.0 | 1.5 | 0.172 | | | | |
| CAOND118127 | 120.0 | 121.5 | 1.5 | 0.108 | | | | |
| CAOND118128 | 121.5 | 123.0 | 1.5 | 0.072 | | | | |
| CAOND118129 | 123.0 | 123.8 | 0.8 | 0.079 | | | | |

**Major:** **From:** 123.80 **To:** 129.00 S3, GRAUWACKE

massive Wacke - Medium grained, moderately magnetic, weakly mineralized in trace amounts. Minor disseminated pyrite in trace amounts, very fine grained. strong interstial calcite and strong chlroite. From 127-129m 2% 1cm ankerite quatz veins which are worm like. Sharp UCT at 50 and lower contact

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118131 | 123.8 | 125.0 | 1.2 | 0.051 | | | | |
| CAOND118132 | 125.0 | 126.5 | 1.5 | 0.040 | | | | |

**Hole number:** KLUC18-524

at 50. From 96-106m the unit appears to be weakly brecciated giving a fragmental appearance.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

123.80, 129.00, CAL+, SEL, STRONG, PNK2_BASIC, VFG, -, in pink clasts of conglomerate
123.80, 129.00, CHL+, SEL, STRONG, RED_00001, VFG, -, matrix is black altered to chlorite.

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

123.80, 129.00, FOL, WEAK, -, -, -, -, 60

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

127.50, 129.00, ANK, 2.00, 80.00, -, -, -, PNK2_BASIC, 1.00, MAS, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118133 | 126.5 | 127.5 | 1.0 | 0.022 | | | | |
| CAOND118134 | 127.5 | 129.0 | 1.5 | 0.024 | | | | |

**Major:** **From:** 129.00 **To:** 155.15 S1, CONGLOMÉRAT

Moderately to strongly foliated conglomerate - Polymictic, matrix clast supporte 40% matrix and 60 % clasts. Clasts range in size from 0.5 to 3 cm wide and are all elongated along foliation at 50 degrees. unit has dark black strongly chloritized matrix and and pink hematized clasts. Strongl pervasive ankerite alteration which stains blue. Sulphides seen in matrix assoicated with sercite and chlroite alteration whisps. Minor amount of wacke in unit up to 10%. Unit contians trace amounts of disseminated sulpide up to 3 %. In general is non magnetic but can be weakly magnetic.

**MINOR INTERVAL**

142.00 - 145.00: S3Bleached wacke

**MINOR INTERVAL**

149.55 - 154.00: S3

**MINOR INTERVAL**

154.00 - 155.15: V8

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

129.00, 155.15, CAL+, SEL, STRONG, PNK2_BASIC, VFG, -, in pink clasts of conglomerate
129.00, 155.15, CHL+, SEL, STRONG, RED_00001, VFG, -, matrix is black altered to chlorite.
131.80, 155.15, ANK+, PEN, STRONG, -, VFG, -, stain blue

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

129.00, 155.15, FOL, WEAK, -, -, -, -, 60
154.00, 155.15, FOL, STRONG, 50.00, -, -, -, unit is strongly foliated because it is probably a V8

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118135 | 129.0 | 130.5 | 1.5 | 0.039 | | | | |
| CAOND118136 | 130.5 | 132.0 | 1.5 | 0.286 | | | | |
| CAOND118137 | 132.0 | 133.5 | 1.5 | 0.078 | | | | |
| CAOND118138 | 133.5 | 135.0 | 1.5 | 0.202 | | | | |
| CAOND118139 | 135.0 | 136.5 | 1.5 | 0.106 | | | | |
| CAOND118140 | 136.5 | 138.0 | 1.5 | 0.094 | | | | |
| CAOND118141 | 138.0 | 139.5 | 1.5 | 0.051 | | | | |
| CAOND118142 | 139.5 | 141.0 | 1.5 | 0.059 | | | | |
| CAOND118143 | 141.0 | 142.0 | 1.0 | 0.331 | | | | |
| CAOND118144 | 142.0 | 143.5 | 1.5 | 0.116 | | | | |
| CAOND118146 | 143.5 | 145.0 | 1.5 | 0.038 | | | | |
| CAOND118147 | 145.0 | 146.5 | 1.5 | 0.100 | | | | |
| CAOND118148 | 146.5 | 148.0 | 1.5 | 0.184 | | | | |
| CAOND118149 | 148.0 | 149.5 | 1.5 | 0.299 | | | | |
| CAOND118151 | 149.5 | 151.0 | 1.5 | 0.061 | | | | |
| CAOND118152 | 151.0 | 152.5 | 1.5 | 0.052 | | | | |
| CAOND118153 | 152.5 | 154.0 | 1.5 | 0.255 | | | | |
| CAOND118154 | 154.0 | 155.2 | 1.2 | 0.080 | | | | |

**Hole number:** KLUC18-524

134.00, 135.00, QTZ, 1.00, 10.00, -, -, -, GRY_00025, 1.00, MAS, -, -, -

**Major:** **From:** 155.15 **To:** 180.00 FP, Feldspar porphyry

Mineralized feldspar porphyry -light beige pink, aphantic matrix which appears silicous and rounded porphyrytic feldspars (0.3cm). Feldspars have diffuse edges. Unit is massive to foliated at 60 degrees. Alteration consists of sercite and ankerite. Ankerite is pervasive and sercite froms as light green whisps through rocks along foliation. Areas of unit are pitted. Minor wormy ankerite+/- quartz veins which in general form at high angles to core. Dusting of fine grained suphide ~3% pyrite.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

155.15, 166.15, PYR, DIS, 1.00, -, FGR, dusting

166.15, 180.00, PYR, SEL, 3.00, -, FGR, forms with sercite whisps

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

155.15, 180.00, ANK+, PEN, STRONG, -, VFG, -, stain blue

155.15, 180.00, SER+, PEN, STRONG, GRY2_BASIC, VFG, -, bleaching of unit.

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

155.15, 166.15, FOL, WEAK, -, -, -, -, 60

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

179.50, 180.00, QtzAnk, 1.00, 10.00, -, -, -, GRY_00025, 1.00, MAS, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118155 | 155.2 | 156.4 | 1.3 | 1.915 | | | | |
| CAOND118156 | 156.4 | 157.8 | 1.4 | 0.321 | | | | |
| CAOND118157 | 157.8 | 159.0 | 1.2 | 0.223 | | | | |
| CAOND118158 | 159.0 | 160.5 | 1.5 | 0.032 | | | | |
| CAOND118159 | 160.5 | 162.0 | 1.5 | 0.098 | | | | |
| CAOND118161 | 162.0 | 163.5 | 1.5 | 1.920 | | | | |
| CAOND118162 | 163.5 | 165.0 | 1.5 | 0.243 | | | | |
| CAOND118163 | 165.0 | 166.2 | 1.2 | 4.930 | | | | |
| CAOND118164 | 166.2 | 167.4 | 1.3 | 0.616 | | | | |
| CAOND118165 | 167.4 | 168.6 | 1.2 | 0.110 | | | | |
| CAOND118166 | 168.6 | 170.0 | 1.4 | 4.210 | | | | |
| CAOND118167 | 170.0 | 171.5 | 1.5 | 0.106 | | | | |
| CAOND118168 | 171.5 | 173.0 | 1.5 | 0.379 | | | | |
| CAOND118169 | 173.0 | 174.5 | 1.5 | 1.885 | | | | |
| CAOND118171 | 174.5 | 176.0 | 1.5 | 0.345 | | | | |
| CAOND118172 | 176.0 | 177.5 | 1.5 | 0.111 | | | | |
| CAOND118173 | 177.5 | 179.0 | 1.5 | 0.195 | | | | |
| CAOND118174 | 179.0 | 180.0 | 1.0 | 0.187 | | | | |

**Major:** **From:** 180.00 **To:** 203.00 CTZ, Contact Zone

Chill zone on porphyry or fine grained arkose - light pink with black streaks froming along foliation. moderately foliated at 85 degrees, weakly mineralized, in general non magnetic but places are moderately magnetic. Strong black chlorite found interstital and along fractures. Pervasive weak hematite. unit is fine grained with some remaining feldsars still visable. Sulphides from in trace amounts. Thin hairline fracture infills of carbaonate, no calcite. Strong pervasive ankerite.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

180.00, 183.00, PYR, SEL, 3.00, -, FGR, forms with sercite whisps

183.00, 183.40, PYR, DIS, 5.00, -, FGR, form with chlorite

183.90, 185.20, PYR, DIS, 5.00, -, FGR, form with chlorite

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

180.00, 203.00, ANK+, PEN, STRONG, -, VFG, -, stain blue

180.00, 203.00, CHL+, SEL, MOD, RED_00001, VFG, -, along fractures and interstial

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118176 | 180.0 | 181.5 | 1.5 | 0.139 | | | | |
| CAOND118177 | 181.5 | 183.0 | 1.5 | 0.127 | | | | |
| CAOND118178 | 183.0 | 183.9 | 0.9 | 0.061 | | | | |
| CAOND118179 | 183.9 | 185.2 | 1.3 | 0.086 | | | | |
| CAOND118181 | 185.2 | 186.5 | 1.3 | 0.086 | | | | |
| CAOND118182 | 186.5 | 188.0 | 1.5 | 0.138 | | | | |
| CAOND118183 | 188.0 | 189.5 | 1.5 | 0.075 | | | | |
| CAOND118184 | 189.5 | 191.0 | 1.5 | 0.030 | | | | |
| CAOND118185 | 191.0 | 192.5 | 1.5 | 0.005 | | | | |
| CAOND118186 | 192.5 | 194.0 | 1.5 | 0.066 | | | | |
| CAOND118187 | 194.0 | 195.5 | 1.5 | 0.007 | | | | |

**Hole number:** KLUC18-524

180.00, 203.00, HEM+, PEN, WEAK, PNK2_BASIC, VFG, -, light pink colour

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
180.00, 203.00, FOL, WEAK, 85.00, -, -, -, defined by chlorite

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
197.50, 197.80, QTZ, 5.00, 10.00, -, -, -, GRY_00025, 1.00, MAS, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118188 | 195.5 | 197.0 | 1.5 | 0.296 | | | | |
| CAOND118189 | 197.0 | 197.8 | 0.8 | 0.027 | | | | |
| CAOND118191 | 197.8 | 199.0 | 1.2 | 0.066 | | | | |
| CAOND118192 | 199.0 | 200.5 | 1.5 | 0.068 | | | | |
| CAOND118193 | 200.5 | 202.0 | 1.5 | 0.015 | | | | |
| CAOND118194 | 202.0 | 203.0 | 1.0 | 0.296 | | | | |

**Major:** **From:** 203.00 **To:** 215.60 S3, GRAUWACKE

Strong sercite altered wacke, possilby bleach porphyry but saw minor rounded quartz clasts - Strongly altered light green beige, Unit is weakly foliated at 85 degrees. Original textures are obliterated by alteration, Strong pervasive ankerite alteration. Weakly mineralized with 1% disseminated pyrite. minor chlorite seen along fracture polanes.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
203.00, 215.60, PYR, DIS, 1.00, -, VFG, fine grained blebs

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
203.00, 215.60, ANK+, PEN, STRONG, -, VFG, -, stain blue
203.00, 215.60, SER+, PEN, STRONG, GRN2_BASIC, VFG, -, destroy texture of the rock.

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
203.00, 215.60, FOL, WEAK, 85.00, -, -, -, defined by chlorite
215.00, 215.60, PMN, WEAK, 60.00, -, -, -, weak alignment of phenocyrsts

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
211.85, 212.25, QtzAnk, 25.00, 75.00, -, -, -, GRY_00025, 1.00, BOD, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118195 | 203.0 | 204.5 | 1.5 | 0.076 | | | | |
| CAOND118196 | 204.5 | 206.0 | 1.5 | 0.047 | | | | |
| CAOND118197 | 206.0 | 207.5 | 1.5 | 0.124 | | | | |
| CAOND118198 | 207.5 | 209.0 | 1.5 | 0.101 | | | | |
| CAOND118199 | 209.0 | 210.5 | 1.5 | 0.063 | | | | |
| CAOND118201 | 210.5 | 211.9 | 1.4 | 0.159 | | | | |
| CAOND118202 | 211.9 | 212.3 | 0.4 | 0.461 | | | | |
| CAOND118203 | 212.3 | 213.5 | 1.3 | 0.257 | | | | |
| CAOND118204 | 213.5 | 215.0 | 1.5 | 0.078 | | | | |
| CAOND118205 | 215.0 | 215.6 | 0.6 | 0.016 | | | | |

**Major:** **From:** 215.60 **To:** 309.00 FP, Feldspar porphyry

Mineralized feldspar porphyry -light pink, phenocryst dominated feldspars (0.3cm). Unit is massive to foliated at 60 degrees, feldspars stretched along foliation. Alteration consists of sercite and ankerite. Ankerite is pervasive chlorite forms in matrix. Dusting of fine grained suphide ~tr to 1% pyrite. Unit phenocyrst rich 60-70% phenocyrsts. Lower contact is faulted with increased foliation (shearing) in last 3 m of unit.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118206 | 215.6 | 217.0 | 1.4 | 0.007 | | | | |
| CAOND118207 | 217.0 | 218.5 | 1.5 | 0.008 | | | | |
| CAOND118208 | 218.5 | 220.0 | 1.5 | 0.008 | | | | |
| CAOND118209 | 220.0 | 221.5 | 1.5 | 0.009 | | | | |
| CAOND118210 | 221.5 | 223.0 | 1.5 | 0.006 | | | | |

**Hole number:** KLUC18-524

215.60, 309.00, PYR, DIS, .10, -, VFG, disseminated through out unit

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

215.60, 248.60, ANK+, PEN, STRONG, -, VFG, -, stain blue
215.60, 309.00, CHL+, SEL, MOD, GRN2_BASIC, VFG, -, in matrix

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

215.60, 216.00, FOL, WEAK, 85.00, -, -, -, defined by chlorite
215.60, 248.00, PMN, WEAK, 60.00, -, -, -, weak alignment of phenocyrsts
248.00, 309.00, FOL, STRONG, 20.00, -, -, -, wavy from 5 to 20
290.25, 290.40, MNC, STRONG, 90.00, -, -, -, isolated slip
297.50, 298.00, BRC, MOD, 60.00, -, -, -, -
305.30, 306.00, FOL, STRONG, 90.00, -, -, -, -
305.30, 309.00, FZN, STRONG, 60.00, -, -, -, brittle ductile fault with strong shearing, blocky core and fault gauge
306.00, 309.00, FOL, STRONG, 60.00, -, -, -, increase ductile deformation

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

240.30, 244.00, QTZ, 1.00, 10.00, -, -, -, GRY_00025, 1.00, MAS, -, -, -
279.60, 280.10, QtzAnk, 30.00, 60.00, -, -, -, GRY_00025, 5.00, MAS, -, -, -
284.20, 286.50, QtzAnk, 3.00, 10.00, -, -, -, GRY_00025, 1.50, MAS, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118211 | 223.0 | 224.5 | 1.5 | 0.003 | | | | |
| CAOND118212 | 224.5 | 226.0 | 1.5 | 0.003 | | | | |
| CAOND118213 | 226.0 | 227.5 | 1.5 | 0.007 | | | | |
| CAOND118214 | 227.5 | 229.0 | 1.5 | 0.042 | | | | |
| CAOND118216 | 229.0 | 230.5 | 1.5 | 0.163 | | | | |
| CAOND118217 | 230.5 | 232.0 | 1.5 | 0.145 | | | | |
| CAOND118218 | 232.0 | 233.5 | 1.5 | 0.003 | | | | |
| CAOND118219 | 233.5 | 235.0 | 1.5 | 0.005 | | | | |
| CAOND118221 | 235.0 | 236.5 | 1.5 | 0.006 | | | | |
| CAOND118222 | 236.5 | 238.0 | 1.5 | 0.007 | | | | |
| CAOND118223 | 238.0 | 239.5 | 1.5 | 0.003 | | | | |
| CAOND118224 | 239.5 | 240.3 | 0.8 | 0.003 | | | | |
| CAOND118226 | 240.3 | 241.5 | 1.2 | 0.007 | | | | |
| CAOND118227 | 241.5 | 242.5 | 1.0 | 0.009 | | | | |
| CAOND118228 | 242.5 | 244.0 | 1.5 | 0.010 | | | | |
| CAOND118229 | 244.0 | 245.5 | 1.5 | 0.003 | | | | |
| CAOND118231 | 245.5 | 247.0 | 1.5 | 0.005 | | | | |
| CAOND118232 | 247.0 | 248.5 | 1.5 | 0.006 | | | | |
| CAOND118233 | 248.5 | 250.0 | 1.5 | 0.003 | | | | |
| CAOND118234 | 250.0 | 251.5 | 1.5 | 0.005 | | | | |
| CAOND118235 | 251.5 | 253.0 | 1.5 | 0.003 | | | | |
| CAOND118236 | 253.0 | 254.0 | 1.0 | 0.003 | | | | |
| CAOND118237 | 254.0 | 255.0 | 1.0 | 0.015 | | | | |
| CAOND118238 | 255.0 | 256.5 | 1.5 | 0.003 | | | | |
| CAOND118239 | 256.5 | 258.0 | 1.5 | 0.016 | | | | |
| CAOND118240 | 258.0 | 259.5 | 1.5 | 0.024 | | | | |
| CAOND118241 | 259.5 | 261.0 | 1.5 | 0.005 | | | | |
| CAOND118242 | 261.0 | 262.5 | 1.5 | 0.003 | | | | |
| CAOND118243 | 262.5 | 264.0 | 1.5 | 0.006 | | | | |
| CAOND118244 | 264.0 | 265.5 | 1.5 | 0.009 | | | | |
| CAOND118246 | 265.5 | 267.0 | 1.5 | 0.008 | | | | |
| CAOND118247 | 267.0 | 268.5 | 1.5 | 0.025 | | | | |
| CAOND118248 | 268.5 | 270.0 | 1.5 | 0.006 | | | | |

**Hole number:** KLUC18-524

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118249 | 270.0 | 271.5 | 1.5 | 0.003 | | | | |
| CAOND118251 | 271.5 | 273.0 | 1.5 | 0.013 | | | | |
| CAOND118252 | 273.0 | 274.5 | 1.5 | 0.005 | | | | |
| CAOND118253 | 274.5 | 276.0 | 1.5 | 0.006 | | | | |
| CAOND118254 | 276.0 | 277.5 | 1.5 | 0.003 | | | | |
| CAOND118255 | 277.5 | 278.5 | 1.0 | 0.003 | | | | |
| CAOND118256 | 278.5 | 279.6 | 1.1 | 0.003 | | | | |
| CAOND118257 | 279.6 | 280.1 | 0.5 | 0.003 | | | | |
| CAOND118258 | 280.1 | 281.5 | 1.4 | 0.003 | | | | |
| CAOND118259 | 281.5 | 283.0 | 1.5 | 0.011 | | | | |
| CAOND118261 | 283.0 | 284.2 | 1.2 | 0.005 | | | | |
| CAOND118262 | 284.2 | 285.6 | 1.4 | 0.003 | | | | |
| CAOND118263 | 285.6 | 286.5 | 0.9 | 0.005 | | | | |
| CAOND118264 | 286.5 | 288.0 | 1.5 | 0.003 | | | | |
| CAOND118265 | 288.0 | 289.5 | 1.5 | 0.003 | | | | |
| CAOND118266 | 289.5 | 291.0 | 1.5 | 0.231 | | | | |
| CAOND118267 | 291.0 | 292.5 | 1.5 | 0.016 | | | | |
| CAOND118268 | 292.5 | 294.0 | 1.5 | 0.003 | | | | |
| CAOND118269 | 294.0 | 295.5 | 1.5 | 0.003 | | | | |
| CAOND118271 | 295.5 | 297.0 | 1.5 | 0.005 | | | | |
| CAOND118272 | 297.0 | 298.0 | 1.0 | 0.012 | | | | |
| CAOND118273 | 298.0 | 299.5 | 1.5 | 0.010 | | | | |
| CAOND118274 | 299.5 | 301.0 | 1.5 | 0.003 | | | | |
| CAOND118276 | 301.0 | 302.5 | 1.5 | 0.005 | | | | |
| CAOND118277 | 302.5 | 304.0 | 1.5 | 0.003 | | | | |
| CAOND118278 | 304.0 | 305.3 | 1.3 | 0.010 | | | | |
| CAOND118279 | 305.3 | 306.5 | 1.2 | 0.008 | | | | |
| CAOND118281 | 306.5 | 308.0 | 1.5 | 0.047 | | | | |
| CAOND118282 | 308.0 | 309.0 | 1.0 | 0.037 | | | | |

**Major:** **From:** 309.00 **To:** 501.00 V8m, Trachyte mafic

cherty looking trachytic flow - Black with pink wisps, strongly foliated at 5\30 degrees, wavy foliation defined by pink wisps. very uniform looking rock. Blocky core because of low angle fabric. Rock breaks in sharp brittle fashion. mainly ribbon looking but some areas look interusive with fine grained black matrix with white calcite porphyoblasts. Strong pervasive chlorite and wispy hematite alteration.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118283 | 309.0 | 310.0 | 1.0 | 0.073 | | | | |
| CAOND118284 | 310.0 | 311.0 | 1.0 | 0.011 | | | | |
| CAOND118285 | 311.0 | 311.5 | 0.5 | 0.007 | | | | |

**Hole number:** KLUC18-524

Unit is aphanitic. Mineralization in general is barren, patches of fine grained disseminated sulphide up to 15% (patches are generally 10cm wide), some cubic pyrite is also noted. Isolated areas of quartz calcite veins seen generally as array along foliation. Strong calcite/hemaite stringers which form along foliation, 25% veinlets. Sharp upper contact at 20

**MINOR INTERVAL**

409.50 - 421.45: V8mPorphDark black matrix with 0.3-0.5 cm wide phenocyrsts of calcite. unit is massive and spotted in appearance. matrix supported. disseminated pyrite forms at upper and lower contacts.

**MINOR INTERVAL**

459.60 - 465.50: S3Non mineralized wacke - light green grey, strongly foliated at 5-30 degrees, foliation undulates , unit has minor calcite stringer which form along foliation. unit is fine grained, non magnetic, and is barren. minor quartz array forrms towards lower contact contact is gradational

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

311.30, 311.31, CPY, DIS, .10, -, VFG, one speck of chalcopyrite seen
385.40, 388.40, PYR, DIS, 8.00, -, FGR, unevenly distributed pyrite
409.80, 409.90, PYR, DIS, 15.00, -, FGR, isolated patch with increased sulphide
421.00, 421.45, PYR, DIS, 8.00, -, FGR, fine grained disseminated pyrite
429.00, 429.20, PYR, DIS, 1.00, -, FGR, medium grained cubic pyrite
430.50, 430.60, PYR, DIS, 5.00, -, FGR, isolated patch of pyrite
467.60, 467.75, PYR, DIS, 5.00, -, FGR, isolated patch of dissemianted pyrite
474.75, 482.40, PYR, DIS, 5.00, -, FGR, light dusting of pyrite
492.50, 493.00, PYR, DIS, 5.00, -, FGR, light dusting of pyrite in hematite alteration
495.60, 501.00, PYR, DIS, 3.00, -, FGR, light dusting of pyrite in hematite alteration

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

309.00, 500.00, CAL+, SEL, STRONG, -, VFG, -, forms as wisps with hematite alteration.
309.00, 500.00, CHL+, PEN, STRONG, RED_00001, VFG, -, -
309.00, 500.00, HEM+, SEL, STRONG, PNK2_BASIC, VFG, -, forms wisps which defines foliation
492.50, 501.00, HEM+, PAT, STRONG, PNK2_BASIC, FGR, -, 40 cm wide patches of hematite altariton. possibly showing bedding. often mineralized

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

309.00, 501.00, FOL, STRONG, 20.00, -, -, -, wavy from 5 to 20
309.00, 312.00, FZN, STRONG, 60.00, -, -, -, brittle ductile fault with strong shearing, blocky core and fault gauge
309.00, 309.10, FOL, STRONG, 20.00, -, -, -, defined by calcite hemaite whisps
309.00, 309.30, GGE, -, -, -, -, -, -
309.30, 312.00, FOL, STRONG, 40.00, -, -, -, defined by calcite hematite alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118286 | 311.5 | 313.0 | 1.5 | 0.003 | | | | |
| CAOND118287 | 313.0 | 314.5 | 1.5 | 0.003 | | | | |
| CAOND118288 | 314.5 | 316.0 | 1.5 | 0.003 | | | | |
| CAOND118289 | 316.0 | 317.5 | 1.5 | 0.003 | | | | |
| CAOND118291 | 317.5 | 319.0 | 1.5 | 0.003 | | | | |
| CAOND118292 | 319.0 | 320.5 | 1.5 | 0.003 | | | | |
| CAOND118293 | 320.5 | 322.0 | 1.5 | 0.003 | | | | |
| CAOND118294 | 322.0 | 323.5 | 1.5 | 0.003 | | | | |
| CAOND118295 | 323.5 | 325.0 | 1.5 | 0.003 | | | | |
| CAOND118296 | 325.0 | 326.5 | 1.5 | 0.003 | | | | |
| CAOND118297 | 326.5 | 328.0 | 1.5 | 0.013 | | | | |
| CAOND118298 | 328.0 | 329.5 | 1.5 | 0.016 | | | | |
| CAOND118299 | 329.5 | 331.0 | 1.5 | 0.017 | | | | |
| CAOND118301 | 331.0 | 332.5 | 1.5 | 0.010 | | | | |
| CAOND118302 | 332.5 | 334.0 | 1.5 | 0.012 | | | | |
| CAOND118303 | 334.0 | 335.5 | 1.5 | 0.016 | | | | |
| CAOND118304 | 335.5 | 337.0 | 1.5 | 0.017 | | | | |
| CAOND118305 | 337.0 | 338.5 | 1.5 | 0.003 | | | | |
| CAOND118306 | 338.5 | 340.0 | 1.5 | 0.003 | | | | |
| CAOND118307 | 340.0 | 341.5 | 1.5 | 0.003 | | | | |
| CAOND118308 | 341.5 | 343.0 | 1.5 | 0.003 | | | | |
| CAOND118309 | 343.0 | 344.5 | 1.5 | 0.003 | | | | |
| CAOND118310 | 344.5 | 345.5 | 1.0 | 0.006 | | | | |
| CAOND118311 | 345.5 | 346.5 | 1.0 | 0.014 | | | | |
| CAOND118312 | 346.5 | 348.0 | 1.5 | 0.006 | | | | |
| CAOND118313 | 348.0 | 349.5 | 1.5 | 0.020 | | | | |
| CAOND118314 | 349.5 | 351.0 | 1.5 | 0.045 | | | | |
| CAOND118316 | 351.0 | 352.5 | 1.5 | 0.019 | | | | |
| CAOND118317 | 352.5 | 354.0 | 1.5 | 0.003 | | | | |
| CAOND118318 | 354.0 | 355.5 | 1.5 | 0.003 | | | | |
| CAOND118319 | 355.5 | 357.0 | 1.5 | 0.003 | | | | |
| CAOND118321 | 357.0 | 358.5 | 1.5 | 0.011 | | | | |
| CAOND118322 | 358.5 | 360.0 | 1.5 | 0.036 | | | | |

**Hole number:** KLUC18-524

312.00, 500.00, FOL, STRONG, 20.00, -, -, -, defomed bu calcite hematite alteration
421.45, 465.50, FOL, STRONG, 20.00, -, -, -, foliation defined by calcite hematite whisps.
465.50, 475.00, FOL, STRONG, 35.00, -, -, -, steeper then majority of other fabric

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS
409.10, 409.50, QtzCal, 5.00, -, -, -, -, GRY_00025, -, BOD, -, .10, Discontinous quartz calcite veins. appear brittle
438.00, 449.50, QTZ_2, 5.00, 20.00, -, -, -, GRY_00025, 1.00, IRM, -, -, Array of narrow stringers which form along foliation
458.50, 458.60, QTZ_2, 50.00, 30.00, -, -, -, GRY_00025, 3.00, MAS, -, -, isolated vein
464.60, 465.50, QTZ_2, 3.00, 30.00, -, -, -, GRY_00025, 2.00, WLA, -, -, veins form along foliation
474.30, 474.75, QTZ_2, 30.00, 20.00, -, -, -, GRY_00025, 3.00, MAS, -, -, isolated quartz vein with strong chlorite rim in wall rock
481.40, 491.60, QTZ_2, 10.00, 10.00, -, -, -, GRY_00025, 1.00, WIS, -, -, array of wavy quartz calcite veins which form along foliation

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118323 | 360.0 | 361.5 | 1.5 | 0.031 | | | | |
| CAOND118324 | 361.5 | 363.0 | 1.5 | 0.003 | | | | |
| CAOND118326 | 363.0 | 364.5 | 1.5 | 0.003 | | | | |
| CAOND118327 | 364.5 | 366.0 | 1.5 | 0.003 | | | | |
| CAOND118328 | 366.0 | 367.5 | 1.5 | 0.003 | | | | |
| CAOND118329 | 367.5 | 369.0 | 1.5 | 0.003 | | | | |
| CAOND118331 | 369.0 | 370.5 | 1.5 | 0.003 | | | | |
| CAOND118332 | 370.5 | 372.0 | 1.5 | 0.003 | | | | |
| CAOND118333 | 372.0 | 373.5 | 1.5 | 0.003 | | | | |
| CAOND118334 | 373.5 | 375.0 | 1.5 | 0.003 | | | | |
| CAOND118335 | 375.0 | 376.5 | 1.5 | 0.003 | | | | |
| CAOND118336 | 376.5 | 378.0 | 1.5 | 0.003 | | | | |
| CAOND118337 | 378.0 | 379.5 | 1.5 | 0.015 | | | | |
| CAOND118338 | 379.5 | 381.0 | 1.5 | 0.003 | | | | |
| CAOND118339 | 381.0 | 382.5 | 1.5 | 0.005 | | | | |
| CAOND118340 | 382.5 | 384.0 | 1.5 | 0.003 | | | | |
| CAOND118341 | 384.0 | 385.4 | 1.4 | 0.003 | | | | |
| CAOND118342 | 385.4 | 386.0 | 0.6 | 0.033 | | | | |
| CAOND118343 | 386.0 | 387.0 | 1.0 | 0.040 | | | | |
| CAOND118344 | 387.0 | 387.9 | 0.9 | 0.037 | | | | |
| CAOND118346 | 387.9 | 388.4 | 0.6 | 0.060 | | | | |
| CAOND118347 | 388.4 | 389.5 | 1.1 | 0.003 | | | | |
| CAOND118348 | 389.5 | 391.0 | 1.5 | 0.027 | | | | |
| CAOND118349 | 391.0 | 392.5 | 1.5 | 0.003 | | | | |
| CAOND118351 | 392.5 | 394.0 | 1.5 | 0.003 | | | | |
| CAOND118352 | 394.0 | 395.5 | 1.5 | 0.003 | | | | |
| CAOND118353 | 395.5 | 397.0 | 1.5 | 0.016 | | | | |
| CAOND118354 | 397.0 | 398.5 | 1.5 | 0.003 | | | | |
| CAOND118355 | 398.5 | 400.0 | 1.5 | 0.006 | | | | |
| CAOND118356 | 400.0 | 401.5 | 1.5 | 0.015 | | | | |
| CAOND118357 | 401.5 | 403.0 | 1.5 | 0.027 | | | | |
| CAOND118358 | 403.0 | 404.5 | 1.5 | 0.016 | | | | |
| CAOND118359 | 404.5 | 406.0 | 1.5 | 0.006 | | | | |

**Hole number:** KLUC18-524

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118361 | 406.0 | 407.5 | 1.5 | 0.003 | | | | |
| CAOND118362 | 407.5 | 409.0 | 1.5 | 0.003 | | | | |
| CAOND118363 | 409.0 | 409.9 | 0.9 | 0.003 | | | | |
| CAOND118364 | 409.9 | 411.0 | 1.1 | 0.003 | | | | |
| CAOND118365 | 411.0 | 412.5 | 1.5 | 0.003 | | | | |
| CAOND118366 | 412.5 | 414.0 | 1.5 | 0.003 | | | | |
| CAOND118367 | 414.0 | 415.5 | 1.5 | 0.005 | | | | |
| CAOND118368 | 415.5 | 417.0 | 1.5 | 0.003 | | | | |
| CAOND118369 | 417.0 | 418.5 | 1.5 | 0.003 | | | | |
| CAOND118371 | 418.5 | 420.0 | 1.5 | 0.003 | | | | |
| CAOND118372 | 420.0 | 421.0 | 1.0 | 0.003 | | | | |
| CAOND118373 | 421.0 | 421.5 | 0.5 | 0.010 | | | | |
| CAOND118374 | 421.5 | 422.5 | 1.1 | 0.003 | | | | |
| CAOND118376 | 422.5 | 424.0 | 1.5 | 0.009 | | | | |
| CAOND118377 | 424.0 | 425.5 | 1.5 | 0.003 | | | | |
| CAOND118378 | 425.5 | 427.0 | 1.5 | 0.003 | | | | |
| CAOND118379 | 427.0 | 428.5 | 1.5 | 0.003 | | | | |
| CAOND118381 | 428.5 | 430.0 | 1.5 | 0.003 | | | | |
| CAOND118382 | 430.0 | 431.5 | 1.5 | 0.003 | | | | |
| CAOND118383 | 431.5 | 433.0 | 1.5 | 0.003 | | | | |
| CAOND118384 | 433.0 | 434.5 | 1.5 | 0.003 | | | | |
| CAOND118385 | 434.5 | 436.0 | 1.5 | 0.003 | | | | |
| CAOND118386 | 436.0 | 437.5 | 1.5 | 0.003 | | | | |
| CAOND118387 | 437.5 | 438.5 | 1.0 | 0.007 | | | | |
| CAOND118388 | 438.5 | 439.5 | 1.0 | 0.014 | | | | |
| CAOND118389 | 439.5 | 441.0 | 1.5 | 0.006 | | | | |
| CAOND118391 | 441.0 | 442.5 | 1.5 | 0.005 | | | | |
| CAOND118392 | 442.5 | 444.0 | 1.5 | 0.010 | | | | |
| CAOND118393 | 444.0 | 445.5 | 1.5 | 0.008 | | | | |
| CAOND118394 | 445.5 | 447.0 | 1.5 | 0.022 | | | | |
| CAOND118395 | 447.0 | 448.5 | 1.5 | 0.009 | | | | |
| CAOND118396 | 448.5 | 450.0 | 1.5 | 0.003 | | | | |
| CAOND118397 | 450.0 | 451.5 | 1.5 | 0.003 | | | | |

**Hole number:** KLUC18-524

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118398 | 451.5 | 453.0 | 1.5 | 0.003 | | | | |
| CAOND118399 | 453.0 | 454.5 | 1.5 | 0.003 | | | | |
| CAOND118401 | 454.5 | 456.0 | 1.5 | 0.010 | | | | |
| CAOND118402 | 456.0 | 457.5 | 1.5 | 0.015 | | | | |
| CAOND118403 | 457.5 | 458.6 | 1.1 | 0.003 | | | | |
| CAOND118404 | 458.6 | 460.0 | 1.4 | 0.003 | | | | |
| CAOND118405 | 460.0 | 461.0 | 1.0 | 0.003 | | | | |
| CAOND118406 | 461.0 | 462.5 | 1.5 | 0.003 | | | | |
| CAOND118407 | 462.5 | 463.5 | 1.0 | 0.003 | | | | |
| CAOND118408 | 463.5 | 464.6 | 1.1 | 0.005 | | | | |
| CAOND118409 | 464.6 | 465.5 | 0.9 | 0.003 | | | | |
| CAOND118410 | 465.5 | 467.0 | 1.5 | 0.003 | | | | |
| CAOND118411 | 467.0 | 468.0 | 1.0 | 0.014 | | | | |
| CAOND118412 | 468.0 | 469.5 | 1.5 | 0.007 | | | | |
| CAOND118413 | 469.5 | 471.0 | 1.5 | 0.049 | | | | |
| CAOND118414 | 471.0 | 472.5 | 1.5 | 0.005 | | | | |
| CAOND118416 | 472.5 | 474.0 | 1.5 | 0.027 | | | | |
| CAOND118417 | 474.0 | 474.8 | 0.8 | 0.003 | | | | |
| CAOND118418 | 474.8 | 476.0 | 1.3 | 0.015 | | | | |
| CAOND118419 | 476.0 | 477.5 | 1.5 | 0.010 | | | | |
| CAOND118421 | 477.5 | 479.0 | 1.5 | 0.018 | | | | |
| CAOND118422 | 479.0 | 480.5 | 1.5 | 0.010 | | | | |
| CAOND118423 | 480.5 | 481.4 | 0.9 | 0.009 | | | | |
| CAOND118424 | 481.4 | 482.0 | 0.6 | 0.005 | | | | |
| CAOND118426 | 482.0 | 483.0 | 1.0 | 0.003 | | | | |
| CAOND118427 | 483.0 | 483.9 | 0.9 | 0.003 | | | | |
| CAOND118428 | 483.9 | 485.0 | 1.1 | 0.003 | | | | |
| CAOND118429 | 485.0 | 486.5 | 1.5 | 0.003 | | | | |
| CAOND118431 | 486.5 | 488.0 | 1.5 | 0.003 | | | | |
| CAOND118432 | 488.0 | 489.5 | 1.5 | 0.003 | | | | |
| CAOND118433 | 489.5 | 491.0 | 1.5 | 0.003 | | | | |
| CAOND118434 | 491.0 | 492.0 | 1.0 | 0.003 | | | | |
| CAOND118435 | 492.0 | 493.0 | 1.0 | 0.003 | | | | |

**Hole number:** KLUC18-524

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118436 | 493.0 | 494.5 | 1.5 | 0.005 | | | | |
| CAOND118437 | 494.5 | 496.0 | 1.5 | 0.006 | | | | |
| CAOND118438 | 496.0 | 496.6 | 0.6 | 0.003 | | | | |
| CAOND118439 | 496.6 | 498.0 | 1.4 | 0.011 | | | | |
| CAOND118440 | 498.0 | 499.5 | 1.5 | 0.003 | | | | |
| CAOND118441 | 499.5 | 501.0 | 1.5 | 0.021 | | | | |

**Geochemical sample**

| Sample | From | To | Ag gpt | Al2O3 Pct | Ba ppm | CaO Pct | Cu ppm | CO2 Pct | Cr ppm | Fe2O3 Pct | K2O Pct | LOI pct | MgO pct | MnO pct | Mo ppm | Na2O pct | Ni ppm | P2O5 pct |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Pb ppm | Rb ppm | SiO2 pct | Sr ppm | Tb ppm | Tm ppm | TiO2 pct | Tl ppm | Total pct | U ppm | V ppm | W ppm | Y ppm | Yb ppm | Zn ppm | Zr ppm |
| CAOND119002 | 53.0 | 53.1 | 0.3 | 14.25 | 953.00 | 5.61 | 98.00 | | 210.00 | 9.39 | 2.31 | 6.3 | 5.9 | 0.1 | 1.0 | 3.3 | 42.0 | 0.4 |
| | | | 10.0 | 83.5 | 49.3 | 720.0 | 0.77 | 0.33 | 0.8 | 5.00 | 97.9 | 2.2 | 226.0 | 7.0 | 25.9 | 2.4 | 153.0 | 154.0 |
| CAOND119003 | 109.0 | 109.1 | 0.3 | 13.60 | 462.00 | 4.00 | 52.00 | | 130.00 | 5.46 | 2.59 | 4.1 | 2.7 | 0.1 | 2.0 | 4.0 | 50.0 | 0.1 |
| | | | 4.0 | 82.4 | 62.7 | 442.0 | 0.38 | 0.22 | 0.6 | 5.00 | 100.1 | 0.8 | 139.0 | 16.0 | 14.0 | 1.5 | 83.0 | 132.0 |
| CAOND119004 | 143.0 | 143.3 | 0.3 | 13.75 | 1,105.00 | 4.25 | 32.00 | | 110.00 | 3.65 | 2.82 | 6.4 | 2.8 | 0.1 | 0.5 | 4.2 | 32.0 | 0.3 |
| | | | 15.0 | 110.0 | 60.6 | 987.0 | 0.47 | 0.14 | 0.4 | 5.00 | 99.4 | 2.4 | 80.0 | 5.0 | 11.3 | 0.9 | 50.0 | 122.0 |
| CAOND119005 | 158.9 | 159.0 | 0.3 | 13.70 | 3,670.00 | 3.76 | 17.00 | | 120.00 | 3.99 | 2.89 | 6.6 | 2.5 | 0.1 | 2.0 | 4.9 | 33.0 | 0.3 |
| | | | 207.0 | 81.5 | 60.6 | 936.0 | 0.46 | 0.14 | 0.4 | 5.00 | 100.2 | 2.9 | 69.0 | 4.0 | 10.9 | 0.9 | 110.0 | 130.0 |
| CAOND119006 | 194.9 | 195.0 | 0.3 | 14.10 | 1,875.00 | 4.07 | 25.00 | | 120.00 | 3.83 | 2.88 | 6.6 | 3.1 | 0.1 | 1.0 | 5.0 | 44.0 | 0.3 |
| | | | 8.0 | 87.4 | 60.0 | 1 480.0 | 0.39 | 0.13 | 0.4 | 5.00 | 100.7 | 2.4 | 72.0 | 2.0 | 9.6 | 0.8 | 89.0 | 140.0 |
| CAOND119007 | 209.9 | 210.0 | 0.3 | 13.85 | 2,070.00 | 4.62 | 9.00 | | 110.00 | 3.79 | 3.73 | 7.4 | 3.0 | 0.1 | 1.0 | 4.1 | 39.0 | 0.2 |
| | | | 26.0 | 103.5 | 58.4 | 1 160.0 | 0.42 | 0.10 | 0.3 | 5.00 | 100.0 | 2.3 | 71.0 | 3.0 | 9.7 | 0.8 | 105.0 | 123.0 |
| CAOND119008 | 234.0 | 234.1 | 0.3 | 14.25 | 1,250.00 | 4.32 | 12.00 | | 110.00 | 3.59 | 2.60 | 6.4 | 2.5 | 0.1 | 0.5 | 5.5 | 38.0 | 0.2 |
| | | | 40.0 | 79.0 | 59.7 | 1 150.0 | 0.39 | 0.10 | 0.4 | 5.00 | 99.9 | 2.3 | 70.0 | 2.0 | 9.1 | 0.9 | 62.0 | 131.0 |
| CAOND119009 | 283.0 | 283.2 | 0.3 | 14.10 | 1,485.00 | 3.70 | 5.00 | | 100.00 | 3.28 | 3.30 | 5.7 | 2.5 | 0.1 | 0.5 | 4.8 | 33.0 | 0.2 |
| | | | 1.0 | 99.4 | 59.7 | 995.0 | 0.36 | 0.11 | 0.3 | 5.00 | 98.0 | 1.9 | 65.0 | 2.0 | 8.9 | 0.7 | 51.0 | 120.0 |
| CAOND119010 | 331.0 | 331.1 | 0.3 | 13.00 | 2,010.00 | 7.30 | 202.00 | | 240.00 | 8.52 | 8.50 | 5.8 | 4.5 | 0.2 | 0.5 | 1.7 | 59.0 | 0.5 |
| | | | 82.0 | 295.0 | 48.6 | 808.0 | 1.21 | 0.39 | 0.7 | 5.00 | 99.5 | 2.9 | 207.0 | 2.0 | 28.3 | 3.0 | 117.0 | 186.0 |
| CAOND119011 | 363.0 | 363.1 | 0.3 | 15.20 | 1,570.00 | 4.02 | 118.00 | | 120.00 | 11.40 | 4.41 | 4.1 | 5.8 | 0.1 | 1.0 | 3.5 | 31.0 | 0.6 |
| | | | 13.0 | 101.0 | 49.3 | 425.0 | 1.22 | 0.34 | 1.1 | 5.00 | 99.8 | 2.7 | 256.0 | 2.0 | 28.5 | 2.0 | 112.0 | 183.0 |

## Hole number: KLUC18-524

| Sample | From | To | Ag gpt / Pb ppm | Al2O3 Pct / Rb ppm | Ba ppm / SiO2 pct | CaO Pct / Sr ppm | Cu ppm / Tb ppm | CO2 Pct / Tm ppm | Cr ppm / TiO2 pct | Fe2O3 Pct / Tl ppm | K2O Pct / Total pct | LOI pct / U ppm | MgO pct / V ppm | MnO pct / W ppm | Mo ppm / Y ppm | Na2O pct / Yb ppm | Ni ppm / Zn ppm | P2O5 pct / Zr ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CAOND119012 | 398.4 | 398.5 | 0.3 | 12.60 | 1,135.00 | 8.02 | 100.00 | | 60.00 | 10.50 | 5.57 | 6.3 | 4.9 | 0.2 | 1.0 | 2.9 | 25.0 | 0.7 |
| | | | 12.0 | 262.0 | 47.3 | 981.0 | 1.32 | 0.39 | 1.0 | 5.00 | 100.2 | 3.1 | 263.0 | 2.0 | 31.6 | 2.5 | 118.0 | 201.0 |
| CAOND119013 | 416.9 | 417.0 | 0.3 | 14.95 | 2,430.00 | 5.12 | 35.00 | | 20.00 | 6.10 | 4.44 | 4.0 | 2.4 | 0.2 | 0.5 | 5.5 | 10.0 | 0.4 |
| | | | 30.0 | 150.5 | 55.3 | 2 420.0 | 1.02 | 0.28 | 0.5 | 5.00 | 99.5 | 3.9 | 129.0 | 1.0 | 23.4 | 2.0 | 107.0 | 213.0 |
| CAOND119014 | 460.0 | 460.1 | 0.3 | 12.25 | 944.00 | 9.09 | 85.00 | | 500.00 | 10.05 | 2.57 | 5.3 | 9.8 | 0.2 | 0.5 | 2.4 | 161.0 | 0.3 |
| | | | 7.0 | 77.9 | 47.0 | 1 115.0 | 0.72 | 0.30 | 0.9 | 5.00 | 100.1 | 1.0 | 241.0 | 1.0 | 20.2 | 1.9 | 115.0 | 115.0 |
| CAOND119015 | 473.9 | 474.0 | 0.3 | 12.05 | 1,935.00 | 9.34 | 83.00 | | 310.00 | 10.30 | 2.35 | 4.7 | 8.0 | 0.2 | 0.5 | 3.0 | 79.0 | 0.6 |
| | | | 15.0 | 88.8 | 46.7 | 7 580.0 | 1.38 | 0.43 | 0.9 | 5.00 | 99.0 | 2.7 | 275.0 | 1.0 | 30.0 | 2.4 | 110.0 | 197.0 |

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 48.0 | 51.0 | 83.00 | 100.00 | | | N | |
| 51.0 | 54.0 | 100.00 | 100.00 | | | N | |
| 54.0 | 57.0 | 90.00 | 100.00 | | | N | |
| 57.0 | 60.0 | 87.00 | 100.00 | | | N | |
| 60.0 | 63.0 | 63.00 | 100.00 | | | N | |
| 63.0 | 66.0 | 87.00 | 100.00 | | | N | |
| 66.0 | 69.0 | 73.00 | 100.00 | | | N | |
| 69.0 | 72.0 | 90.00 | 100.00 | | | N | |
| 72.0 | 75.0 | 93.00 | 100.00 | | | N | |
| 75.0 | 78.0 | 90.00 | 100.00 | | | N | |
| 78.0 | 81.0 | 93.00 | 100.00 | | | N | |
| 81.0 | 84.0 | 83.00 | 100.00 | | | N | |
| 84.0 | 87.0 | 93.00 | 100.00 | | | N | |
| 87.0 | 90.0 | 90.00 | 100.00 | | | N | |
| 90.0 | 93.0 | 90.00 | 100.00 | | | N | |
| 93.0 | 96.0 | 95.00 | 100.00 | | | N | |
| 96.0 | 99.0 | 60.00 | 100.00 | | | N | |
| 99.0 | 102.0 | 27.00 | 100.00 | | | N | |

**Hole number:** KLUC18-524

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 102.0 | 105.0 | 43.00 | 100.00 | | | N | |
| 105.0 | 108.0 | 70.00 | 100.00 | | | N | |
| 108.0 | 111.0 | 43.00 | 100.00 | | | N | |
| 111.0 | 114.0 | 33.00 | 100.00 | | | N | |
| 114.0 | 117.0 | 80.00 | 100.00 | | | N | |
| 117.0 | 120.0 | 88.00 | 100.00 | | | N | |
| 120.0 | 123.0 | 77.00 | 100.00 | | | N | |
| 123.0 | 126.0 | 83.00 | 100.00 | | | N | |
| 126.0 | 129.0 | 95.00 | 100.00 | | | N | |
| 129.0 | 132.0 | 77.00 | 100.00 | | | N | |
| 132.0 | 135.0 | 97.00 | 100.00 | | | N | |
| 135.0 | 138.0 | 87.00 | 100.00 | | | N | |
| 138.0 | 141.0 | 73.00 | 100.00 | | | N | |
| 141.0 | 144.0 | 73.00 | 100.00 | | | N | |
| 144.0 | 147.0 | 70.00 | 100.00 | | | N | |
| 147.0 | 150.0 | 98.00 | 100.00 | | | N | |
| 150.0 | 153.0 | 87.00 | 100.00 | | | N | |
| 153.0 | 156.0 | 88.00 | 100.00 | | | N | |
| 156.0 | 159.0 | 80.00 | 100.00 | | | N | |
| 159.0 | 162.0 | 98.00 | 100.00 | | | N | |
| 162.0 | 165.0 | 93.00 | 100.00 | | | N | |
| 165.0 | 168.0 | 87.00 | 100.00 | | | N | |
| 168.0 | 171.0 | 95.00 | 100.00 | | | N | |
| 171.0 | 174.0 | 100.00 | 100.00 | | | N | |
| 174.0 | 177.0 | 100.00 | 100.00 | | | N | |
| 177.0 | 180.0 | 93.00 | 100.00 | | | N | |
| 180.0 | 183.0 | 93.00 | 100.00 | | | N | |
| 183.0 | 186.0 | 97.00 | 100.00 | | | N | |

**Hole number:** KLUC18-524

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 186.0 | 189.0 | 93.00 | 100.00 | | | N | |
| 189.0 | 192.0 | 100.00 | 100.00 | | | N | |
| 192.0 | 195.0 | 100.00 | 100.00 | | | N | |
| 195.0 | 198.0 | 100.00 | 100.00 | | | N | |
| 198.0 | 201.0 | 100.00 | 100.00 | | | N | |
| 201.0 | 204.0 | 100.00 | 100.00 | | | N | |
| 204.0 | 207.0 | 100.00 | 100.00 | | | N | |
| 207.0 | 210.0 | 100.00 | 100.00 | | | N | |
| 210.0 | 213.0 | 97.00 | 100.00 | | | N | |
| 213.0 | 216.0 | 93.00 | 100.00 | | | N | |
| 216.0 | 219.0 | 77.00 | 100.00 | | | N | |
| 219.0 | 222.0 | 98.00 | 100.00 | | | N | |
| 222.0 | 225.0 | 98.00 | 100.00 | | | N | |
| 225.0 | 228.0 | 98.00 | 100.00 | | | N | |
| 228.0 | 231.0 | 90.00 | 100.00 | | | N | |
| 231.0 | 234.0 | 97.00 | 100.00 | | | N | |
| 234.0 | 237.0 | 100.00 | 100.00 | | | N | |
| 237.0 | 240.0 | 87.00 | 100.00 | | | N | |
| 240.0 | 243.0 | 90.00 | 100.00 | | | N | |
| 243.0 | 246.0 | 73.00 | 100.00 | | | N | |
| 246.0 | 249.0 | 80.00 | 100.00 | | | N | |
| 249.0 | 252.0 | 80.00 | 100.00 | | | N | |
| 252.0 | 255.0 | 63.00 | 100.00 | | | N | |
| 255.0 | 258.0 | 67.00 | 100.00 | | | N | |
| 258.0 | 261.0 | 87.00 | 100.00 | | | N | |
| 261.0 | 264.0 | 60.00 | 100.00 | | | N | |
| 264.0 | 267.0 | 98.00 | 100.00 | | | N | |
| 267.0 | 270.0 | 97.00 | 100.00 | | | N | |

**Hole number:** KLUC18-524

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 270.0 | 273.0 | 87.00 | 100.00 | | | N | |
| 273.0 | 276.0 | 90.00 | 100.00 | | | N | |
| 276.0 | 279.0 | 90.00 | 100.00 | | | N | |
| 279.0 | 282.0 | 78.00 | 100.00 | | | N | |
| 282.0 | 285.0 | 60.00 | 100.00 | | | N | |
| 285.0 | 288.0 | 83.00 | 100.00 | | | N | |
| 288.0 | 291.0 | 80.00 | 100.00 | | | N | |
| 291.0 | 294.0 | 92.00 | 100.00 | | | N | |
| 294.0 | 297.0 | 47.00 | 100.00 | | | N | |
| 297.0 | 300.0 | 73.00 | 100.00 | | | N | |
| 300.0 | 303.0 | 53.00 | 100.00 | | | N | |
| 303.0 | 306.0 | 37.00 | 100.00 | | | N | |
| 306.0 | 309.0 | 23.00 | 100.00 | | | N | |
| 309.0 | 312.0 | 47.00 | 100.00 | | | N | |
| 312.0 | 315.0 | 97.00 | 100.00 | | | N | |
| 315.0 | 318.0 | 73.00 | 100.00 | | | N | |
| 318.0 | 321.0 | 83.00 | 100.00 | | | N | |
| 321.0 | 324.0 | 87.00 | 100.00 | | | N | |
| 324.0 | 327.0 | 43.00 | 100.00 | | | N | |
| 327.0 | 330.0 | 92.00 | 100.00 | | | N | |
| 330.0 | 333.0 | 100.00 | 100.00 | | | N | |
| 333.0 | 336.0 | 97.00 | 100.00 | | | N | |
| 336.0 | 339.0 | 93.00 | 100.00 | | | N | |
| 339.0 | 342.0 | 100.00 | 100.00 | | | N | |
| 342.0 | 345.0 | 100.00 | 100.00 | | | N | |
| 345.0 | 348.0 | 98.00 | 100.00 | | | N | |
| 348.0 | 351.0 | 93.00 | 100.00 | | | N | |
| 351.0 | 354.0 | 90.00 | 100.00 | | | N | |

**Hole number:** KLUC18-524

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 354.0 | 357.0 | 100.00 | 100.00 | | | N | |
| 357.0 | 360.0 | 100.00 | 100.00 | | | N | |
| 360.0 | 363.0 | 98.00 | 100.00 | | | N | |
| 363.0 | 366.0 | 100.00 | 100.00 | | | N | |
| 366.0 | 369.0 | 98.00 | 100.00 | | | N | |
| 369.0 | 372.0 | 100.00 | 100.00 | | | N | |
| 372.0 | 375.0 | 100.00 | 100.00 | | | N | |
| 375.0 | 378.0 | 100.00 | 100.00 | | | N | |
| 378.0 | 381.0 | 100.00 | 100.00 | | | N | |
| 381.0 | 384.0 | 93.00 | 100.00 | | | N | |
| 384.0 | 387.0 | 93.00 | 100.00 | | | N | |
| 387.0 | 390.0 | 100.00 | 100.00 | | | N | |
| 390.0 | 393.0 | 98.00 | 100.00 | | | N | |
| 393.0 | 396.0 | 100.00 | 100.00 | | | N | |
| 396.0 | 399.0 | 98.00 | 100.00 | | | N | |
| 399.0 | 402.0 | 97.00 | 100.00 | | | N | |
| 402.0 | 405.0 | 100.00 | 100.00 | | | N | |
| 405.0 | 408.0 | 100.00 | 100.00 | | | N | |
| 408.0 | 411.0 | 95.00 | 100.00 | | | N | |
| 411.0 | 414.0 | 95.00 | 100.00 | | | N | |
| 414.0 | 417.0 | 98.00 | 100.00 | | | N | |
| 417.0 | 420.0 | 97.00 | 100.00 | | | N | |
| 420.0 | 423.0 | 98.00 | 100.00 | | | N | |
| 423.0 | 426.0 | 97.00 | 100.00 | | | N | |
| 426.0 | 429.0 | 98.00 | 100.00 | | | N | |
| 429.0 | 432.0 | 98.00 | 100.00 | | | N | |
| 432.0 | 435.0 | 98.00 | 100.00 | | | N | |
| 435.0 | 438.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC18-524

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 438.0 | 441.0 | 98.00 | 100.00 | | | N | |
| 441.0 | 444.0 | 98.00 | 100.00 | | | N | |
| 444.0 | 447.0 | 100.00 | 100.00 | | | N | |
| 447.0 | 450.0 | 100.00 | 100.00 | | | N | |
| 450.0 | 453.0 | 100.00 | 100.00 | | | N | |
| 453.0 | 456.0 | 98.00 | 100.00 | | | N | |
| 456.0 | 459.0 | 97.00 | 100.00 | | | N | |
| 459.0 | 462.0 | 97.00 | 100.00 | | | N | |
| 462.0 | 465.0 | 95.00 | 100.00 | | | N | |
| 465.0 | 468.0 | 95.00 | 100.00 | | | N | |
| 468.0 | 471.0 | 98.00 | 100.00 | | | N | |
| 471.0 | 474.0 | 97.00 | 100.00 | | | N | |
| 474.0 | 477.0 | 100.00 | 100.00 | | | N | |
| 477.0 | 480.0 | 98.00 | 100.00 | | | N | |
| 480.0 | 483.0 | 98.00 | 100.00 | | | N | |
| 483.0 | 486.0 | 98.00 | 100.00 | | | N | |
| 486.0 | 489.0 | 92.00 | 100.00 | | | N | |
| 489.0 | 492.0 | 100.00 | 100.00 | | | N | |
| 492.0 | 495.0 | 95.00 | 100.00 | | | N | |
| 495.0 | 498.0 | 93.00 | 100.00 | | | N | |
| 498.0 | 501.0 | 97.00 | 100.00 | | | N | |

AGNICO EAGLE

# DRILL HOLE REPORT

EXPLORATION CANADA
ONTARIO

**Hole number:** KLUC18-525 **Project Number:** U_Canada **Project name:** Upper Canada

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Historic hole number:** | | **Collar survey:** | N | **From:** | 0.0 | **Coordinates:** | P |
| **System:** | METRIC | **Verified:** | N | **To:** | 19.5 | **Grid:** | UTM83-17_CSRS-2010: |
| **Target:** | UC_Q_ZONE | **Gas:** | N | **Depth:** | 19.5 | **North:** | 5,332,628.38 |
| **No. Claim:** | PAT-18793 | **Multishot survey:** | N | **Location:** | Surface | **East:** | 587,961.82 |
| **Year:** | 2 018 | **Is making water:** | N | **Core storage:** | Exploration Camp | **Elevation:** | 331.08 |
| **Date started:** | 2018-12-17 | **Object in hole:** | N | **Contractor:** | Asinii Drilling | **Collar dip:** | -66.00 |
| **Date logged:** | 2019-01-10 | **Pulse EM survey:** | N | **Logged by:** | Melanie Bouchard | **Collar azimuth:** | 345.00 |
| **Date completed:** | 2018-12-17 | **Plugged:** | N | **Signature:** | Mélanie Bouchard | | |
| **Core size:** | NQ | **Cemented:** | N | | | | |
| **Hole type:** | EXP | **Branch:** | N | | M.Oosterman | | |
| **Casing:** | Left in Hole, capped | **Reserve:** | N | | | | |
| **Logging status:** | Signed | | | | | | |
| **Rig number:** | 2501 | | | | | | |

**Additionnal sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Proposed hole: UCP18-052b (HMQ-2). New and improved Asinii II drill Rig: 2501. Targeting: MQ zones. Planned to target interception on MQ zones that was originally planned for UCP18-052 (KLUC18-523) because the first attempt was collared on the wrong coordinates. Hole was abandonned at 19.5m because first test deviated too much.

**Survey data**

| Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments | Depth | Azimuth dec. | Dip déc. | Type | Flag | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 345.00 | -66.00 | PLANNED | O | Original planned direction | 12.0 | 350.80 | -66.50 | EZ | O | Mag. 54630 |

**Major:** **From:** 0.00 **To:** 2.30 OVB, Overburden

Overburden / casing

**Major:** **From:** 2.30 **To:** 19.50 V8mt, Trachyte mafic tuff

Composition: Dark green with minor white and pale grey bands, fine grained and deformed; V8mt - Trachyte mafic tuff. Magnetism: Moderately magnetic. Veinning: Trace calcite stringers. Structure: Strong parallel deformation at 30-40 TCA. Alteration: Moderate patchy calcite alteration. Mineralization: Trace fine grained Py mineralization Lower Contact: Not reached

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

2.30, 19.50, CAL+, -, MOD, -, -, -, Moderate calcite alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

2.30, 19.50, DFZ, STRONG, 30.00, -, -, -, Strong parallel deformation at 30-40 TCA

**Hole number:** KLUC18-525

2.30, 19.50, FOL, MOD, 30.00, -, -, -, Moderate preferential alignmnet at 30-40 TCA

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 2.3 | 3.0 | 57.00 | 100.00 | | | N | |
| 3.0 | 6.0 | 62.00 | 100.00 | | | N | |
| 6.0 | 9.0 | 92.00 | 100.00 | | | N | |
| 9.0 | 12.0 | 83.00 | 100.00 | | | N | |
| 12.0 | 15.0 | 97.00 | 100.00 | | | N | |
| 15.0 | 18.0 | 97.00 | 100.00 | | | N | |
| 18.0 | 19.5 | 100.00 | 100.00 | | | N | |

AGNICO EAGLE

# DRILL HOLE REPORT

EXPLORATION CANADA
ONTARIO

**Hole number:** KLUC19-526 **Project Number:** U_Canada **Project name:** Upper Canada

| | |
|---|---|
| **Historic hole number:** | |
| **System:** | METRIC |
| **Target:** | UC_NORTHLAND |
| **No. Claim:** | PAT-18822 |
| **Year:** | 2 019 |
| **Date started:** | 2019-01-27 |
| **Date logged:** | 2019-02-06 |
| **Date completed:** | 2019-01-30 |
| **Core size:** | NQ |
| **Hole type:** | EXP |
| **Casing:** | Left in Hole, capped |
| **Logging status:** | Signed |
| **Rig number:** | 2501 |

| | |
|---|---|
| **Collar survey:** | Y |
| **Verified:** | N |
| **Gas:** | N |
| **Multishot survey:** | N |
| **Is making water:** | Y |
| **Object in hole:** | N |
| **Pulse EM survey:** | N |
| **Plugged:** | N |
| **Cemented:** | N |
| **Branch:** | N |
| **Reserve:** | N |

| | |
|---|---|
| **From:** | 0.0 |
| **To:** | 255.0 |
| **Depth:** | 255.0 |
| **Location:** | Surface |
| **Core storage:** | Exploration Camp |
| **Contractor:** | Asinii Drilling |
| **Logged by:** | Melanie Bouchard |
| **Signature:** | Mélanie Bouchard |

| | |
|---|---|
| **Coordinates:** | P |
| **Grid:** | UTM83-17_CSRS-2010: |
| **North:** | 5,332,764.94 |
| **East:** | 585,726.44 |
| **Elevation:** | 346.96 |
| **Collar dip:** | -45.46 |
| **Collar azimuth:** | 351.33 |

**Additional sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Proposed hole: UCP19-021. New and improved Asinii II drill Rig: 2501. Targeting: Shallow, high grade Northland targets

## Assay average

| Average type | From | To | Length | Width | Zone | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Pb_ppm | Ni_ppm | As_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WEIGHTED | 40.5 | 50.5 | 10.0 | | | 1.101 | | | | | | |
| WEIGHTED | 59.0 | 68.5 | 9.5 | | | 3.011 | | | | | | |
| WEIGHTED | 60.5 | 62.0 | 1.5 | | | 12.550 | | | | | | |

## Survey data

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 345.00 | -45.00 | PLANNED | | Planned |
| 30.0 | 354.70 | -44.80 | EZ | O | Mag. 53855 |
| 105.0 | 354.70 | -44.80 | EZ | O | Mag. 54090 |
| 180.0 | 355.40 | -44.80 | EZ | O | Mag. 55404 |
| 255.0 | 354.00 | -44.40 | EZ | O | Mag. 54861 |

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 351.33 | -45.46 | S | O | Surveyed dip and azimuth (true North) |
| 75.0 | 353.60 | -44.80 | EZ | O | Mag. 54078 |
| 150.0 | 355.80 | -44.10 | EZ | O | Mag. 54998 |
| 210.0 | 356.20 | -44.70 | EZ | O | Mag. 54211 |

**Hole number:** KLUC19-526

| Certificate |
|---|
| TM19035346 |
| TM19035362 |
| TM19035368 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505D19-001 | Excaon1D | CAOND118442 - CAOND118448<br>CAOND119638 - CAOND119930 |
| CXE5505D19-071 | Excaon1 | CAOND114322<br>CAOND114326<br>CAOND114329<br>CAOND114344<br>CAOND114351<br>CAOND114383<br>CAOND114423<br>CAOND114436<br>CAOND114443<br>CAOND114446<br>CAOND114454<br>CAOND114458<br>CAOND116718<br>CAOND116726<br>CAOND116858<br>CAOND116861<br>CAOND116872<br>CAOND116903<br>CAOND116918<br>CAOND116944<br>CAOND116952<br>CAOND116957<br>CAOND116977<br>CAOND116988<br>CAOND117059<br>CAOND117063<br>CAOND117069 - CAOND117070<br>CAOND117091<br>CAOND117117<br>CAOND117121<br>CAOND117134<br>CAOND117146<br>CAOND117169<br>CAOND117177<br>CAOND117193<br>CAOND117197<br>CAOND117232<br>CAOND117251<br>CAOND117276<br>CAOND117285 |

| Sample number | Standard |
|---|---|
| CAOND119690 | CDN-CM-28-AEM |
| CAOND119715 | CDN-CM-27-AEM |
| CAOND119720 | BLANK-DB |
| CAOND119730 | CDN-GS-5U-AEM |
| CAOND119745 | CDN-CM-28-AEM |
| CAOND119760 | CDN-CM-27-AEM |
| CAOND119770 | BLANK-DB |
| CAOND119775 | CDN-GS-5U-AEM |
| CAOND119790 | CDN-CM-28-AEM |
| CAOND119815 | CDN-CM-27-AEM |
| CAOND119820 | BLANK-DB |
| CAOND119830 | CDN-GS-5U-AEM |
| CAOND119845 | CDN-CM-28-AEM |
| CAOND119860 | CDN-CM-27-AEM |
| CAOND119870 | BLANK-DB |
| CAOND119875 | CDN-GS-5U-AEM |

**Hole number:** KLUC19-526

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND117287 |
| | | CAOND117307 |
| | | CAOND117317 |
| | | CAOND117348 |
| | | CAOND117352 - CAOND117354 |
| | | CAOND117367 |
| | | CAOND117376 |
| | | CAOND117408 |
| | | CAOND117410 |
| | | CAOND117431 |
| | | CAOND117467 |
| | | CAOND117489 |
| | | CAOND117492 - CAOND117493 |
| | | CAOND117501 |
| | | CAOND117563 - CAOND117564 |
| | | CAOND117591 |
| | | CAOND117596 |
| | | CAOND117619 |
| | | CAOND117622 |
| | | CAOND117631 - CAOND117632 |
| | | CAOND117670 |
| | | CAOND117678 - CAOND117679 |
| | | CAOND117681 |
| | | CAOND117691 |
| | | CAOND117696 |
| | | CAOND117732 - CAOND117733 |
| | | CAOND117761 |
| | | CAOND117778 |
| | | CAOND117788 |
| | | CAOND117803 |
| | | CAOND117817 |
| | | CAOND117863 |
| | | CAOND117871 |
| | | CAOND117936 |
| | | CAOND117981 |
| | | CAOND118114 |
| | | CAOND118135 |
| | | CAOND118143 |
| | | CAOND118145 |
| | | CAOND118236 |
| | | CAOND118251 |
| | | CAOND118287 |
| | | CAOND118301 |

**Hole number:** KLUC19-526

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND118316 |
| | | CAOND118319 |
| | | CAOND118346 |
| | | CAOND118351 |
| | | CAOND118381 |
| | | CAOND118395 |
| | | CAOND118410 |
| | | CAOND118436 |
| | | CAOND118463 |
| | | CAOND118479 |
| | | CAOND118481 |
| | | CAOND118539 |
| | | CAOND118556 |
| | | CAOND118618 |
| | | CAOND118631 |
| | | CAOND118664 |
| | | CAOND118684 |
| | | CAOND118686 |
| | | CAOND118688 |
| | | CAOND118707 |
| | | CAOND118720 |
| | | CAOND118754 |
| | | CAOND118793 |
| | | CAOND118829 |
| | | CAOND118835 |
| | | CAOND118851 |
| | | CAOND118859 |
| | | CAOND118862 |
| | | CAOND118897 |
| | | CAOND118933 |
| | | CAOND118941 |
| | | CAOND118947 |
| | | CAOND118954 |
| | | CAOND118966 |
| | | CAOND118981 |
| | | CAOND119502 |
| | | CAOND119526 |
| | | CAOND119551 |
| | | CAOND119564 |
| | | CAOND119569 |
| | | CAOND119571 |
| | | CAOND119573 |
| | | CAOND119583 |

**Hole number:** KLUC19-526

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND119585<br>CAOND119591<br>CAOND119621<br>CAOND119645<br>CAOND119677<br>CAOND119771<br>CAOND119802<br>CAOND119809<br>CAOND119817<br>CAOND119841<br>CAOND119846<br>CAOND119873<br>CAOND119913<br>CAOND119918<br>CAOND120032 - CAOND120033<br>CAOND120048<br>CAOND120081<br>CAOND120085<br>CAOND120118<br>CAOND120170<br>CAOND120183<br>CAOND120361<br>CAOND120371<br>CAOND120381<br>CAOND120399<br>CAOND120422<br>CAOND120481<br>CAOND120512<br>CAOND120566 - CAOND120567<br>CAOND120569<br>CAOND120581<br>CAOND120618<br>CAOND120632<br>CAOND120637<br>CAOND120643<br>CAOND120658<br>CAOND120685<br>CAOND120687<br>CAOND120692<br>CAOND120701<br>CAOND120712 |
| CXE5505D19WRA-001 | Excaon2-WRA | CAOND119016 - CAOND119020<br>CAOND119050 - CAOND119052 |

**Hole number:** KLUC19-526

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND119060 - CAOND119071 |

*The sample list may content samples from other holes

**Major:** **From:** 0.00 **To:** 13.40 OVB, Overburden

Overburden/casing

**Major:** **From:** 13.40 **To:** 57.20 V8Gs, Trachyte green spotted

Composition: Dark purplish grey fine grained matrix with 20-25% fine to medium grained, dark green angular and subhedral amphiboles, and 2-5% rounded to subrounded, green, epidote altered clasts?, less than 1 - 2cm in size, randomly distibuted throughout; V8Gs - Trachyte green spotted. Magnetism: Moderately magnetic. Veinning: 1-2% stringers of white calcite at no prefered orientation dominantly less than 1cm thick. Structure: Undeformed with weak fracturing observed locally into angular pieces 5-10cm thick. Alteration: Moderate epidote alteration occuring in clasts and weak to locally moderate pervasive hematite alteration. Moderate pervasive calcite alteration. Mineralization: 2-3% locally increasing to 5% very fine grained disseminated Py mineralization occuring throughout with local clustered fine grained Py and microfratures with 90% Py. Locally Py increase to medium grained and 20% occuring in semi-massive clusters and disseminated. Lower Contact: Sharp, blebby and irregular over 40cm between 57.2-57.6m. At 57.6m, the contact is sharp and straight at 45 TCA.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

13.40, 36.00, PYR, DIS, 2.00, -, -, 2-3% locally increasing to 5% very fine grained disseminated Py mineralization occuring throughout with local clustered fine grained Py and microfratures with 90% Py.
36.00, 42.00, PYR, SMA, 20.00, -, -, 20-25% fine to medium grained Py occuring in semi-massive clusters and disseminated
42.00, 57.20, PYR, DIS, 5.00, -, -, 5-8% fine grained disseminated Py mineralization occuring throughout with local medium grained Py and microfratures with 90-95% Py.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

13.40, 48.00, CAL+, PEN, MOD, -, -, -, Moderate pervasive calcite alteration
39.50, 41.00, HEM+, PEN, MOD, -, -, -, Moderate pervasive hem alteration

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

38.00, 46.00, CAL, 3.00, -, -, -, -, -, -, -, -, -, 3% irregular white and pale pink calcite veinning with local minor qtz and chl

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND119686 | 13.4 | 14.5 | 1.1 | 0.074 | | | | 2.71 |
| CAOND119687 | 14.5 | 16.0 | 1.5 | 0.080 | | | | 2.70 |
| CAOND119688 | 16.0 | 17.5 | 1.5 | 0.021 | | | | 2.75 |
| CAOND119689 | 17.5 | 19.0 | 1.5 | 0.168 | | | | 2.71 |
| CAOND119691 | 19.0 | 20.5 | 1.5 | 0.076 | | | | 2.72 |
| CAOND119692 | 20.5 | 22.0 | 1.5 | 0.325 | | | | 2.73 |
| CAOND119693 | 22.0 | 23.5 | 1.5 | 0.297 | | | | 2.73 |
| CAOND119694 | 23.5 | 25.0 | 1.5 | 0.083 | | | | 2.72 |
| CAOND119695 | 25.0 | 26.5 | 1.5 | 0.023 | | | | 2.73 |
| CAOND119696 | 26.5 | 28.0 | 1.5 | 0.108 | | | | 2.72 |
| CAOND119697 | 28.0 | 29.5 | 1.5 | 0.183 | | | | 2.68 |
| CAOND119698 | 29.5 | 31.0 | 1.5 | 0.546 | | | | 2.70 |
| CAOND119699 | 31.0 | 32.5 | 1.5 | 0.028 | | | | 2.69 |
| CAOND119701 | 32.5 | 34.0 | 1.5 | 0.039 | | | | 2.72 |
| CAOND119702 | 34.0 | 35.5 | 1.5 | 0.242 | | | | 2.70 |
| CAOND119703 | 35.5 | 37.0 | 1.5 | 0.351 | | | | 2.68 |
| CAOND119704 | 37.0 | 38.0 | 1.0 | 0.439 | | | | 2.71 |
| CAOND119705 | 38.0 | 39.5 | 1.5 | 0.167 | | | | 2.70 |
| CAOND119706 | 39.5 | 40.5 | 1.0 | 0.266 | | | | 2.86 |
| CAOND119707 | 40.5 | 41.5 | 1.0 | 0.550 | | | | 2.74 |
| CAOND119708 | 41.5 | 43.0 | 1.5 | 0.849 | | | | 2.70 |
| CAOND119709 | 43.0 | 44.5 | 1.5 | 0.209 | | | | 2.76 |
| CAOND119710 | 44.5 | 46.0 | 1.5 | 0.285 | | | | 2.70 |
| CAOND119711 | 46.0 | 47.5 | 1.5 | 3.320 | | | | 2.81 |
| CAOND119712 | 47.5 | 49.0 | 1.5 | 1.465 | | | | 2.76 |
| CAOND119713 | 49.0 | 50.5 | 1.5 | 0.846 | | | | 2.88 |
| CAOND119714 | 50.5 | 52.0 | 1.5 | 0.294 | | | | 2.72 |
| CAOND119716 | 52.0 | 53.5 | 1.5 | 0.208 | | | | 2.74 |

**Hole number:** KLUC19-526

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND119717 | 53.5 | 55.0 | 1.5 | 0.455 | | | | 2.75 |
| CAOND119718 | 55.0 | 56.0 | 1.0 | 0.591 | | | | 2.90 |
| CAOND119719 | 56.0 | 57.2 | 1.2 | 0.432 | | | | 2.80 |

**Major:** **From:** 57.20 **To:** 62.90 I2Dp, Porphyritic Syenite

Composition: Medium to dark pink, medium grained, porphyritic; I2Dp - Syenite porphyry Magnetism: Non magnetic Veinning: 2% mm scale qtz-carb-chl vienning and calcite filled microfractures at random orientations throughout. Structure: Non to weakly deformed. Alteration: Moderate pervasive hematite alteration. Mineralization: 15-20% very fine grained disseminated Py mineralization with 1% microfractures up to 5mm thick with 90-100% massive Py Lower Contact: Sharp but fractured

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

57.20, 62.90, PYR, DIS, 15.00, -, -, 15-20% fine grained disseminated Py mineralization throughout with 1% microfractures with semi massive to massive 90-100% Py

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

57.20, 62.90, HEM+, PEN, MOD, -, -, -, Moderate pervasive hem alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND119721 | 57.2 | 57.7 | 0.5 | 0.217 | | | | 2.75 |
| CAOND119722 | 57.7 | 59.0 | 1.3 | 0.267 | | | | 2.65 |
| CAOND119723 | 59.0 | 60.5 | 1.5 | 0.630 | | | | 2.65 |
| CAOND119724 | 60.5 | 62.0 | 1.5 | 12.550 | | | | 2.68 |
| CAOND119726 | 62.0 | 62.9 | 0.9 | 0.729 | | | | 2.70 |

**Major:** **From:** 62.90 **To:** 116.90 V8Gs, Trachyte green spotted

Composition: Dark purplish grey fine grained matrix with 20-25% fine to medium grained, dark green angular and subhedral amphiboles, and 2-5% rounded to subrounded, green, epidote altered clasts?, less than 1 - 2cm in size, randomly distibuted throughout; V8Gs - Trachyte green spotted. Magnetism: Moderately magnetic. Veinning: 1-2% stringers of white calcite at no prefered orientation dominantly less than 1cm thick. Structure: Undeformed Alteration: Moderate epidote alteration occuring as spots and local pervasive moderate hematite alteration occasionally concentrated at contacts of veins. Moderate pervasive calcite alteration. Mineralization: 2-3% fine grained disseminated Py mineralization throughout with 5-10% semi-massive clusters or fracture hosted, 90-100%, medium to coarse grained Py mineralization. Lower Contact: Sharp

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

62.90, 80.70, PYR, SMA, 15.00, -, -, 2-3% fine grained disseminated Py mineralization throughout with 5-10% semi-massive clusters or fracture hosted, 90-100%, medium to coarse grained Py mineralization.

80.70, 81.00, PYR, DIS, 30.00, -, -, 30% clustered fine grained dissemianted Py mienralization occuring at lower mod. hem altered margin of a qtz vein

81.00, 98.00, PYR, DIS, 1.00, -, -, 1-2% fine graiend disseminated Py mineralization with 2-3% clusters of medium grained Py

98.00, 116.90, PYR, DIS, 2.00, -, -, 2-3% fine grained disseminated Py mineralization locally increasing to 5% with microfracture filled Py

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND119727 | 62.9 | 64.0 | 1.1 | 0.567 | | | | 2.79 |
| CAOND119728 | 64.0 | 65.5 | 1.5 | 0.282 | | | | 2.77 |
| CAOND119729 | 65.5 | 67.0 | 1.5 | 1.395 | | | | 2.78 |
| CAOND119731 | 67.0 | 68.5 | 1.5 | 3.360 | | | | 2.06 |
| CAOND119732 | 68.5 | 70.0 | 1.5 | 0.483 | | | | 2.83 |
| CAOND119733 | 70.0 | 71.5 | 1.5 | 0.375 | | | | 2.83 |
| CAOND119734 | 71.5 | 73.0 | 1.5 | 0.279 | | | | 2.85 |
| CAOND119735 | 73.0 | 74.5 | 1.5 | 0.035 | | | | 2.85 |
| CAOND119736 | 74.5 | 76.0 | 1.5 | 0.025 | | | | 2.85 |
| CAOND119737 | 76.0 | 77.5 | 1.5 | 0.246 | | | | 2.84 |
| CAOND119738 | 77.5 | 79.0 | 1.5 | 0.230 | | | | 2.85 |
| CAOND119739 | 79.0 | 80.0 | 1.0 | 0.075 | | | | 2.85 |
| CAOND119740 | 80.0 | 80.6 | 0.6 | 0.099 | | | | 2.84 |
| CAOND119741 | 80.6 | 81.2 | 0.6 | 0.615 | | | | 2.85 |
| CAOND119742 | 81.2 | 82.5 | 1.3 | 0.060 | | | | 2.86 |
| CAOND119743 | 82.5 | 84.0 | 1.5 | 0.036 | | | | 2.86 |

**Hole number:** KLUC19-526

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

80.80, 80.90, QTZ, 40.00, -, -, -, -, -, -, -, PYR, 30.00, 4cm thick qtz-carb vein with 4cm thick interval with 75% fine to medium grained clustered disseminated Py mineralization at lower mod. hem altered contact of vein

85.90, 86.00, PYR, 30.00, -, -, -, -, -, -, -, PYR, 90.00, 3cm thick vein composed of 90% fine to medium grained anhedral py

100.00, 106.00, QTZ_2, 2.00, -, -, -, -, -, -, -, -, -, 2% qtz-carb veinning less than 1cm thick with no preferred orientation

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND119744 | 84.0 | 85.5 | 1.5 | 0.021 | | | | 2.86 |
| CAOND119746 | 85.5 | 86.5 | 1.0 | 0.136 | | | | 2.88 |
| CAOND119747 | 86.5 | 88.0 | 1.5 | 0.011 | | | | 2.87 |
| CAOND119748 | 88.0 | 89.5 | 1.5 | 0.013 | | | | 2.86 |
| CAOND119749 | 89.5 | 91.0 | 1.5 | 0.012 | | | | 2.86 |
| CAOND119751 | 91.0 | 92.5 | 1.5 | 0.010 | | | | 2.86 |
| CAOND119752 | 92.5 | 94.0 | 1.5 | 0.010 | | | | 2.85 |
| CAOND119753 | 94.0 | 95.5 | 1.5 | 0.010 | | | | 2.88 |
| CAOND119754 | 95.5 | 97.0 | 1.5 | 0.007 | | | | 2.87 |
| CAOND119755 | 97.0 | 98.5 | 1.5 | 0.003 | | | | 2.86 |
| CAOND119756 | 98.5 | 100.0 | 1.5 | 0.003 | | | | 2.86 |
| CAOND119757 | 100.0 | 101.5 | 1.5 | 0.017 | | | | 2.86 |
| CAOND119758 | 101.5 | 103.0 | 1.5 | 0.012 | | | | 2.86 |
| CAOND119759 | 103.0 | 104.5 | 1.5 | 0.012 | | | | 2.86 |
| CAOND119761 | 104.5 | 106.0 | 1.5 | 0.021 | | | | 2.86 |
| CAOND119762 | 106.0 | 107.5 | 1.5 | 0.018 | | | | 2.84 |
| CAOND119763 | 107.5 | 109.0 | 1.5 | 0.028 | | | | 2.85 |
| CAOND119764 | 109.0 | 110.5 | 1.5 | 0.016 | | | | 2.87 |
| CAOND119765 | 110.5 | 112.0 | 1.5 | 0.012 | | | | 2.87 |
| CAOND119766 | 112.0 | 113.5 | 1.5 | 0.028 | | | | 2.86 |
| CAOND119767 | 113.5 | 115.0 | 1.5 | 0.030 | | | | 2.79 |
| CAOND119768 | 115.0 | 116.0 | 1.0 | 0.013 | | | | 2.85 |
| CAOND119769 | 116.0 | 116.9 | 0.9 | 0.014 | | | | 2.84 |

**Major:** **From:** 116.90 **To:** 118.80 I2Dp, Porphyritic Syenite

Composition: Medium to dark pink, fine grained matrix with medium to coarse grained phenocrysts, porphyritic; I2Dp - Syenite porphyry Magnetism: Non magnetic Veinning: Less than 1% calcite filled microfractures at random orientations throughout. Structure: Non to weakly deformed. Alteration: Moderate pervasive hematite alteration. Mineralization: 2-3% very fine grained disseminated Py mineralization Lower Contact: Sharp but irregular

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

116.90, 118.80, PYR, DIS, 2.00, -, VFG, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND119771 | 116.9 | 117.9 | 1.0 | 0.079 | | | | 2.72 |
| CAOND119772 | 117.9 | 118.8 | 0.9 | 0.027 | | | | 2.72 |

## Hole number: KLUC19-526

**Major:** **From:** 118.80 **To:** 173.20 V8Gs, Trachyte green spotted

Composition: Dark purplish grey and greenish grey, fine grained matrix with 15-20% fine to medium grained, dark green angular and subhedral amphiboles?, and 2-5% rounded to subrounded, green, epidote altered clasts? or patches, less than 1 - 2cm in size, randomly distibuted throughout; V8Gs - Trachyte green spotted. Magnetism: Moderately magnetic. Veinning: 1-2% stringers of white calcite at no prefered orientation dominantly less than 1cm thick. Structure: Undeformed with weak local fracturing. Alteration: Moderate epidote alteration occuring as spots and local pervasive moderate hematite alteration occasionally concentrated at contacts of veins. Moderate pervasive calcite alteration. Mineralization: 3-5% fine grained disseminated Py mineralization throughout with locally clusters of semi-massive Py in calcite veinlets and fractures occasional clusters contain medium grained blebby Py associated with calcite veins. Lower Contact: Sharp but irregular

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

118.80, 137.00, PYR, DIS, 3.00, -, VFG, -

137.00, 149.00, PYR, DIS, 5.00, -, VFG, -

149.00, 167.00, PYR, DIS, 5.00, -, VFG, 5% very fine grained dissemianted Py mienralization with local clusters of semi-massive to massive py mineralization occuring in fractures and cal-hem veinlets

157.00, 158.00, CPY, PAT, 5.00, -, MGR, 5% medium grained Cp mineralization clustered in an irregular qtz-cal vein

167.00, 173.20, PYR, DIS, 10.00, -, VFG, 10% very fine grained disseminated Py mineralization with trace semi-massive stringers

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

118.80, 146.80, EPD+, PAT, MOD, -, -, -, Moderate patchy Ep alteration randomly distributed throughout

146.80, 153.00, HEM+, PEN, STRONG, -, -, -, Strong pervasive hem alteration gradually decreasing to moderate then weak

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

145.40, 145.80, BRC, MOD, -, -, -, -, Moderate brecciation of host rock and intruding vein

145.70, 145.80, FRA, MOD, -, -, -, -, Moderate fracturing at lower contact of brecciated vein

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

145.40, 145.80, QTZ, 80.00, -, -, -, -, -, -, -, -, -, 60cm thick interval of moderate to strongly brecciated and altered angular fragments of host rock within a brecciated qtz-cal? vein

157.00, 158.00, QTZ, 5.00, -, -, -, -, -, -, -, CPY, 5.00, 5% irregular chaotic network of qtz veinning with 5% medium grained chalcopyrite disseminated throughout in the vein

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND119773 | 118.8 | 120.0 | 1.2 | 0.173 | | | | 2.83 |
| CAOND119774 | 120.0 | 121.5 | 1.5 | 0.559 | | | | 2.83 |
| CAOND119776 | 121.5 | 123.0 | 1.5 | 0.090 | | | | 2.85 |
| CAOND119777 | 123.0 | 124.5 | 1.5 | 0.435 | | | | 2.84 |
| CAOND119778 | 124.5 | 126.0 | 1.5 | 0.122 | | | | 2.84 |
| CAOND119779 | 126.0 | 127.5 | 1.5 | 0.193 | | | | 2.83 |
| CAOND119781 | 127.5 | 129.0 | 1.5 | 0.195 | | | | 2.85 |
| CAOND119782 | 129.0 | 130.5 | 1.5 | 0.554 | | | | 2.85 |
| CAOND119783 | 130.5 | 132.0 | 1.5 | 0.052 | | | | 2.83 |
| CAOND119784 | 132.0 | 133.5 | 1.5 | 0.172 | | | | 2.84 |
| CAOND119785 | 133.5 | 135.0 | 1.5 | 0.032 | | | | 2.85 |
| CAOND119786 | 135.0 | 136.5 | 1.5 | 0.029 | | | | 2.84 |
| CAOND119787 | 136.5 | 138.0 | 1.5 | 0.025 | | | | 2.86 |
| CAOND119788 | 138.0 | 139.5 | 1.5 | 0.031 | | | | 2.85 |
| CAOND119789 | 139.5 | 141.0 | 1.5 | 0.075 | | | | 2.85 |
| CAOND119791 | 141.0 | 142.5 | 1.5 | 0.022 | | | | 2.86 |
| CAOND119792 | 142.5 | 144.0 | 1.5 | 0.023 | | | | 2.86 |
| CAOND119793 | 144.0 | 145.0 | 1.0 | 0.035 | | | | 2.82 |
| CAOND119794 | 145.0 | 146.0 | 1.0 | 0.029 | | | | 2.75 |
| CAOND119795 | 146.0 | 147.0 | 1.0 | 0.083 | | | | 2.82 |
| CAOND119796 | 147.0 | 148.5 | 1.5 | 0.079 | | | | 2.80 |
| CAOND119797 | 148.5 | 150.0 | 1.5 | 0.031 | | | | 2.80 |
| CAOND119798 | 150.0 | 151.5 | 1.5 | 0.045 | | | | 2.80 |
| CAOND119799 | 151.5 | 153.0 | 1.5 | 0.105 | | | | 2.80 |
| CAOND119801 | 153.0 | 154.5 | 1.5 | 0.006 | | | | 2.84 |
| CAOND119802 | 154.5 | 156.0 | 1.5 | 0.013 | | | | 2.83 |
| CAOND119803 | 156.0 | 157.0 | 1.0 | 0.005 | | | | 2.81 |
| CAOND119804 | 157.0 | 158.0 | 1.0 | 0.014 | | | | 2.73 |
| CAOND119805 | 158.0 | 159.5 | 1.5 | 0.019 | | | | 2.81 |
| CAOND119806 | 159.5 | 161.0 | 1.5 | 0.007 | | | | 2.83 |
| CAOND119807 | 161.0 | 162.5 | 1.5 | 0.009 | | | | 2.85 |
| CAOND119808 | 162.5 | 164.0 | 1.5 | 0.034 | | | | 2.85 |
| CAOND119809 | 164.0 | 165.5 | 1.5 | 0.034 | | | | 2.84 |

**Hole number:** KLUC19-526

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND119810 | 165.5 | 167.0 | 1.5 | 0.015 | | | | 2.84 |
| CAOND119811 | 167.0 | 168.5 | 1.5 | 0.023 | | | | 2.84 |
| CAOND119812 | 168.5 | 169.5 | 1.0 | 0.015 | | | | 2.84 |
| CAOND119813 | 169.5 | 170.5 | 1.0 | 0.065 | | | | 2.83 |
| CAOND119814 | 170.5 | 172.0 | 1.5 | 0.016 | | | | 2.83 |
| CAOND119816 | 172.0 | 173.2 | 1.2 | 0.024 | | | | 2.84 |

**Major:** **From:** 173.20 **To:** 175.80 I2Dp, Porphyritic Syenite

Composition: Medium to dark pink, fine grained matrix with medium to coarse grained phenocrysts, porphyritic, 5% irregular clasts? of V8GS? randomly distributed throughout; I2Dp - Syenite porphyry Magnetism: Non magnetic Veinning: 2% qtz-cal veinning, less than 1cm thick, dominantly trending parallel to core. Structure: Undeformed. Alteration: Moderate pervasive hematite alteration. Mineralization: 5% very fine grained disseminated Py mineralization, locally occuring as medium grained clusteres Lower Contact: Gradational

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

173.20, 175.80, PYR, DIS, 5.00, -, VFG, 5% very fine grained disseminated Py mineralization

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

173.20, 175.80, HEM+, PEN, MOD, -, -, -, Moderate pervasive hematite alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND119817 | 173.2 | 174.5 | 1.3 | 0.069 | | | | 2.83 |
| CAOND119818 | 174.5 | 175.8 | 1.3 | 0.034 | | | | 2.81 |

**Major:** **From:** 175.80 **To:** 177.00 V8Gs, Trachyte green spotted

Composition: Medium to dark greenish grey to greenish brown, fine grained matrix with 1-2% fine to medium grained, dark green angular and subhedral amphiboles?, altered, 10-15% medium grained spots of epidote; V8Gs - Trachyte green spotted. Magnetism: Moderately magnetic. Veinning: 1-2% stringers of white calcite at no prefered orientation dominantly less than 1cm thick. Structure: Undeformed with weak local fracturing. Alteration: Moderate epidote alteration occuring as spots and minor moderate hematite alteration occuring in vein and fracture margins. Moderate pervasive calcite alteration. Mineralization: 10% very fine grained disseminated Py mineralization with trace clustered medium grained Py Lower Contact: Gradational

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

175.80, 177.00, PYR, DIS, 10.00, -, VFG, 10% very fine graiend dissemianted Py with trace clustered medium grained Py

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND119819 | 175.8 | 177.0 | 1.2 | 0.040 | | | | 2.87 |

**Major:** **From:** 177.00 **To:** 179.60 I2Dp, Porphyritic Syenite

Composition: Medium to dark pink, fine grained matrix with medium to coarse grained phenocrysts, porphyritic; I2Dp - Syenite porphyry Magnetism: Non magnetic Veinning: 2% cal-hem filled microfractures Structure: Undeformed. Alteration: Moderate pervasive hematite alteration.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND119821 | 177.0 | 178.5 | 1.5 | 0.023 | | | | 2.82 |
| CAOND119822 | 178.5 | 179.6 | 1.1 | 0.046 | | | | 2.81 |

**Hole number:** KLUC19-526

Mineralization: 5% fine grained Py mineralization dominantly occuring in cal-hem microfractures but also very fine grained and disseminated throughout Lower Contact: Relatively sharp but irregular

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

177.00, 179.60, PYR, DIS, 5.00, -, FGR, 5% fine grained Py mineralization dominantly occuring in cal-hem microfractures but also very fine grained and disseminated throughout

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

177.00, 179.60, HEM+, PEN, MOD, -, -, -, Moderate pervasive hem alteration with strong alteration at immediate contacts of fractures

**Major:** **From:** 179.60 **To:** 225.80 V8Gs, Trachyte green spotted

Composition: Medium to dark greenish grey to greenish brown, fine grained matrix with 2-3% fine to medium grained, dark green angular and subhedral amphiboles?, altered, 5-10% medium grained spots of epidote that gradually increase to 1-2cm sized blebs or calsts; V8Gs - Trachyte green spotted. Magnetism: Moderately magnetic. Veinning: 1-2% stringers of white and pink calcite at no prefered orientation dominantly less than 1cm thick; occuring as irregular patches and filled microfractures. Structure: Undeformed Alteration: Weak epidote alteration occuring as spots and minor moderate hematite alteration occuring in vein and fracture margins. Moderate pervasive calcite alteration. Mineralization: 10-15% very fine grained disseminated Py mineralization with trace clustered medium grained Py and semi-massive Py occuring in random lenses and in fractures. Lower Contact: Deformed, moderate deformation oriented at 45 TCA over 30cm at lower contact

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

179.60, 197.00, PYR, DIS, 15.00, -, FGR, 15-20% very fine grained disseminated Py mineralization with trace clustered medium grained Py

197.00, 211.00, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated Py mineralization

211.00, 212.00, PYR, DIS, 3.00, -, FGR, 3-5% fine grained disseminated and clustered Py mienralization

212.00, 225.80, PYR, DIS, 1.00, -, FGR, 1-2% fine grained dissemianted Py mineralization with local minor clusters of up to 3-5% Py

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

179.60, 225.80, EPD+, PAT, MOD, -, -, -, Moderate Ep alteration occuring as spots and rounded blebby clasts

179.60, 225.80, HEM+, PAT, WEAK, -, -, -, Local weak to moderate hem alteration occuring as random patches and in margins of veins

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

225.50, 225.80, DFZ, MOD, 45.00, -, -, -, Moderate deformation at lower contact over 30cm at 45 TCA

225.50, 225.80, FOL, MOD, 45.00, -, -, -, Moderate deformation at lower contact over 30cm at 45 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND119823 | 179.6 | 181.0 | 1.4 | 0.632 | | | | 2.87 |
| CAOND119824 | 181.0 | 182.5 | 1.5 | 0.155 | | | | 2.87 |
| CAOND119826 | 182.5 | 184.0 | 1.5 | 0.431 | | | | 2.86 |
| CAOND119827 | 184.0 | 185.5 | 1.5 | 0.124 | | | | 2.83 |
| CAOND119828 | 185.5 | 187.0 | 1.5 | 0.095 | | | | 2.85 |
| CAOND119829 | 187.0 | 188.5 | 1.5 | 0.238 | | | | 2.84 |
| CAOND119831 | 188.5 | 190.0 | 1.5 | 0.161 | | | | 2.85 |
| CAOND119832 | 190.0 | 191.5 | 1.5 | 0.078 | | | | 2.85 |
| CAOND119833 | 191.5 | 193.0 | 1.5 | 0.053 | | | | 2.85 |
| CAOND119834 | 193.0 | 194.5 | 1.5 | 0.121 | | | | 2.92 |
| CAOND119835 | 194.5 | 196.0 | 1.5 | 0.634 | | | | 3.45 |
| CAOND119836 | 196.0 | 197.5 | 1.5 | 0.266 | | | | 2.84 |
| CAOND119837 | 197.5 | 199.0 | 1.5 | 0.050 | | | | 2.91 |
| CAOND119838 | 199.0 | 200.5 | 1.5 | 0.014 | | | | 2.94 |
| CAOND119839 | 200.5 | 201.5 | 1.0 | 0.047 | | | | 2.87 |
| CAOND119840 | 201.5 | 202.5 | 1.0 | 0.010 | | | | 2.89 |
| CAOND119841 | 202.5 | 204.0 | 1.5 | 0.028 | | | | 2.89 |
| CAOND119842 | 204.0 | 205.5 | 1.5 | 0.007 | | | | 2.88 |
| CAOND119843 | 205.5 | 207.0 | 1.5 | 0.006 | | | | 2.87 |
| CAOND119844 | 207.0 | 208.5 | 1.5 | 0.058 | | | | 2.89 |
| CAOND119846 | 208.5 | 210.0 | 1.5 | 0.026 | | | | 2.92 |
| CAOND119847 | 210.0 | 211.5 | 1.5 | 0.176 | | | | 2.87 |
| CAOND119848 | 211.5 | 213.0 | 1.5 | 0.045 | | | | 2.88 |

**Hole number:** KLUC19-526

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND119849 | 213.0 | 214.5 | 1.5 | 0.026 | | | | 2.86 |
| CAOND119851 | 214.5 | 216.0 | 1.5 | 0.127 | | | | 2.89 |
| CAOND119852 | 216.0 | 217.5 | 1.5 | 0.014 | | | | 2.86 |
| CAOND119853 | 217.5 | 219.0 | 1.5 | 0.006 | | | | 2.88 |
| CAOND119854 | 219.0 | 220.5 | 1.5 | 0.005 | | | | 2.88 |
| CAOND119855 | 220.5 | 222.0 | 1.5 | 0.005 | | | | 2.87 |
| CAOND119856 | 222.0 | 223.5 | 1.5 | 0.003 | | | | 2.86 |
| CAOND119857 | 223.5 | 224.5 | 1.0 | 0.012 | | | | 2.83 |
| CAOND119858 | 224.5 | 225.8 | 1.3 | 0.023 | | | | 2.83 |

**Major:** **From:** 225.80 **To:** 255.00 I2Dt, Trachytic Syenite

Composition: Dark grey and dark pinkish brown, fine to medium grained, relatively massive; I2Dt - Trachytic syenite. Magnetism: Moderately magnetic. Veinning: 1-2% locally increasinng to 5% irregular and discontinuous calcite veinning. Structure: Weak deformation with local weak preferential alignment at 40-50 TCA. Alteration: Moderate pervasive calcite alteration and local pervasive moderate to strong hematite alteration. Mineralization: 15-20% fine grained disseminated Py mineralization throughout. Lower Contact: Not reached

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

225.80, 241.00, PYR, DIS, 15.00, -, FGR, 15-20% fine grained disseminated Py mineralization
241.00, 248.00, PYR, DIS, 5.00, -, FGR, 5% fine graiend disseminated Py mineralization, locally up to 10%
248.00, 255.00, PYL, DIS, 10.00, -, FGR, 10% fine grained disseminated Py mineralization with local clusters of medium grained Py mineralization occuring in calcite veinning

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

225.80, 251.00, HEM+, PAT, WEAK, -, -, -, Weak patchy hematite alteration
225.80, 255.00, CAL+, PEN, MOD, -, -, -, Moderate pervasive calcite alteration
251.00, 255.00, HEM+, PAT, MOD, -, -, -, Moderate to strong pervasive patches of hematite alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

225.80, 255.00, DFZ, WEAK, -, -, -, -, Weak to moderate deformation with local weak preferential alignment at 40-50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND119859 | 225.8 | 227.0 | 1.2 | 0.056 | | | | 2.73 |
| CAOND119861 | 227.0 | 228.5 | 1.5 | 0.080 | | | | 2.78 |
| CAOND119862 | 228.5 | 230.0 | 1.5 | 0.052 | | | | 2.75 |
| CAOND119863 | 230.0 | 231.4 | 1.4 | 0.056 | | | | 2.72 |
| CAOND119864 | 231.4 | 232.5 | 1.1 | 0.060 | | | | 2.72 |
| CAOND119865 | 232.5 | 234.0 | 1.5 | 0.076 | | | | 2.77 |
| CAOND119866 | 234.0 | 235.5 | 1.5 | 0.071 | | | | 2.88 |
| CAOND119867 | 235.5 | 237.0 | 1.5 | 0.068 | | | | 2.75 |
| CAOND119868 | 237.0 | 238.5 | 1.5 | 0.077 | | | | 2.80 |
| CAOND119869 | 238.5 | 240.0 | 1.5 | 0.060 | | | | 2.73 |
| CAOND119871 | 240.0 | 241.5 | 1.5 | 0.062 | | | | 2.73 |
| CAOND119872 | 241.5 | 243.0 | 1.5 | 0.027 | | | | 2.70 |
| CAOND119873 | 243.0 | 244.5 | 1.5 | 0.025 | | | | 2.79 |
| CAOND119874 | 244.5 | 246.0 | 1.5 | 0.081 | | | | 2.72 |
| CAOND119876 | 246.0 | 247.5 | 1.5 | 0.038 | | | | 2.70 |
| CAOND119877 | 247.5 | 249.0 | 1.5 | 0.106 | | | | 2.77 |
| CAOND119878 | 249.0 | 250.5 | 1.5 | 0.009 | | | | 2.69 |
| CAOND119879 | 250.5 | 252.0 | 1.5 | 0.022 | | | | 2.64 |
| CAOND119881 | 252.0 | 253.5 | 1.5 | 0.035 | | | | 2.73 |
| CAOND119882 | 253.5 | 255.0 | 1.5 | 0.219 | | | | 2.73 |

**Geochemical sample**

**Hole number: KLUC19-526**

| Sample | From | To | Ag gpt | Al2O3 Pct | Ba ppm | CaO Pct | Cu ppm | CO2 Pct | Cr ppm | Fe2O3 Pct | K2O Pct | LOI pct | MgO pct | MnO pct | Mo ppm | Na2O pct | Ni ppm | P2O5 pct |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Pb ppm | Rb ppm | SiO2 pct | Sr ppm | Tb ppm | Tm ppm | TiO2 pct | Tl ppm | Total pct | U ppm | V ppm | W ppm | Y ppm | Yb ppm | Zn ppm | Zr ppm |
| CAOND119060 | 14.3 | 14.4 | 1.0 | 14.25 | 1,510.00 | 6.74 | 43.00 | | 120.00 | 8.79 | 3.90 | 2.5 | 5.0 | 0.2 | 2.0 | 4.2 | 23.0 | 0.5 |
| | | | 2.0 | 74.5 | 52.9 | 864.0 | 0.81 | 0.33 | 0.9 | 5.00 | 100.0 | 2.0 | 201.0 | 10.0 | 23.3 | 2.1 | 70.0 | 173.0 |
| CAOND119061 | 39.6 | 39.7 | 0.3 | 15.10 | 1,540.00 | 2.65 | 7.00 | | 120.00 | 9.02 | 4.89 | 4.0 | 5.5 | 0.1 | 2.0 | 3.4 | 26.0 | 0.5 |
| | | | 5.0 | 147.0 | 54.0 | 321.0 | 0.86 | 0.34 | 0.9 | 5.00 | 100.3 | 2.3 | 212.0 | 8.0 | 24.0 | 2.4 | 73.0 | 185.0 |
| CAOND119062 | 57.7 | 57.8 | 0.3 | 16.95 | 1,480.00 | 3.01 | 4.00 | | 10.00 | 4.52 | 5.00 | 3.4 | 1.2 | 0.1 | 4.0 | 6.1 | 8.0 | 0.2 |
| | | | 7.0 | 108.5 | 60.6 | 447.0 | 0.41 | 0.20 | 0.4 | 5.00 | 101.5 | 3.4 | 71.0 | 4.0 | 13.3 | 1.4 | 20.0 | 176.0 |
| CAOND119063 | 117.2 | 117.3 | 0.3 | 15.75 | 1,900.00 | 4.43 | 8.00 | | 90.00 | 5.22 | 4.56 | 3.7 | 2.4 | 0.1 | 4.0 | 5.3 | 24.0 | 0.2 |
| | | | 5.0 | 114.5 | 57.2 | 995.0 | 0.46 | 0.20 | 0.4 | 5.00 | 99.6 | 3.0 | 129.0 | 8.0 | 13.5 | 1.4 | 40.0 | 156.0 |
| CAOND119064 | 124.5 | 124.7 | 0.5 | 13.60 | 1,490.00 | 6.64 | 54.00 | | 150.00 | 9.64 | 3.74 | 2.4 | 5.5 | 0.2 | 3.0 | 3.9 | 30.0 | 0.5 |
| | | | 2.0 | 94.1 | 51.8 | 953.0 | 0.73 | 0.30 | 0.9 | 5.00 | 99.0 | 1.8 | 212.0 | 26.0 | 22.7 | 2.2 | 71.0 | 156.0 |
| CAOND119065 | 166.4 | 166.5 | 0.3 | 13.80 | 1,360.00 | 6.41 | 8.00 | | 150.00 | 9.74 | 3.28 | 3.0 | 5.4 | 0.2 | 3.0 | 4.4 | 29.0 | 0.5 |
| | | | 1.0 | 80.9 | 51.9 | 802.0 | 0.80 | 0.36 | 0.9 | 5.00 | 99.6 | 1.7 | 219.0 | 2.0 | 23.5 | 2.4 | 59.0 | 164.0 |
| CAOND119066 | 173.8 | 174.0 | 0.3 | 14.95 | 1,555.00 | 6.52 | 6.00 | | 210.00 | 7.07 | 3.99 | 2.6 | 4.6 | 0.2 | 4.0 | 4.8 | 44.0 | 0.3 |
| | | | 1.0 | 95.6 | 53.6 | 708.0 | 0.55 | 0.28 | 0.6 | 5.00 | 99.5 | 2.1 | 157.0 | 40.0 | 17.9 | 1.8 | 61.0 | 153.0 |
| CAOND119067 | 177.2 | 177.4 | 0.3 | 15.30 | 1,395.00 | 4.09 | 9.00 | | 200.00 | 7.60 | 3.12 | 2.7 | 4.3 | 0.1 | 6.0 | 5.6 | 47.0 | 0.3 |
| | | | 3.0 | 76.3 | 55.5 | 726.0 | 0.58 | 0.28 | 0.6 | 5.00 | 99.5 | 2.4 | 170.0 | 39.0 | 18.4 | 1.7 | 64.0 | 158.0 |
| CAOND119068 | 181.4 | 181.5 | 0.3 | 13.85 | 1,580.00 | 5.36 | 10.00 | | 170.00 | 9.57 | 3.56 | 3.5 | 5.8 | 0.2 | 5.0 | 3.8 | 33.0 | 0.5 |
| | | | 2.0 | 87.4 | 51.4 | 865.0 | 0.88 | 0.30 | 0.9 | 5.00 | 98.7 | 1.9 | 219.0 | 70.0 | 23.1 | 2.3 | 69.0 | 158.0 |
| CAOND119069 | 223.1 | 223.2 | 0.3 | 14.15 | 1,550.00 | 5.32 | 26.00 | | 160.00 | 9.65 | 3.69 | 1.5 | 5.9 | 0.2 | 1.0 | 3.9 | 32.0 | 0.5 |
| | | | 5.0 | 65.8 | 53.1 | 792.0 | 0.85 | 0.36 | 0.9 | 5.00 | 99.1 | 1.8 | 219.0 | 2.0 | 23.6 | 2.0 | 72.0 | 163.0 |
| CAOND119070 | 232.1 | 232.2 | 0.3 | 14.05 | 1,065.00 | 2.64 | 4.00 | | 320.00 | 5.93 | 8.22 | 2.8 | 4.4 | 0.1 | 14.0 | 1.3 | 94.0 | 0.2 |
| | | | 8.0 | 175.5 | 59.5 | 347.0 | 0.53 | 0.24 | 0.7 | 5.00 | 100.0 | 2.7 | 149.0 | 5.0 | 15.2 | 1.6 | 83.0 | 126.0 |
| CAOND119071 | 254.6 | 254.8 | 0.3 | 16.75 | 1,585.00 | 2.57 | 11.00 | | 40.00 | 5.95 | 5.61 | 3.0 | 2.3 | 0.1 | 3.0 | 5.1 | 14.0 | 0.3 |
| | | | 3.0 | 70.4 | 56.8 | 699.0 | 0.59 | 0.36 | 0.5 | 5.00 | 99.2 | 3.5 | 117.0 | 2.0 | 21.6 | 2.0 | 46.0 | 201.0 |

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 13.4 | 15.0 | 93.00 | 100.00 | | | N | |
| 15.0 | 18.0 | 67.00 | 100.00 | | | N | |

**Hole number:** KLUC19-526

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 18.0 | 21.0 | 67.00 | 100.00 | | | N | |
| 21.0 | 24.0 | 80.00 | 100.00 | | | N | |
| 24.0 | 27.0 | 92.00 | 100.00 | | | N | |
| 27.0 | 30.0 | 90.00 | 100.00 | | | N | |
| 30.0 | 33.0 | 97.00 | 100.00 | | | N | |
| 33.0 | 36.0 | 97.00 | 100.00 | | | N | |
| 36.0 | 39.0 | 90.00 | 100.00 | | | N | |
| 39.0 | 42.0 | 97.00 | 100.00 | | | N | |
| 42.0 | 45.0 | 97.00 | 100.00 | | | N | |
| 45.0 | 48.0 | 100.00 | 100.00 | | | N | |
| 48.0 | 51.0 | 100.00 | 100.00 | | | N | |
| 51.0 | 54.0 | 97.00 | 100.00 | | | N | |
| 54.0 | 57.0 | 98.00 | 100.00 | | | N | |
| 57.0 | 60.0 | 50.00 | 100.00 | | | N | |
| 60.0 | 63.0 | 67.00 | 100.00 | | | N | |
| 63.0 | 66.0 | 87.00 | 100.00 | | | N | |
| 66.0 | 69.0 | 100.00 | 100.00 | | | N | |
| 69.0 | 72.0 | 97.00 | 100.00 | | | N | |
| 72.0 | 75.0 | 80.00 | 100.00 | | | N | |
| 75.0 | 78.0 | 100.00 | 100.00 | | | N | |
| 78.0 | 81.0 | 97.00 | 100.00 | | | N | |
| 81.0 | 84.0 | 97.00 | 100.00 | | | N | |
| 84.0 | 87.0 | 80.00 | 100.00 | | | N | |
| 87.0 | 90.0 | 97.00 | 100.00 | | | N | |
| 90.0 | 93.0 | 100.00 | 100.00 | | | N | |
| 93.0 | 96.0 | 97.00 | 100.00 | | | N | |
| 96.0 | 99.0 | 100.00 | 100.00 | | | N | |
| 99.0 | 102.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC19-526

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 102.0 | 105.0 | 100.00 | 100.00 | | | N | |
| 105.0 | 108.0 | 98.00 | 100.00 | | | N | |
| 108.0 | 111.0 | 97.00 | 100.00 | | | N | |
| 111.0 | 114.0 | 95.00 | 100.00 | | | N | |
| 114.0 | 117.0 | 85.00 | 100.00 | | | N | |
| 117.0 | 120.0 | 73.00 | 100.00 | | | N | |
| 120.0 | 123.0 | 70.00 | 100.00 | | | N | |
| 123.0 | 126.0 | 93.00 | 100.00 | | | N | |
| 126.0 | 129.0 | 100.00 | 100.00 | | | N | |
| 129.0 | 132.0 | 100.00 | 100.00 | | | N | |
| 132.0 | 135.0 | 100.00 | 100.00 | | | N | |
| 135.0 | 138.0 | 100.00 | 100.00 | | | N | |
| 138.0 | 141.0 | 100.00 | 100.00 | | | N | |
| 141.0 | 144.0 | 100.00 | 100.00 | | | N | |
| 144.0 | 147.0 | 93.00 | 100.00 | | | N | |
| 147.0 | 150.0 | 100.00 | 100.00 | | | N | |
| 150.0 | 153.0 | 100.00 | 100.00 | | | N | |
| 153.0 | 156.0 | 97.00 | 100.00 | | | N | |
| 156.0 | 159.0 | 93.00 | 100.00 | | | N | |
| 159.0 | 162.0 | 83.00 | 100.00 | | | N | |
| 162.0 | 165.0 | 90.00 | 100.00 | | | N | |
| 165.0 | 168.0 | 100.00 | 100.00 | | | N | |
| 168.0 | 171.0 | 100.00 | 100.00 | | | N | |
| 171.0 | 174.0 | 100.00 | 100.00 | | | N | |
| 174.0 | 177.0 | 100.00 | 100.00 | | | N | |
| 177.0 | 180.0 | 100.00 | 100.00 | | | N | |
| 180.0 | 183.0 | 100.00 | 100.00 | | | N | |
| 183.0 | 186.0 | 93.00 | 100.00 | | | N | |

**Hole number:** KLUC19-526

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 186.0 | 189.0 | 75.00 | 100.00 | | | N | |
| 189.0 | 192.0 | 98.00 | 100.00 | | | N | |
| 192.0 | 195.0 | 93.00 | 100.00 | | | N | |
| 195.0 | 198.0 | 100.00 | 100.00 | | | N | |
| 198.0 | 201.0 | 100.00 | 100.00 | | | N | |
| 201.0 | 204.0 | 100.00 | 100.00 | | | N | |
| 204.0 | 207.0 | 100.00 | 100.00 | | | N | |
| 207.0 | 210.0 | 97.00 | 100.00 | | | N | |
| 210.0 | 213.0 | 98.00 | 100.00 | | | N | |
| 213.0 | 216.0 | 93.00 | 100.00 | | | N | |
| 216.0 | 219.0 | 97.00 | 100.00 | | | N | |
| 219.0 | 222.0 | 97.00 | 100.00 | | | N | |
| 222.0 | 225.0 | 95.00 | 100.00 | | | N | |
| 225.0 | 228.0 | 92.00 | 100.00 | | | N | |
| 228.0 | 231.0 | 100.00 | 100.00 | | | N | |
| 231.0 | 234.0 | 100.00 | 100.00 | | | N | |
| 234.0 | 237.0 | 100.00 | 100.00 | | | N | |
| 237.0 | 240.0 | 95.00 | 100.00 | | | N | |
| 240.0 | 243.0 | 95.00 | 100.00 | | | N | |
| 243.0 | 246.0 | 80.00 | 100.00 | | | N | |
| 246.0 | 249.0 | 92.00 | 100.00 | | | N | |
| 249.0 | 252.0 | 87.00 | 100.00 | | | N | |
| 252.0 | 255.0 | 85.00 | 100.00 | | | N | |

AGNICO EAGLE

# DRILL HOLE REPORT

## EXPLORATION CANADA ONTARIO

**Hole number:** KLUC19-529 **Project Number:** U_Canada **Project name:** Upper Canada

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Historic hole number:** | | **Collar survey:** | Y | **From:** | 0.0 | **Coordinates:** | P |
| **System:** | METRIC | **Verified:** | N | **To:** | 189.0 | **Grid:** | UTM83-17_CSRS-2010: |
| **Target:** | UC_NORTHLAND | **Gas:** | N | **Depth:** | 189.0 | **North:** | 5,332,776.49 |
| **No. Claim:** | PAT-18822 | **Multishot survey:** | N | **Location:** | Surface | **East:** | 585,774.62 |
| **Year:** | 2 019 | **Is making water:** | N | **Core storage:** | Mine Site | **Elevation:** | 350.75 |
| **Date started:** | 2019-02-05 | **Object in hole:** | N | **Contractor:** | Asinii Drilling | **Collar dip:** | -49.36 |
| **Date logged:** | 2019-02-09 | **Pulse EM survey:** | N | **Logged by:** | Melanie Bouchard | **Collar azimuth:** | 345.50 |
| **Date completed:** | 2019-02-07 | **Plugged:** | N | **Signature:** | Mélanie Bouchard | | |
| **Core size:** | NQ | **Cemented:** | N | | | | |
| **Hole type:** | EXP | **Branch:** | N | | | | |
| **Casing:** | Left in Hole, capped | **Reserve:** | N | | | | |
| **Logging status:** | Signed | | | | | | |
| **Rig number:** | 2501 | | | | | | |

**Additional sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Proposed hole: UCP19-020. New and improved Asinii II drill Rig: 2501. Targeting: Shallow, high grade Northland targets; corrections to location data and direction data made by S.Villeneuve (June 29th 2019).

**Assay average**

| Average type | From | To | Length | Width | Zone | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Pb_ppm | Ni_ppm | As_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WEIGHTED | 2.0 | 3.5 | 1.5 | | | 3.650 | | | | | | |
| WEIGHTED | 2.0 | 15.5 | 13.5 | | | 0.925 | | | | | | |
| WEIGHTED | 47.5 | 52.0 | 4.5 | | | 1.171 | | | | | | |
| WEIGHTED | 59.5 | 69.5 | 10.0 | | | 1.238 | | | | | | |

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 345.00 | -45.00 | PLANNED | | Planned orientation |
| 12.0 | 339.50 | -47.90 | EZ | D | Mag. 56105 |
| 74.0 | 346.20 | -47.80 | EZ | O | mag, 53627 |
| 135.0 | 347.80 | -47.50 | EZ | O | Mag. 54793 |
| 189.0 | 349.10 | -47.60 | EZ | O | Mag. 54933 |

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 345.50 | -49.36 | S | O | Surveyed dip and azimuth (true North) |
| 42.0 | 345.20 | -47.60 | EZ | O | Mag. 53044 |
| 105.0 | 347.20 | -47.70 | EZ | O | Mag. 53639 |
| 165.0 | 348.10 | -47.60 | EZ | O | Mag, 54753 |

**Hole number:** KLUC19-529

| Certificate |
|---|
| TM19035362 |
| TM19035368 |
| TM19037312 |
| TM19037316 |
| TM19043448 |
| TM19043452 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505D19-001 | Excaon1D | CAOND118442 - CAOND118448<br>CAOND119638 - CAOND119930 |
| CXE5505D19-002 | Excaon1D | CAOND118449 - CAOND118455<br>CAOND119931 - CAOND120000 |
| CXE5505D19-003 | Excaon1D | CAOND118456 - CAOND118500<br>CAOND120001 - CAOND120203 |
| CXE5505D19-071 | Excaon1 | CAOND114322<br>CAOND114326<br>CAOND114329<br>CAOND114344<br>CAOND114351<br>CAOND114383<br>CAOND114423<br>CAOND114436<br>CAOND114443<br>CAOND114446<br>CAOND114454<br>CAOND114458<br>CAOND116718<br>CAOND116726<br>CAOND116858<br>CAOND116861<br>CAOND116872<br>CAOND116903<br>CAOND116918<br>CAOND116944<br>CAOND116952<br>CAOND116957<br>CAOND116977<br>CAOND116988<br>CAOND117059<br>CAOND117063<br>CAOND117069 - CAOND117070<br>CAOND117091<br>CAOND117117<br>CAOND117121<br>CAOND117134<br>CAOND117146<br>CAOND117169<br>CAOND117177<br>CAOND117193<br>CAOND117197 |

| Sample number | Standard |
|---|---|
| CAOND118460 | CDN-CM-27-AEM |
| CAOND118470 | BLANK-DB |
| CAOND118475 | CDN-GS-5U-AEM |
| CAOND119890 | CDN-CM-28-AEM |
| CAOND119915 | CDN-CM-27-AEM |
| CAOND119920 | BLANK-DB |
| CAOND119930 | CDN-GS-5U-AEM |
| CAOND119945 | CDN-CM-28-AEM |
| CAOND119960 | CDN-CM-27-AEM |
| CAOND119970 | BLANK-DB |
| CAOND119975 | CDN-GS-5U-AEM |
| CAOND119990 | CDN-CM-28-AEM |

**Hole number:** KLUC19-529

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND117232 |
| | | CAOND117251 |
| | | CAOND117276 |
| | | CAOND117285 |
| | | CAOND117287 |
| | | CAOND117307 |
| | | CAOND117317 |
| | | CAOND117348 |
| | | CAOND117352 - CAOND117354 |
| | | CAOND117367 |
| | | CAOND117376 |
| | | CAOND117408 |
| | | CAOND117410 |
| | | CAOND117431 |
| | | CAOND117467 |
| | | CAOND117489 |
| | | CAOND117492 - CAOND117493 |
| | | CAOND117501 |
| | | CAOND117563 - CAOND117564 |
| | | CAOND117591 |
| | | CAOND117596 |
| | | CAOND117619 |
| | | CAOND117622 |
| | | CAOND117631 - CAOND117632 |
| | | CAOND117670 |
| | | CAOND117678 - CAOND117679 |
| | | CAOND117681 |
| | | CAOND117691 |
| | | CAOND117696 |
| | | CAOND117732 - CAOND117733 |
| | | CAOND117761 |
| | | CAOND117778 |
| | | CAOND117788 |
| | | CAOND117803 |
| | | CAOND117817 |
| | | CAOND117863 |
| | | CAOND117871 |
| | | CAOND117936 |
| | | CAOND117981 |
| | | CAOND118114 |
| | | CAOND118135 |
| | | CAOND118143 |
| | | CAOND118145 |

**Hole number:** KLUC19-529

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND118236 |
| | | CAOND118251 |
| | | CAOND118287 |
| | | CAOND118301 |
| | | CAOND118316 |
| | | CAOND118319 |
| | | CAOND118346 |
| | | CAOND118351 |
| | | CAOND118381 |
| | | CAOND118395 |
| | | CAOND118410 |
| | | CAOND118436 |
| | | CAOND118463 |
| | | CAOND118479 |
| | | CAOND118481 |
| | | CAOND118539 |
| | | CAOND118556 |
| | | CAOND118618 |
| | | CAOND118631 |
| | | CAOND118664 |
| | | CAOND118684 |
| | | CAOND118686 |
| | | CAOND118688 |
| | | CAOND118707 |
| | | CAOND118720 |
| | | CAOND118754 |
| | | CAOND118793 |
| | | CAOND118829 |
| | | CAOND118835 |
| | | CAOND118851 |
| | | CAOND118859 |
| | | CAOND118862 |
| | | CAOND118897 |
| | | CAOND118933 |
| | | CAOND118941 |
| | | CAOND118947 |
| | | CAOND118954 |
| | | CAOND118966 |
| | | CAOND118981 |
| | | CAOND119502 |
| | | CAOND119526 |
| | | CAOND119551 |
| | | CAOND119564 |

**Hole number:** KLUC19-529

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND119569 |
| | | CAOND119571 |
| | | CAOND119573 |
| | | CAOND119583 |
| | | CAOND119585 |
| | | CAOND119591 |
| | | CAOND119621 |
| | | CAOND119645 |
| | | CAOND119677 |
| | | CAOND119771 |
| | | CAOND119802 |
| | | CAOND119809 |
| | | CAOND119817 |
| | | CAOND119841 |
| | | CAOND119846 |
| | | CAOND119873 |
| | | CAOND119913 |
| | | CAOND119918 |
| | | CAOND120032 - CAOND120033 |
| | | CAOND120048 |
| | | CAOND120081 |
| | | CAOND120085 |
| | | CAOND120118 |
| | | CAOND120170 |
| | | CAOND120183 |
| | | CAOND120361 |
| | | CAOND120371 |
| | | CAOND120381 |
| | | CAOND120399 |
| | | CAOND120422 |
| | | CAOND120481 |
| | | CAOND120512 |
| | | CAOND120566 - CAOND120567 |
| | | CAOND120569 |
| | | CAOND120581 |
| | | CAOND120618 |
| | | CAOND120632 |
| | | CAOND120637 |
| | | CAOND120643 |
| | | CAOND120658 |
| | | CAOND120685 |
| | | CAOND120687 |
| | | CAOND120692 |

**Hole number:** KLUC19-529

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND120701<br>CAOND120712 |
| CXE5505D19WRA-001 | Excaon2-WRA | CAOND119016 - CAOND119020<br>CAOND119050 - CAOND119052<br>CAOND119060 - CAOND119071 |
| CXE5505D19WRA-002 | Excaon2-WRA | CAOND119021 - CAOND119023 |
| CXE5505D19WRA-003 | Excaon2-WRA | CAOND119024 - CAOND119025<br>CAOND119072 - CAOND119084 |

*The sample list may content samples from other holes

**Major: From:** 0.00 **To:** 2.00 OVB, Overburden

Overburden/casing

**Major: From:** 2.00 **To:** 35.00 V8Gs, Trachyte green spotted

Composition: Dark green and purplish grey to brownish, fine grained matrix with 5-10% fine to medium grained, dark green angular and subhedral amphiboles, and 25-30% rounded to subrounded, yellowish green, dominantly medium grained, epidote altered blebby spots randomly distibuted throughout; V8Gs - Trachyte green spotted. Magnetism: Moderately magnetic. Veinning: 2-3% irregular, chaotic and whispy white to pale pink calcite veinlets < 1cm thick. No preferred orientation. Structure: Undeformed with weak fracturing observed locally into angular pieces 5-10cm thick. Alteration: Moderate epidote alteration occuring a randomly distruted spots throughout, weak to locally moderate pervasive hematite alteration concentrated in vein and fracture margins, moderate pervasive calcite alteration.
Mineralization: 10-20% fine grained disseminated Py mineralization locally observed as clusters in veins and semi-massive fracture filled. @14.7-14.8m = coarse grained subhedral Py mineralization occuring in a mm scale cal-chl veinlets. Lower Contact: Sharp, but irregular and intruded by a 2cm thick qtz-cal vein.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

2.00, 35.00, PYR, DIS, 10.00, -, -, 10-20% fine grained disseminated Py mineralization locally observed as clusters in veins and semi-massive fracture filled. @14.7-14.8m = coarse grained subhedral Py mineralization occuring in a mm scale cal-chl veinlets.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

2.00, 35.00, CAL+, PEN, WEAK, -, -, -, Weak to moderate pervasive calcite alteration
2.00, 35.00, EPD+, SPO, MOD, -, -, -, Moderate spotted epidote alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

2.00, 9.00, BRR, WEAK, -, -, -, -, Weak fracture into 5-10cm thick pieces

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/CON

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND119883 | 2.0 | 3.5 | 1.5 | 3.650 | | | | 2.87 |
| CAOND119884 | 3.5 | 5.0 | 1.5 | 0.843 | | | | 2.84 |
| CAOND119885 | 5.0 | 6.5 | 1.5 | 0.270 | | | | 2.86 |
| CAOND119886 | 6.5 | 8.0 | 1.5 | 0.270 | | | | 2.84 |
| CAOND119887 | 8.0 | 9.5 | 1.5 | 0.785 | | | | 2.85 |
| CAOND119888 | 9.5 | 11.0 | 1.5 | 0.350 | | | | 2.84 |
| CAOND119889 | 11.0 | 12.5 | 1.5 | 0.434 | | | | 2.84 |
| CAOND119891 | 12.5 | 14.0 | 1.5 | 0.451 | | | | 2.87 |
| CAOND119892 | 14.0 | 15.5 | 1.5 | 1.270 | | | | 2.86 |
| CAOND119893 | 15.5 | 17.0 | 1.5 | 0.079 | | | | 2.82 |
| CAOND119894 | 17.0 | 18.5 | 1.5 | 0.040 | | | | 2.88 |
| CAOND119895 | 18.5 | 20.0 | 1.5 | 0.022 | | | | 2.84 |
| CAOND119896 | 20.0 | 21.0 | 1.0 | 0.030 | | | | 2.87 |
| CAOND119897 | 21.0 | 22.5 | 1.5 | 0.116 | | | | 2.86 |
| CAOND119898 | 22.5 | 24.0 | 1.5 | 0.063 | | | | 2.84 |
| CAOND119899 | 24.0 | 25.5 | 1.5 | 0.005 | | | | 2.87 |
| CAOND119901 | 25.5 | 27.0 | 1.5 | 0.053 | | | | 2.85 |
| CAOND119902 | 27.0 | 28.5 | 1.5 | 0.029 | | | | 2.85 |
| CAOND119903 | 28.5 | 30.0 | 1.5 | 0.047 | | | | 2.85 |
| CAOND119904 | 30.0 | 31.5 | 1.5 | 0.015 | | | | 2.84 |
| CAOND119905 | 31.5 | 33.0 | 1.5 | 0.063 | | | | 2.84 |
| CAOND119906 | 33.0 | 34.0 | 1.0 | 0.037 | | | | 2.83 |

**Hole number:** KLUC19-529

NTS
9.00, 12.00, CAL, 3.00, -, -, -, -, -, -, -, PYR, 10.00, 3% irregular, chaotic, whispy and discontinuous calcite veinlets with 10-15% disseminated and clustered Py mineralization

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND119907 | 34.0 | 35.0 | 1.0 | 0.058 | | | | 2.79 |

**Major:** **From:** 35.00 **To:** 38.60 I2Dp, Porphyritic Syenite

Composition: Medium salmon pink to medium pinkish brown, medium grained, porphyritic, strongly altered and brittely deformed; I2Dp - Syenite porphyry Magnetism: Non magnetic Veinning: 3% mm scale qtz-cal veinlets at no preferred orientation with local irregular veins running parallel to core axis. Structure: Moderately brittely deformed with network of microfracturing throughout. Alteration: Strongly alteration, combination of hem and Se? Mineralization: 20% very fine and fine grained disseminated Py mineralization. Lower Contact: Sharp but irregular

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
35.00, 38.60, PYR, DIS, 20.00, -, -, 20% very fine and fine grained disseminated Py mineralization.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
35.00, 38.60, HEM+, PEN, MOD, -, -, -, Moderate pervasive hematite alteration
35.00, 38.60, SER+, PEN, MOD, -, -, -, Moderate pervasive sericite alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
35.00, 38.60, FRA, MOD, -, -, -, -, Moderate network of microfracturing and healed qtz-cal filled microfraturing

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS
35.00, 38.60, CAL, 3.00, -, -, -, -, -, -, -, -, -, 3% mm scale qtz-cal veinlets at no preferred orientation with local irregular veins running parallel to core axis.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND119908 | 35.0 | 36.0 | 1.0 | 0.121 | | | | 2.67 |
| CAOND119909 | 36.0 | 37.0 | 1.0 | 0.201 | | | | 2.68 |
| CAOND119910 | 37.0 | 37.9 | 0.9 | 0.092 | | | | 2.69 |
| CAOND119911 | 37.9 | 38.6 | 0.7 | 0.057 | | | | 2.68 |

**Major:** **From:** 38.60 **To:** 144.20 V8Gs, Trachyte green spotted

Composition: Dark green and purplish grey to brownish, fine grained matrix with 5-10% fine to medium grained, dark green angular and subhedral amphiboles, and 25-30% rounded to subrounded, yellowish green, dominantly medium grained, epidote altered blebby spots randomly distibuted throughout; V8Gs - Trachyte green spotted. Magnetism: Moderately magnetic. Veinning: 1-2% mm scale fracture filled calcite and hem veinlets at no preferred orientation Structure: Undeformed Alteration: Moderate epidote alteration occuring a randomly distruted spots throughout, weak to locally moderate pervasive hematite alteration concentrated in vein and fracture margins, moderate pervasive calcite alteration. Mineralization: 10-20% fine grained disseminated Py mineralization locally observed as clusters in veins and semi-massive fracture filled. Medium grained Py observed locally clustered in veinning. Lower Contact: Sharp and trending at 80 TCA

**MINERALIZATION**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND119912 | 38.6 | 40.0 | 1.4 | 0.035 | | | | 2.81 |
| CAOND119913 | 40.0 | 41.5 | 1.5 | 0.030 | | | | 2.83 |
| CAOND119914 | 41.5 | 43.0 | 1.5 | 0.029 | | | | 2.85 |
| CAOND119916 | 43.0 | 44.5 | 1.5 | 0.052 | | | | 2.86 |
| CAOND119917 | 44.5 | 46.0 | 1.5 | 0.038 | | | | 2.85 |
| CAOND119918 | 46.0 | 47.5 | 1.5 | 0.195 | | | | 2.85 |
| CAOND119919 | 47.5 | 49.0 | 1.5 | 2.500 | | | | 2.86 |
| CAOND119921 | 49.0 | 50.5 | 1.5 | 0.320 | | | | 2.84 |

**Hole number:** KLUC19-529

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
38.60, 144.20, PYR, DIS, 5.00, -, -, 5-10% disseminated Py mineralization with local clusters of 10-20 and 20-30% disseminated Py dominantly observed in marings of veins or fractures, locally occuring as semi-massive to massive veins and fracture filled

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
38.60, 144.20, CAL+, PEN, WEAK, -, -, -, Weak to moderate pervasive calcite alteration
38.60, 144.20, EPD+, SPO, MOD, -, -, -, Moderate spotted epidote alteration

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
63.00, 63.50, QTZ_2, 10.00, -, -, -, -, -, -, -, CPY, 5.00, 10% qtz-cal-chl vienlets 1-5mm thick, trending at 20 TCA and contain 3-5% clustered Cp mineralization in the vein
63.90, 64.00, PYR, 10.00, -, -, -, -, -, -, -, PYR, 95.00, 1cm thick massive Py vein oriented at 30 TCA
75.90, 76.00, PYR, 40.00, -, -, -, -, -, -, -, PYR, 80.00, 5cm thick vein? of calcite containning 80% fine and medium grained disseminated Py mineralization
88.40, 88.60, QtzCalChl, 25.00, -, -, -, -, -, -, -, CPY, 2.00, 4cm thick qtz-cal-chl vein trending a 45 TCA. Contains 1% clustered Cp and 2% Py mineralization
93.00, 93.50, QTZ_2, 5.00, -, -, -, -, -, -, -, PYR, 30.00, 3% irregular and discontinuous qtz-cal veinning with 30% fine and medium grained disseminated and clustered Py mineralization
141.00, 141.20, QTZ_2, 30.00, -, -, -, -, -, -, -, PYR, 15.00, 6cm thick qtz-cal-chl vein with wavy contacts trending at 45 TCA, 15% very fine grained Py mineralization disseminated in mod. hem altered margins of the vein

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND119922 | 50.5 | 52.0 | 1.5 | 0.693 | | | | 2.83 |
| CAOND119923 | 52.0 | 53.5 | 1.5 | 0.242 | | | | 2.85 |
| CAOND119924 | 53.5 | 55.0 | 1.5 | 0.261 | | | | 2.86 |
| CAOND119926 | 55.0 | 56.5 | 1.5 | 0.128 | | | | 2.84 |
| CAOND119927 | 56.5 | 58.0 | 1.5 | 0.126 | | | | 2.84 |
| CAOND119928 | 58.0 | 59.5 | 1.5 | 0.247 | | | | 2.81 |
| CAOND119929 | 59.5 | 61.0 | 1.5 | 2.900 | | | | 2.80 |
| CAOND119931 | 61.0 | 62.5 | 1.5 | 1.820 | | | | 2.84 |
| CAOND119932 | 62.5 | 63.5 | 1.0 | 1.180 | | | | 2.85 |
| CAOND119933 | 63.5 | 65.0 | 1.5 | 0.607 | | | | 2.84 |
| CAOND119934 | 65.0 | 66.5 | 1.5 | 0.495 | | | | 2.84 |
| CAOND119935 | 66.5 | 68.0 | 1.5 | 0.259 | | | | 2.80 |
| CAOND119936 | 68.0 | 69.5 | 1.5 | 1.385 | | | | 2.78 |
| CAOND119937 | 69.5 | 71.0 | 1.5 | 0.260 | | | | 2.83 |
| CAOND119938 | 71.0 | 72.5 | 1.5 | 0.133 | | | | 2.81 |
| CAOND119939 | 72.5 | 74.0 | 1.5 | 0.063 | | | | 2.81 |
| CAOND119940 | 74.0 | 75.5 | 1.5 | 0.182 | | | | 2.83 |
| CAOND119941 | 75.5 | 77.0 | 1.5 | 0.677 | | | | 2.83 |
| CAOND119942 | 77.0 | 78.5 | 1.5 | 0.757 | | | | 2.85 |
| CAOND119943 | 78.5 | 80.0 | 1.5 | 0.156 | | | | 2.84 |
| CAOND119944 | 80.0 | 81.5 | 1.5 | 0.097 | | | | 2.86 |
| CAOND119946 | 81.5 | 83.0 | 1.5 | 0.027 | | | | 2.86 |
| CAOND119947 | 83.0 | 84.5 | 1.5 | 0.156 | | | | 2.86 |
| CAOND119948 | 84.5 | 86.0 | 1.5 | 0.127 | | | | 2.84 |
| CAOND119949 | 86.0 | 87.5 | 1.5 | 0.100 | | | | 2.84 |
| CAOND119951 | 87.5 | 89.0 | 1.5 | 0.503 | | | | 2.82 |
| CAOND119952 | 89.0 | 90.5 | 1.5 | 0.147 | | | | 2.83 |
| CAOND119953 | 90.5 | 92.0 | 1.5 | 0.094 | | | | 2.85 |
| CAOND119954 | 92.0 | 93.5 | 1.5 | 0.215 | | | | 2.85 |
| CAOND119955 | 93.5 | 95.0 | 1.5 | 0.023 | | | | 2.83 |
| CAOND119956 | 95.0 | 96.5 | 1.5 | 0.009 | | | | 2.82 |
| CAOND119957 | 96.5 | 98.0 | 1.5 | 0.006 | | | | 2.84 |
| CAOND119958 | 98.0 | 99.5 | 1.5 | 0.007 | | | | 2.83 |

**Hole number:** KLUC19-529

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND119959 | 99.5 | 101.0 | 1.5 | 0.008 | | | | 2.84 |
| CAOND119961 | 101.0 | 102.5 | 1.5 | 0.047 | | | | 2.86 |
| CAOND119962 | 102.5 | 104.0 | 1.5 | 0.009 | | | | 2.84 |
| CAOND119963 | 104.0 | 105.5 | 1.5 | 0.012 | | | | 2.84 |
| CAOND119964 | 105.5 | 107.0 | 1.5 | 0.011 | | | | 2.81 |
| CAOND119965 | 107.0 | 108.5 | 1.5 | 0.118 | | | | 2.82 |
| CAOND119966 | 108.5 | 110.0 | 1.5 | 0.019 | | | | 2.80 |
| CAOND119967 | 110.0 | 111.5 | 1.5 | 0.011 | | | | 2.83 |
| CAOND119968 | 111.5 | 113.0 | 1.5 | 0.012 | | | | 2.85 |
| CAOND119969 | 113.0 | 114.5 | 1.5 | 0.024 | | | | 2.85 |
| CAOND119971 | 114.5 | 116.0 | 1.5 | 0.008 | | | | 2.86 |
| CAOND119972 | 116.0 | 117.5 | 1.5 | 0.008 | | | | 2.87 |
| CAOND119973 | 117.5 | 119.0 | 1.5 | 0.006 | | | | 2.84 |
| CAOND119974 | 119.0 | 120.5 | 1.5 | 0.022 | | | | 2.85 |
| CAOND119976 | 120.5 | 122.0 | 1.5 | 0.009 | | | | 2.85 |
| CAOND119977 | 122.0 | 123.0 | 1.0 | 0.007 | | | | 2.86 |
| CAOND119978 | 123.0 | 124.5 | 1.5 | 0.016 | | | | 2.82 |
| CAOND119979 | 124.5 | 126.0 | 1.5 | 0.020 | | | | 2.83 |
| CAOND119981 | 126.0 | 127.5 | 1.5 | 0.011 | | | | 2.83 |
| CAOND119982 | 127.5 | 129.0 | 1.5 | 0.024 | | | | 2.86 |
| CAOND119983 | 129.0 | 130.5 | 1.5 | 0.011 | | | | 2.68 |
| CAOND119984 | 130.5 | 132.0 | 1.5 | 0.009 | | | | 2.84 |
| CAOND119985 | 132.0 | 133.5 | 1.5 | 0.214 | | | | 2.86 |
| CAOND119986 | 133.5 | 135.0 | 1.5 | 0.764 | | | | 2.86 |
| CAOND119987 | 135.0 | 136.5 | 1.5 | 0.309 | | | | 2.85 |
| CAOND119988 | 136.5 | 138.0 | 1.5 | 0.274 | | | | 2.85 |
| CAOND119989 | 138.0 | 139.5 | 1.5 | 0.220 | | | | 2.84 |
| CAOND119991 | 139.5 | 140.5 | 1.0 | 0.245 | | | | 2.80 |
| CAOND119992 | 140.5 | 141.5 | 1.0 | 0.077 | | | | 2.81 |
| CAOND119993 | 141.5 | 143.0 | 1.5 | 0.070 | | | | 2.85 |
| CAOND119994 | 143.0 | 144.2 | 1.2 | 0.043 | | | | 2.83 |

**Major:** **From:** 144.20 **To:** 145.20 I2Dp, Porphyritic Syenite

Composition: Dark red to reddish brown medium grained, porphyritic; I2Dp - Syenite porphyry

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND119995 | 144.2 | 145.2 | 1.0 | 0.065 | | | | 2.72 |

**Hole number:** KLUC19-529

Magnetism: Non magnetic Veinning: 2-3% mm scale irregular microfracture filled calcite veinlets. Alteration: Moderate pervasive hem alteration. Structure: Weak healed brittle deformation and microfracturing. Mineralization: 10% very fine and fine grained disseminated Py mineralization and trace medium grained dissemianted Py Lower Contact: Sharp but irregular; trending at 60 TCA

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

144.20, 145.20, PYR, DIS, 10.00, -, -, 10% very fine grained Py mineralization and trace medium grained Py dissemianted throughout

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

144.20, 145.20, HEM+, PEN, MOD, -, -, -, Moderate pervasive hem alteration

**Major:** **From:** 145.20 **To:** 151.60 V8Gs, Trachyte green spotted

Composition: Dark green and purplish grey to brownish, fine grained matrix with 5-10% fine to medium grained, dark green angular and subhedral amphiboles, and 25-30% rounded to subrounded, yellowish green, dominantly medium grained, epidote altered blebby spots randomly distibuted throughout; V8Gs - Trachyte green spotted. Magnetism: Moderately magnetic. Veinning: 1-2% mm scale fracture filled calcite and hem veinlets at no preferred orientation Structure: Undeformed Alteration: Moderate epidote alteration occuring a randomly distruted spots throughout, weak to locally moderate pervasive hematite alteration concentrated in vein and fracture margins, moderate pervasive calcite alteration. Mineralization: 10-20% fine grained disseminated Py mineralization locally observed as clusters in veins and semi-massive fracture filled. Medium grained Py observed locally clustered in veinning. Lower Contact: Sharp but irregular

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

145.20, 151.60, PYR, DIS, 10.00, -, -, 10-20% fine grained dissemianted Py mineralization locally clustered in Ep spots

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

145.20, 151.60, EPD+, SPO, MOD, -, -, -, Moderate spotted epidote alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND119996 | 145.2 | 146.4 | 1.2 | 0.024 | | | | 2.85 |
| CAOND119997 | 146.4 | 147.5 | 1.1 | 0.047 | | | | 2.86 |
| CAOND119998 | 147.5 | 149.0 | 1.5 | 0.021 | | | | 2.86 |
| CAOND119999 | 149.0 | 150.5 | 1.5 | 0.034 | | | | 2.85 |
| CAOND118449 | 150.5 | 151.6 | 1.1 | 0.060 | | | | 2.82 |

**Major:** **From:** 151.60 **To:** 153.70 I2Dp, Porphyritic Syenite

Composition: Dark red to reddish brown medium grained, porphyritic; I2Dp - Syenite porphyry Magnetism: Non magnetic Veinning: 1% mm scale irregular microfracture filled calcite veinlets. Alteration: Moderate pervasive hem alteration. Structure: Weak healed brittle deformation and microfracturing. Mineralization: 10-15% very fine and fine grained disseminated Py mineralization and trace medium grained dissemianted Py Lower Contact: Sharp but irregular

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

151.60, 153.70, PYR, DIS, 10.00, -, -, 10-15% very fine grained Py mineralization and trace medium grained Py dissemianted throughout

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118450 | 151.6 | 152.6 | 1.0 | 0.054 | | | | 2.71 |
| CAOND118451 | 152.6 | 153.7 | 1.1 | 0.050 | | | | 2.71 |

**Hole number:** KLUC19-529

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
151.60, 153.70, HEM+, PEN, MOD, -, -, -, Moderate pervasive hem alteration

**Major: From:** 153.70 **To:** 189.00 V8Gs, Trachyte green spotted

Composition: Dark green and purplish grey to brownish, fine grained matrix with 5-10% fine to medium grained, dark green angular and subhedral amphiboles, and 25-30% rounded to subrounded, yellowish green, dominantly medium grained, epidote altered blebby spots randomly distibuted throughout; V8Gs - Trachyte green spotted. Magnetism: Moderately magnetic. Veinning: 1-2% mm scale fracture filled calcite and hem veinlets at no preferred orientation Structure: Undeformed Alteration: Moderate epidote alteration occuring a randomly distruted spots throughout, weak to locally moderate pervasive hematite alteration concentrated in vein and fracture margins, moderate pervasive calcite alteration. Mineralization: 5-10% fine grained disseminated Py mineralization locally observed as clusters in veins and semi-massive fracture filled. Medium grained Py observed locally clustered in veinning. Lower Contact: Gradational. 158.5-162.6m: subtle transition to a possible porphyry? appears to be a gradual increase in medium grained phenocrysts but green spots of epidote are still present. 164.7-170m: there appears to be a change in alteration package? Colouring becomes medium purplish grey, finer grained and there is no longer Ep spots observed. 1-2% medium grained agnular amp still present. Mineralization decreased to 2-3% very fine graiend with trace medium grained clusters of Py. 170-173.9m: Similar unit as observed between 164.7-170m, porphyrytic with Ep spots still present.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
153.70, 162.60, PYR, DIS, 15.00, -, -, 15-20% fine grained dissemianted Py with local clusters of medium and coarse grained Py occuring in Ep spots and cal-hem microfractures
164.70, 170.00, PYR, DIS, 1.00, -, -, 1-2% very fine grained Py
170.00, 177.00, PYR, DIS, 15.00, -, -, 15% fine grained disseminated Py with minor clusters of Py in fractures
177.00, 183.00, PYR, DIS, 3.00, -, -, 3% fine graiend dissemianted Py
183.00, 189.00, PYR, DIS, 20.00, -, -, 20% fine and medium grained dissemianted Py mienralization locally clustered at contacts of veins

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
153.70, 162.60, EPD+, SPO, MOD, -, -, -, Moderate spotted Hem alteration
153.70, 162.60, HEM+, PAT, WEAK, -, -, -, Weak patchy hem alteration
170.00, 177.00, EPD+, SPO, WEAK, -, -, -, Weak spottd Ep alteration
170.00, 177.00, HEM+, PEN, WEAK, -, -, -, Weak pervasive hem alteration
177.00, 180.00, EPD+, SPO, MOD, -, -, -, Moderate spotted Ep alteration
180.00, 189.00, EPD+, SPO, WEAK, -, -, -, Dominantly weak spotted Ep alteration with local moderate intervals
186.00, 189.00, HEM+, PEN, MOD, -, -, -, Moderate pervasive hem alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118452 | 153.7 | 155.0 | 1.3 | 0.115 | | | | 2.81 |
| CAOND118453 | 155.0 | 156.0 | 1.0 | 0.079 | | | | 2.84 |
| CAOND118454 | 156.0 | 157.0 | 1.0 | 0.022 | | | | 2.84 |
| CAOND118455 | 157.0 | 158.5 | 1.5 | 0.118 | | | | 2.82 |
| CAOND118456 | 158.5 | 160.0 | 1.5 | 0.032 | | | | 2.77 |
| CAOND118457 | 160.0 | 161.5 | 1.5 | 0.043 | | | | 2.78 |
| CAOND118458 | 161.5 | 162.6 | 1.1 | 0.044 | | | | 2.77 |
| CAOND118459 | 162.6 | 163.7 | 1.1 | 0.111 | | | | 2.78 |
| CAOND118461 | 163.7 | 164.7 | 1.0 | 0.105 | | | | 2.77 |
| CAOND118462 | 164.7 | 166.0 | 1.3 | 0.012 | | | | 2.73 |
| CAOND118463 | 166.0 | 167.5 | 1.5 | 0.012 | | | | 2.72 |
| CAOND118464 | 167.5 | 169.0 | 1.5 | 0.026 | | | | 2.74 |
| CAOND118465 | 169.0 | 170.0 | 1.0 | 0.028 | | | | 2.73 |
| CAOND118466 | 170.0 | 171.5 | 1.5 | 0.012 | | | | 2.76 |
| CAOND118467 | 171.5 | 173.0 | 1.5 | 0.014 | | | | 2.77 |
| CAOND118468 | 173.0 | 173.9 | 0.9 | 0.020 | | | | 2.76 |
| CAOND118469 | 173.9 | 175.0 | 1.1 | 0.025 | | | | 2.77 |
| CAOND118471 | 175.0 | 176.5 | 1.5 | 0.007 | | | | 2.82 |
| CAOND118472 | 176.5 | 178.0 | 1.5 | 0.005 | | | | 2.83 |
| CAOND118473 | 178.0 | 179.5 | 1.5 | 0.007 | | | | 2.83 |
| CAOND118474 | 179.5 | 181.0 | 1.5 | 0.009 | | | | 2.84 |
| CAOND118476 | 181.0 | 182.5 | 1.5 | 0.026 | | | | 2.84 |
| CAOND118477 | 182.5 | 184.0 | 1.5 | 0.025 | | | | 2.85 |
| CAOND118478 | 184.0 | 185.0 | 1.0 | 0.029 | | | | 2.85 |
| CAOND118479 | 185.0 | 186.0 | 1.0 | 0.067 | | | | 2.83 |
| CAOND118481 | 186.0 | 187.5 | 1.5 | 0.103 | | | | 2.81 |
| CAOND118482 | 187.5 | 189.0 | 1.5 | 0.157 | | | | 2.83 |

## Hole number: KLUC19-529

**Geochemical sample**

| Sample | From | To | Ag gpt | Al2O3 Pct | Ba ppm | CaO Pct | Cu ppm | CO2 Pct | Cr ppm | Fe2O3 Pct | K2O Pct | LOI pct | MgO pct | MnO pct | Mo ppm | Na2O pct | Ni ppm | P2O5 pct |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Pb ppm | Rb ppm | SiO2 pct | Sr ppm | Tb ppm | Tm ppm | TiO2 pct | Tl ppm | Total pct | U ppm | V ppm | W ppm | Y ppm | Yb ppm | Zn ppm | Zr ppm |
| CAOND119018 | 3.4 | 3.5 | 0.3 | 13.45 | 1,445.00 | 7.07 | 6.00 | | 190.00 | 9.85 | 3.43 | 2.9 | 6.2 | 0.2 | 3.0 | 4.0 | 34.0 | 0.5 |
| | | | 2.0 | 95.7 | 51.5 | 741.0 | 0.80 | 0.38 | 1.0 | 5.00 | 100.3 | 1.8 | 234.0 | 4.0 | 24.5 | 2.0 | 95.0 | 157.0 |
| CAOND119019 | 38.1 | 38.2 | 0.3 | 16.30 | 1,600.00 | 3.78 | 9.00 | | 20.00 | 3.75 | 6.87 | 2.8 | 0.7 | 0.1 | 6.0 | 4.8 | 6.0 | 0.2 |
| | | | 7.0 | 173.0 | 58.7 | 510.0 | 0.40 | 0.22 | 0.3 | 5.00 | 98.4 | 3.4 | 72.0 | 5.0 | 13.3 | 1.5 | 14.0 | 176.0 |
| CAOND119020 | 60.9 | 61.0 | 0.3 | 13.80 | 1,475.00 | 6.52 | 26.00 | | 160.00 | 9.52 | 3.96 | 2.4 | 5.6 | 0.2 | 3.0 | 3.8 | 31.0 | 0.5 |
| | | | 2.0 | 115.5 | 52.3 | 841.0 | 0.84 | 0.39 | 0.9 | 5.00 | 99.7 | 1.9 | 225.0 | 12.0 | 23.7 | 2.1 | 70.0 | 158.0 |
| CAOND119021 | 113.0 | 113.2 | 0.3 | 13.75 | 1,435.00 | 6.87 | 19.00 | | 180.00 | 9.55 | 3.35 | 2.0 | 5.6 | 0.2 | 1.0 | 3.6 | 31.0 | 0.5 |
| | | | 4.0 | 102.5 | 52.5 | 1 100.0 | 0.86 | 0.34 | 0.9 | 5.00 | 99.0 | 2.1 | 225.0 | 2.0 | 24.5 | 2.2 | 88.0 | 148.0 |
| CAOND119022 | 144.8 | 145.0 | 0.3 | 15.60 | 2,030.00 | 4.11 | 122.00 | | 90.00 | 5.44 | 4.80 | 4.0 | 2.1 | 0.1 | 4.0 | 5.0 | 23.0 | 0.2 |
| | | | 23.0 | 139.5 | 59.5 | 1 855.0 | 0.55 | 0.22 | 0.4 | 5.00 | 101.6 | 3.5 | 128.0 | 7.0 | 14.6 | 1.4 | 32.0 | 145.0 |
| CAOND119023 | 152.9 | 153.0 | 0.3 | 14.45 | 1,700.00 | 5.49 | 12.00 | | 90.00 | 5.99 | 4.67 | 4.9 | 2.2 | 0.1 | 4.0 | 4.6 | 26.0 | 0.2 |
| | | | 10.0 | 128.5 | 55.5 | 656.0 | 0.43 | 0.19 | 0.4 | 5.00 | 98.8 | 3.5 | 120.0 | 20.0 | 13.6 | 1.3 | 32.0 | 133.0 |
| CAOND119024 | 161.2 | 161.3 | 0.3 | 15.80 | 1,860.00 | 4.17 | 47.00 | | 160.00 | 7.07 | 3.62 | 1.2 | 3.8 | 0.1 | 1.0 | 5.2 | 35.0 | 0.3 |
| | | | 4.0 | 95.3 | 56.3 | 927.0 | 0.66 | 0.25 | 0.6 | 5.00 | 98.4 | 2.5 | 155.0 | 2.0 | 18.9 | 2.1 | 54.0 | 171.0 |
| CAOND119025 | 169.0 | 169.2 | 0.3 | 14.75 | 1,295.00 | 6.03 | 14.00 | | 140.00 | 6.48 | 3.35 | 5.3 | 3.0 | 0.1 | 5.0 | 4.8 | 33.0 | 0.3 |
| | | | 1.0 | 97.8 | 53.9 | 735.0 | 0.61 | 0.20 | 0.5 | 5.00 | 98.8 | 2.2 | 137.0 | 7.0 | 16.2 | 1.5 | 53.0 | 151.0 |

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 2.0 | 3.0 | 50.00 | 100.00 | | | N | |
| 3.0 | 6.0 | 47.00 | 100.00 | | | N | |
| 6.0 | 9.0 | 47.00 | 100.00 | | | N | |
| 9.0 | 12.0 | 95.00 | 100.00 | | | N | |
| 12.0 | 15.0 | 98.00 | 100.00 | | | N | |
| 15.0 | 18.0 | 85.00 | 100.00 | | | N | |
| 18.0 | 21.0 | 97.00 | 100.00 | | | N | |
| 21.0 | 24.0 | 95.00 | 100.00 | | | N | |
| 24.0 | 27.0 | 87.00 | 100.00 | | | N | |

**Hole number:** KLUC19-529

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 27.0 | 30.0 | 97.00 | 100.00 | | | N | |
| 30.0 | 33.0 | 87.00 | 100.00 | | | N | |
| 33.0 | 36.0 | 100.00 | 100.00 | | | N | |
| 36.0 | 39.0 | 98.00 | 100.00 | | | N | |
| 39.0 | 42.0 | 93.00 | 100.00 | | | N | |
| 42.0 | 45.0 | 98.00 | 100.00 | | | N | |
| 45.0 | 48.0 | 90.00 | 100.00 | | | N | |
| 48.0 | 51.0 | 98.00 | 100.00 | | | N | |
| 51.0 | 54.0 | 100.00 | 100.00 | | | N | |
| 54.0 | 57.0 | 97.00 | 100.00 | | | N | |
| 57.0 | 60.0 | 90.00 | 100.00 | | | N | |
| 60.0 | 63.0 | 63.00 | 100.00 | | | N | |
| 63.0 | 66.0 | 60.00 | 100.00 | | | N | |
| 66.0 | 69.0 | 90.00 | 100.00 | | | N | |
| 69.0 | 72.0 | 83.00 | 100.00 | | | N | |
| 72.0 | 75.0 | 97.00 | 100.00 | | | N | |
| 75.0 | 78.0 | 100.00 | 100.00 | | | N | |
| 78.0 | 81.0 | 93.00 | 100.00 | | | N | |
| 81.0 | 84.0 | 85.00 | 100.00 | | | N | |
| 84.0 | 87.0 | 97.00 | 100.00 | | | N | |
| 87.0 | 90.0 | 100.00 | 100.00 | | | N | |
| 90.0 | 93.0 | 93.00 | 100.00 | | | N | |
| 93.0 | 96.0 | 95.00 | 100.00 | | | N | |
| 96.0 | 99.0 | 100.00 | 100.00 | | | N | |
| 99.0 | 102.0 | 100.00 | 100.00 | | | N | |
| 102.0 | 105.0 | 97.00 | 100.00 | | | N | |
| 105.0 | 108.0 | 90.00 | 100.00 | | | N | |
| 108.0 | 111.0 | 67.00 | 100.00 | | | N | |

**Hole number:** KLUC19-529

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 111.0 | 114.0 | 90.00 | 100.00 | | | N | |
| 114.0 | 117.0 | 98.00 | 100.00 | | | N | |
| 117.0 | 120.0 | 92.00 | 100.00 | | | N | |
| 120.0 | 123.0 | 100.00 | 100.00 | | | N | |
| 123.0 | 126.0 | 73.00 | 100.00 | | | N | |
| 126.0 | 129.0 | 98.00 | 100.00 | | | N | |
| 129.0 | 132.0 | 97.00 | 100.00 | | | N | |
| 132.0 | 135.0 | 97.00 | 100.00 | | | N | |
| 135.0 | 138.0 | 100.00 | 100.00 | | | N | |
| 138.0 | 141.0 | 80.00 | 100.00 | | | N | |
| 141.0 | 144.0 | 100.00 | 100.00 | | | N | |
| 144.0 | 147.0 | 100.00 | 100.00 | | | N | |
| 147.0 | 150.0 | 100.00 | 100.00 | | | N | |
| 150.0 | 153.0 | 100.00 | 100.00 | | | N | |
| 153.0 | 156.0 | 100.00 | 100.00 | | | N | |
| 156.0 | 159.0 | 100.00 | 100.00 | | | N | |
| 159.0 | 162.0 | 97.00 | 100.00 | | | N | |
| 162.0 | 165.0 | 100.00 | 100.00 | | | N | |
| 165.0 | 168.0 | 82.00 | 100.00 | | | N | |
| 168.0 | 171.0 | 97.00 | 100.00 | | | N | |
| 171.0 | 174.0 | 97.00 | 100.00 | | | N | |
| 174.0 | 177.0 | 100.00 | 100.00 | | | N | |
| 177.0 | 180.0 | 100.00 | 100.00 | | | N | |
| 180.0 | 183.0 | 100.00 | 100.00 | | | N | |
| 183.0 | 186.0 | 98.00 | 100.00 | | | N | |
| 186.0 | 189.0 | 68.00 | 100.00 | | | N | |

**Hole number:** KLUC19-529

AGNICO EAGLE

# DRILL HOLE REPORT

## EXPLORATION CANADA ONTARIO

**Hole number:** KLUC19-530 **Project Number:** U_Canada **Project name:** Upper Canada

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Historic hole number:** | | **Collar survey:** | Y | **From:** | 0.0 | **Coordinates:** | P |
| **System:** | METRIC | **Verified:** | N | **To:** | 204.0 | **Grid:** | UTM83-17_CSRS-2010: |
| **Target:** | UC_NORTHLAND | **Gas:** | N | **Depth:** | 204.0 | **North:** | 5,332,784.94 |
| **No. Claim:** | PAT-18821 | **Multishot survey:** | N | **Location:** | Surface | **East:** | 585,824.15 |
| **Year:** | 2 019 | **Is making water:** | N | **Core storage:** | Mine Site | **Elevation:** | 352.01 |
| **Date started:** | 2019-02-07 | **Object in hole:** | N | **Contractor:** | Asinii Drilling | **Collar dip:** | -45.55 |
| **Date logged:** | 2019-02-11 | **Pulse EM survey:** | N | **Logged by:** | Melanie Bouchard | **Collar azimuth:** | 346.56 |
| **Date completed:** | 2019-02-10 | **Plugged:** | N | **Signature:** | Mélanie Bouchard | | |
| **Core size:** | NQ | **Cemented:** | N | | | | |
| **Hole type:** | EXP | **Branch:** | N | | | | |
| **Casing:** | Left in Hole, capped | **Reserve:** | N | | | | |
| **Logging status:** | Signed | | | | | | |
| **Rig number:** | 2501 | | | | | | |

**Additional sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Proposed hole: UCP19-023. New and improved Asinii II drill Rig: 2501. Targeting: Shallow, high grade Northland targets. **Ran into issues at the end of this hole, water from the drilling accumulated in a low topography underneath the drill, melting to snow/ice of the pad, and the drill began to sink. The shift in the drill orientation lead to the shifting in the casing and odd bend on the rods. Drill rods broke in hole but all the the equipment was successfully recovered from drill hole.

**Assay average**

| Average type | From | To | Length | Width | Zone | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Pb_ppm | Ni_ppm | As_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WEIGHTED | 18.0 | 24.5 | 6.5 | | | 0.869 | | | | | | |
| WEIGHTED | 28.5 | 34.5 | 6.0 | | | 0.777 | | | | | | |
| WEIGHTED | 43.5 | 88.0 | 44.5 | | | 1.370 | | | | | | |
| WEIGHTED | 112.5 | 114.0 | 1.5 | | | 1.335 | | | | | | |

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments | Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 345.00 | -45.00 | PLANNED | | Planned direction | 0.0 | 346.56 | -45.55 | S | O | Surveyed dip and azimuth (true North) |
| 12.0 | 342.50 | -45.40 | EZ | D | 56649 | 42.0 | 348.60 | -45.20 | EZ | O | 54028 |
| 75.0 | 350.90 | -45.20 | EZ | O | 54257 | 105.0 | 351.30 | -45.20 | EZ | O | 54436 |
| 135.0 | 348.80 | -45.20 | EZ | O | 54459 | 165.0 | 350.30 | -45.20 | EZ | O | 54747 |

**Hole number:** KLUC19-530

| Certificate |
|---|
| TM19043448 |
| TM19043452 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505D19-003 | Excaon1D | CAOND118456 - CAOND118500<br>CAOND120001 - CAOND120203 |
| CXE5505D19-071 | Excaon1 | CAOND114322<br>CAOND114326<br>CAOND114329<br>CAOND114344<br>CAOND114351<br>CAOND114383<br>CAOND114423<br>CAOND114436<br>CAOND114443<br>CAOND114446<br>CAOND114454<br>CAOND114458<br>CAOND116718<br>CAOND116726<br>CAOND116858<br>CAOND116861<br>CAOND116872<br>CAOND116903<br>CAOND116918<br>CAOND116944<br>CAOND116952<br>CAOND116957<br>CAOND116977<br>CAOND116988<br>CAOND117059<br>CAOND117063<br>CAOND117069 - CAOND117070<br>CAOND117091<br>CAOND117117<br>CAOND117121<br>CAOND117134<br>CAOND117146<br>CAOND117169<br>CAOND117177<br>CAOND117193<br>CAOND117197<br>CAOND117232<br>CAOND117251<br>CAOND117276<br>CAOND117285 |

| Sample number | Standard |
|---|---|
| CAOND118490 | CDN-CM-28-AEM |
| CAOND120015 | CDN-CM-27-AEM |
| CAOND120020 | BLANK-DB |
| CAOND120030 | CDN-GS-5U-AEM |
| CAOND120045 | CDN-CM-28-AEM |
| CAOND120060 | CDN-CM-27-AEM |
| CAOND120070 | BLANK-DB |
| CAOND120075 | CDN-GS-5U-AEM |
| CAOND120090 | CDN-CM-28-AEM |
| CAOND120115 | CDN-CM-27-AEM |
| CAOND120120 | BLANK-DB |
| CAOND120130 | CDN-GS-5U-AEM |

**Hole number:** KLUC19-530

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND117287 |
| | | CAOND117307 |
| | | CAOND117317 |
| | | CAOND117348 |
| | | CAOND117352 - CAOND117354 |
| | | CAOND117367 |
| | | CAOND117376 |
| | | CAOND117408 |
| | | CAOND117410 |
| | | CAOND117431 |
| | | CAOND117467 |
| | | CAOND117489 |
| | | CAOND117492 - CAOND117493 |
| | | CAOND117501 |
| | | CAOND117563 - CAOND117564 |
| | | CAOND117591 |
| | | CAOND117596 |
| | | CAOND117619 |
| | | CAOND117622 |
| | | CAOND117631 - CAOND117632 |
| | | CAOND117670 |
| | | CAOND117678 - CAOND117679 |
| | | CAOND117681 |
| | | CAOND117691 |
| | | CAOND117696 |
| | | CAOND117732 - CAOND117733 |
| | | CAOND117761 |
| | | CAOND117778 |
| | | CAOND117788 |
| | | CAOND117803 |
| | | CAOND117817 |
| | | CAOND117863 |
| | | CAOND117871 |
| | | CAOND117936 |
| | | CAOND117981 |
| | | CAOND118114 |
| | | CAOND118135 |
| | | CAOND118143 |
| | | CAOND118145 |
| | | CAOND118236 |
| | | CAOND118251 |
| | | CAOND118287 |
| | | CAOND118301 |

**Hole number:** KLUC19-530

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND118316 |
| | | CAOND118319 |
| | | CAOND118346 |
| | | CAOND118351 |
| | | CAOND118381 |
| | | CAOND118395 |
| | | CAOND118410 |
| | | CAOND118436 |
| | | CAOND118463 |
| | | CAOND118479 |
| | | CAOND118481 |
| | | CAOND118539 |
| | | CAOND118556 |
| | | CAOND118618 |
| | | CAOND118631 |
| | | CAOND118664 |
| | | CAOND118684 |
| | | CAOND118686 |
| | | CAOND118688 |
| | | CAOND118707 |
| | | CAOND118720 |
| | | CAOND118754 |
| | | CAOND118793 |
| | | CAOND118829 |
| | | CAOND118835 |
| | | CAOND118851 |
| | | CAOND118859 |
| | | CAOND118862 |
| | | CAOND118897 |
| | | CAOND118933 |
| | | CAOND118941 |
| | | CAOND118947 |
| | | CAOND118954 |
| | | CAOND118966 |
| | | CAOND118981 |
| | | CAOND119502 |
| | | CAOND119526 |
| | | CAOND119551 |
| | | CAOND119564 |
| | | CAOND119569 |
| | | CAOND119571 |
| | | CAOND119573 |
| | | CAOND119583 |

**Hole number:** KLUC19-530

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND119585<br>CAOND119591<br>CAOND119621<br>CAOND119645<br>CAOND119677<br>CAOND119771<br>CAOND119802<br>CAOND119809<br>CAOND119817<br>CAOND119841<br>CAOND119846<br>CAOND119873<br>CAOND119913<br>CAOND119918<br>CAOND120032 - CAOND120033<br>CAOND120048<br>CAOND120081<br>CAOND120085<br>CAOND120118<br>CAOND120170<br>CAOND120183<br>CAOND120361<br>CAOND120371<br>CAOND120381<br>CAOND120399<br>CAOND120422<br>CAOND120481<br>CAOND120512<br>CAOND120566 - CAOND120567<br>CAOND120569<br>CAOND120581<br>CAOND120618<br>CAOND120632<br>CAOND120637<br>CAOND120643<br>CAOND120658<br>CAOND120685<br>CAOND120687<br>CAOND120692<br>CAOND120701<br>CAOND120712 |
| CXE5505D19WRA-003 | Excaon2-WRA | CAOND119024 - CAOND119025<br>CAOND119072 - CAOND119084 |

## Hole number: KLUC19-530

*The sample list may content samples from other holes

**Major:** **From:** 0.00 **To:** 3.40 OVB, Overburden

Overburden / casing

**Major:** **From:** 3.40 **To:** 4.90 I2Dp, Porphyritic Syenite

Composition: Dark purple, medium grained, porphyritic; I2Dp - Syenite porphyry Magnetism: Weakly magnetic. Veinning: Trace microfracture filled calcite. Structure: Undeformed but weakly broken Alteration: Weak calcite alteration. Mineralization: 1-2% fine grained disseminated Py mineralization. Lower Contact: Sharp but irregular

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

3.40, 4.90, PYR, DIS, 1.00, -, -, 1-2% fine grained dissemianted Py mienralization

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

3.40, 4.90, CAL+, PEN, WEAK, -, -, -, Weak pervasive calcite alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118483 | 3.4 | 4.9 | 1.5 | 0.141 | | | | 2.70 |

**Major:** **From:** 4.90 **To:** 6.10 I2D, Syénite

Composition: Medium pink to red, fine to medium grained, massive; I2D - Syenite. Magnetism: Non magnetic. Veinning: 1-2% mm scale qtz-cal-chl veinning dominantly trending parallel to core axis. Structure: Weak healed brittle fracturing. Alteration: Moderate pervasive hem alteration. Mineralization: 20% fine and medium grained Py dissemianted and clusters in fractures. Lower Contact: Sharp and oriented at 45 TCA

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

4.90, 6.00, PYR, DIS, 20.00, -, FGR, 20% fine and medium grained Py mienralization dissemianted and clustered in fractures

6.00, 6.10, PYR, PAT, 15.00, -, MGR, 15% fined and medium grained py mineralization randomly clustered throughout and locally concentrated in fractures containnig 90% Py

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

4.90, 6.00, HEM+, PEN, MOD, -, -, -, Moderate pervasive hem alt

6.00, 6.10, CAL+, PEN, MOD, -, -, -, Moderate to strong calcite alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118484 | 4.9 | 6.1 | 1.2 | 0.142 | | | | 2.72 |

**Major:** **From:** 6.10 **To:** 56.20 V8, Trachyte

Composition: Dark grey to dark purplish grey with minor 10cm patches of medium red, fine to medium grained with relatively massive but chaotic texture, possibly same composition as the V8Gs but without the spotted Ep alteration; V8 - Trachyte. Magnetism: Moderately magnetic. Veinning: 2-3% mm scale calcite veinlets at no prefered orientation and 1% random, irregular, semi-massive Py-cal veinning up to 3cm thick. Structure: Weak deformation and faint preferential alignment observed locally at 40-50 TCA. Weak and moderately broken/fractured intervals common throughout. Alteration:

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118485 | 6.1 | 7.5 | 1.4 | 0.258 | | | | 2.83 |
| CAOND118486 | 7.5 | 9.0 | 1.5 | 0.677 | | | | 2.80 |
| CAOND118487 | 9.0 | 10.0 | 1.0 | 0.197 | | | | 2.83 |
| CAOND118488 | 10.0 | 11.0 | 1.0 | 0.394 | | | | 2.73 |

**Hole number:** KLUC19-530

Moderate to strong calcite alteration with local moderate hem alteration in margins of Py-cal veins. Mineralization: 2-3% randomly clustered and distributed fine to medium grained Py mineralization and 1% Py-cal veins with 90-95% semi-massive medium to coarse grained Py. Lower Contact: Sharp at 45 TCA 45.5-56.2m: slight change in texture, composition and alteration package. 5-10% fine grained angular amphibole crystals observed.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

6.10, 9.80, PYR, PAT, 15.00, -, MGR, 15% fined and medium grained py mineralization randomly clustered throughout and locally concentrated in fractures containnig 90% Py
9.80, 10.00, PYR, PAT, 20.00, -, CGR, 20% coarse grained Py mineralization clustered in an irregular cal vein with hem alteration margins
10.00, 11.00, PYR, DIS, 15.00, -, FGR, 15% fien and medium grained dissemianted Py mineralization
11.00, 19.30, PYR, DIS, 5.00, -, FGR, 5-10% fine grained disseminated and clustered Py mineralization
19.30, 19.40, PYR, PAT, 50.00, -, CGR, 98% pyrite occuring in a 3-5cm thick vein with 2% calcite
19.40, 40.00, PYR, DIS, 2.00, -, FGR, 2-3% fine grained dissemianted and clustered Py mineralization locally up to 5%
40.00, 43.00, PYR, DIS, 15.00, -, FGR, 15% fine grained dissemianted Py occuring in 10cm thick intervals with local clustered Py in fractures and calcite veinlets
43.00, 45.50, PYR, DIS, 5.00, -, FGR, 5% fine graiend dissemianted Py
45.50, 48.00, PYR, DIS, 20.00, -, FGR, 20% fine grained disseminated Py mineralization
48.00, 56.20, PYR, DIS, 5.00, -, FGR, 5% fine grained dissemianted Py mineralization with local clusters with 10-15% Py

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

6.10, 56.20, CAL+, PEN, MOD, -, -, -, Moderate to strong calcite alteration
9.80, 10.00, HEM+, PAT, MOD, -, -, -, Moderate hem alteration in margins of py-cal vein

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

10.50, 15.00, BRR, WEAK, -, -, -, -, Weak broken / fractured rock into 5-10 and locally 3-4cm thick angular pieces
15.00, 20.00, BRR, MOD, -, -, -, -, Moderate broken / fractured core into 1-3 and 3-5cm thick angular pieces
20.00, 31.00, BRR, WEAK, -, -, -, -, Weak broken / fractured rock into 5-10 and locally 3-4cm thick angular pieces
50.00, 56.20, BRR, MOD, -, -, -, -, Moderate broken/fractured core into 1-3 and 3-5cm thick angular pieces

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND118489 | 11.0 | 12.5 | 1.5 | 0.568 | | | | 2.77 |
| CAOND118491 | 12.5 | 14.0 | 1.5 | 0.537 | | | | 2.79 |
| CAOND118492 | 14.0 | 15.5 | 1.5 | 0.916 | | | | 2.77 |
| CAOND118493 | 15.5 | 17.0 | 1.5 | 0.379 | | | | 2.81 |
| CAOND118494 | 17.0 | 18.0 | 1.0 | 0.134 | | | | 2.76 |
| CAOND118495 | 18.0 | 19.0 | 1.0 | 0.758 | | | | 2.77 |
| CAOND118496 | 19.0 | 20.0 | 1.0 | 0.679 | | | | 2.84 |
| CAOND118497 | 20.0 | 21.5 | 1.5 | 0.822 | | | | 2.81 |
| CAOND118498 | 21.5 | 23.0 | 1.5 | 1.375 | | | | 2.82 |
| CAOND118499 | 23.0 | 24.5 | 1.5 | 0.611 | | | | 2.80 |
| CAOND120001 | 24.5 | 25.5 | 1.0 | 0.280 | | | | 2.79 |
| CAOND120002 | 25.5 | 27.0 | 1.5 | 0.314 | | | | 2.80 |
| CAOND120003 | 27.0 | 28.5 | 1.5 | 0.482 | | | | 2.80 |
| CAOND120004 | 28.5 | 30.0 | 1.5 | 1.215 | | | | 2.82 |
| CAOND120005 | 30.0 | 31.5 | 1.5 | 0.261 | | | | 2.81 |
| CAOND120006 | 31.5 | 33.0 | 1.5 | 0.327 | | | | 2.83 |
| CAOND120007 | 33.0 | 34.5 | 1.5 | 1.305 | | | | 2.80 |
| CAOND120008 | 34.5 | 36.0 | 1.5 | 0.354 | | | | 2.83 |
| CAOND120009 | 36.0 | 37.5 | 1.5 | 0.338 | | | | 2.81 |
| CAOND120010 | 37.5 | 39.0 | 1.5 | 0.101 | | | | 2.81 |
| CAOND120011 | 39.0 | 40.5 | 1.5 | 0.260 | | | | 2.83 |
| CAOND120012 | 40.5 | 42.0 | 1.5 | 0.366 | | | | 2.83 |
| CAOND120013 | 42.0 | 43.5 | 1.5 | 0.330 | | | | 2.83 |
| CAOND120014 | 43.5 | 44.5 | 1.0 | 0.754 | | | | 2.82 |
| CAOND120016 | 44.5 | 45.5 | 1.0 | 1.800 | | | | 2.83 |
| CAOND120017 | 45.5 | 47.0 | 1.5 | 0.955 | | | | 2.72 |
| CAOND120018 | 47.0 | 48.5 | 1.5 | 0.601 | | | | 2.80 |
| CAOND120019 | 48.5 | 50.0 | 1.5 | 0.915 | | | | 2.79 |
| CAOND120021 | 50.0 | 51.5 | 1.5 | 0.851 | | | | 2.80 |
| CAOND120022 | 51.5 | 53.0 | 1.5 | 1.285 | | | | 2.78 |
| CAOND120023 | 53.0 | 54.5 | 1.5 | 0.643 | | | | 2.79 |
| CAOND120024 | 54.5 | 55.5 | 1.0 | 0.471 | | | | 2.82 |
| CAOND120026 | 55.5 | 56.2 | 0.7 | 1.045 | | | | 2.82 |

**Hole number:** KLUC19-530

9.80, 9.90, CAL, 30.00, -, -, -, -, -, -, -, PYR, 20.00, 5cm thick patch with irregular mm scale and 3cm thick calcite vein containning 95% coarse grained Py mineralization
19.30, 19.40, PYR, 50.00, -, -, -, -, -, -, -, PYR, 98.00, 3-5cm thick py vein with 98% coarse grained clustered py and 2% calcite

**Major:** **From:** 56.20 **To:** 59.30 S1, CONGLOMÉRAT

Composition: Medium grey with pinkish tint, fine grained matrix with 15% rounded to subrounded polylithic pebbles of various sizes (less than 1 - 3cm), strongly altered, possibly V8bx??; S1 - Conglomerat. Magnetism: Strogny magnetic. Veinning: 1-2% calcite and py filled microfractures at random orientations. Structure: Underformed. Alteration: Moderately altered, combination or hem and Se? Mineralization: 5-10% disseminated Py and microfracture filled with minor intervals at 59m with 20% fine grained dissemianted Py. Lower Contact: Gradational...? contact is faintly visible and fractured.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

56.20, 59.30, PYR, DIS, 5.00, -, FGR, 5-10% disseminated Py and microfracture filled with minor intervals at 59m with 20% fine grained dissemianted Py.

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

56.20, 59.30, BRR, WEAK, -, -, -, -, Weak broken/fractured core into 5-10cm angular pieces with minor intervals of moderate fracturing into 3-5cm pieces

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120027 | 56.2 | 57.5 | 1.3 | 0.339 | | | | 2.78 |
| CAOND120028 | 57.5 | 58.5 | 1.0 | 0.139 | | | | 2.75 |
| CAOND120029 | 58.5 | 59.3 | 0.8 | 0.114 | | | | 2.81 |

**Major:** **From:** 59.30 **To:** 89.50 V8, Trachyte

Composition: Dark grey to dark purplish grey, fine to medium grained with relatively massive but chaotic texture, possibly same composition as the V8Gs but without the spotted Ep alteration, minor intervals appear porphyritic; V8 - Trachyte. Magnetism: Moderately magnetic. Veinning: 2-3% mm scale calcite and qtz-cal veinlets at no prefered orientation. Structure: Non to weakly deformed with weak broken core gradually increasing to strong and back to weak. Alteration: Moderate pervasive calcite alteration. Mineralization: 2-3% locally up to 5% fine and medium grained disseminated Py mineralization with trace clusters of Py. Lower Contact: Relatively sharp but faintly visible

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

59.30, 63.00, PYR, DIS, 15.00, -, MGR, 15% medium grained dissemianted Py with local microfractures of clustered Py
63.00, 83.00, PYR, DIS, 2.00, -, FGR, 2-3% fine and medium grained disseminated Py with minor microfracture filled clusters of PY
83.00, 85.50, PYR, STG, 5.00, -, -, 5-10% fine grained Py mineralization dominantly clustered in mm scale calcite veinlets, but 1-2% disseminated
85.50, 86.50, PYR, PAT, 15.00, -, MGR, 15-20% medium grained Py clsutered in irregular calcite veinning and whispy fractures of calcite
86.50, 89.50, PYR, DIS, 5.00, -, FGR, 5% fine grained dissemianted Py

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120031 | 59.3 | 60.5 | 1.2 | 0.054 | | | | 2.81 |
| CAOND120032 | 60.5 | 62.0 | 1.5 | 1.035 | | | | 2.83 |
| CAOND120033 | 62.0 | 63.5 | 1.5 | 1.335 | | | | 2.79 |
| CAOND120034 | 63.5 | 65.0 | 1.5 | 0.645 | | | | 2.81 |
| CAOND120035 | 65.0 | 66.5 | 1.5 | 2.180 | | | | 2.82 |
| CAOND120036 | 66.5 | 68.0 | 1.5 | 2.460 | | | | 2.79 |
| CAOND120037 | 68.0 | 69.5 | 1.5 | 1.960 | | | | 2.81 |
| CAOND120038 | 69.5 | 71.0 | 1.5 | 3.300 | | | | 2.79 |
| CAOND120039 | 71.0 | 72.5 | 1.5 | 3.620 | | | | 2.77 |
| CAOND120040 | 72.5 | 74.0 | 1.5 | 2.290 | | | | 2.76 |
| CAOND120041 | 74.0 | 75.5 | 1.5 | 3.320 | | | | 2.80 |
| CAOND120042 | 75.5 | 77.0 | 1.5 | 1.115 | | | | 2.77 |
| CAOND120043 | 77.0 | 78.5 | 1.5 | 1.470 | | | | 2.79 |
| CAOND120044 | 78.5 | 80.0 | 1.5 | 2.510 | | | | 2.80 |

**Hole number:** KLUC19-530

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
59.30, 89.50, CAL+, PEN, MOD, -, -, -, Moderate pervasive calcite alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
59.30, 72.00, BRR, WEAK, -, -, -, -, Weak broken/fractured core into 5-10cm angular pieces with minor intervals of moderate fracturing into 3-5cm pieces
72.00, 75.00, BRR, STRONG, -, -, -, -, Strong broken/fractured core into 1-3cm angular pieces with minor 10cm thick pieces
75.00, 80.00, BRR, WEAK, -, -, -, -, Weak broken/fractured core into 5-10cm thick angular pieces

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
75.50, 75.60, QTZ, 100.00, -, -, -, -, -, -, -, -, -, 10cm thick brecciated and chaotic qtz vein with sharp contacts oriented at 45 TCA
85.70, 85.80, QTZ, 20.00, -, -, -, -, -, -, -, PYR, 5.00, 2cm thick qtz vein oriented at 80 TCA with 5% clustered Py in margins of vein
85.70, 86.50, PYR, 10.00, -, -, -, -, -, -, -, PYR, 85.00, 10% irregular, discontinuous, whispy cluster of Py-cal veinning. 2cm thick and also whispy mm scale. Containing 80-90% medium to coarse grained Py

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120046 | 80.0 | 81.5 | 1.5 | 0.732 | | | | 2.80 |
| CAOND120047 | 81.5 | 83.0 | 1.5 | 1.750 | | | | 2.82 |
| CAOND120048 | 83.0 | 84.5 | 1.5 | 0.393 | | | | 2.78 |
| CAOND120049 | 84.5 | 85.5 | 1.0 | 1.265 | | | | 2.80 |
| CAOND120051 | 85.5 | 86.5 | 1.0 | 0.388 | | | | 2.82 |
| CAOND120052 | 86.5 | 88.0 | 1.5 | 1.190 | | | | 2.78 |
| CAOND120053 | 88.0 | 89.5 | 1.5 | 0.373 | | | | 2.78 |

**Major:** **From:** 89.50 **To:** 91.00 I2DAltBx, Syenite Alteration Breccia

Composition: Medium pink and dark grey, chaotic texture with 15% rounded to subrounded mafic clasts 2-3cm in size; I2DAltBx - Syenite breccia. Magnetism: Weakly magnetic. Veinning: Trace mm scale discontinuous calcite veinlets. Structure: Chaotic brecciation. Alteration: Moderate to strong calcite alteration. Mineralization: 5% fine grained disseminated Py mineralization and 1-2% clustered medium grained Py. Lower Contact: GRadational

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
89.50, 91.00, PYR, DIS, 5.00, -, FGR, 5% fine grained disseminated Py mineralization and 1-2% clustered medium grained Py

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
89.50, 91.00, CAL+, PEN, STRONG, -, -, -, Moderate to strong pervasive calcite alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
89.50, 91.00, BRC, WEAK, -, -, -, -, Weak to moderate brecciation

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120054 | 89.5 | 91.0 | 1.5 | 0.148 | | | | 2.71 |

## Hole number: KLUC19-530

**Major:** **From:** 91.00 **To:** 97.90 V8, Trachyte

Composition: Medium to dark grey, fine to medium grained, massive; V8 - Trachyte. Magnetism: Moderate to strong magnetism. Veinning: Trace mm scale discontinuous calcite veinlets. Structure: Undeformed. Alteration: Weak pervasive calcite alteration. Mineralization: Trace to 1% randomly clustered fine grained Py mineralization. Lower Contact: Gradational.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

91.00, 97.90, PYR, PAT, .50, -, FGR, 0.5-1% fine grained randomly clustered py mineralization

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

91.00, 97.90, CAL+, PEN, WEAK, -, -, -, Weak pervasive calcite alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120055 | 91.0 | 92.5 | 1.5 | 0.063 | | | | 2.80 |
| CAOND120056 | 92.5 | 94.0 | 1.5 | 0.024 | | | | 2.80 |
| CAOND120057 | 94.0 | 95.5 | 1.5 | 0.053 | | | | 2.81 |
| CAOND120058 | 95.5 | 97.0 | 1.5 | 0.044 | | | | 2.78 |
| CAOND120059 | 97.0 | 97.9 | 0.9 | 0.070 | | | | 2.83 |

**Major:** **From:** 97.90 **To:** 204.00 V8Gs, Trachyte green spotted

Composition: Medium to dark purplish grey, fine grained and massive; 1-2% fine grained, angular, dark green, amphibole crystals; 25-30% medium grained randomly distributed spots of medium green to yellowish green Epidote locally 2-3cm in size; V8Gs - Trachyte green spotted. Magnetism: Moderately magnetic. Veinning: 1-2% mm scale randomly oriented and distributed calcite and qtz-cal-chl veinning. Structure: Undeformed. Alteration: Moderate spotted epidote, weak pervasive calcite and local patchy weak hem alteration. Mineralization: 1% fine grained disseminated Py mineralization locally clustered with up to 3% py. Random clusters with 5-10% Py mineralization occuring over 10-20cm of fine grained Py in vein margins and semi-massive medium to coarse grained Py in calcite veinlets. Lower Contact: Not reached. 198-204m: porphyritic texture gradually introduced but no contacts observed. Seems to be the same composition as previous but with 10-25% medium grained beige phenocrysts.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

97.90, 125.00, PYR, DIS, 5.00, -, FGR, 1% fine grained disseminated Py mineralization locally clustered with up to 3% py. Random clusters with 5-10% Py mineralization occuring over 10-20cm of fine grained Py in vein margins and semi-massive medium to coarse grained Py in calcite veinlets.
125.00, 189.00, PYR, DIS, 1.00, -, FGR, 1-2% fine grained dissemianted Py with localy clusters of 2-3% fine grained Py
189.00, 204.00, PYR, DIS, 2.00, -, FGR, 2-3% fine grained disseminated Py with local clusters with up to 5% Py

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

97.90, 204.00, CAL+, PEN, WEAK, -, -, -, Weak pervasive calcite alteration
97.90, 204.00, EPD+, PAT, MOD, -, -, -, Moderate spotted Epidote alteration occuring as medium grained randomly distributed spots locally 2-3cm in size
163.00, 166.00, HEM+, PEN, MOD, -, -, -, Weak to moderate pervasive hem alteration
170.40, 170.50, HEM+, PEN, STRONG, -, -, -, Strong hem alteration occuring in margins of a smoky qtz vein

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120061 | 97.9 | 99.0 | 1.1 | 0.054 | | | | 2.80 |
| CAOND120062 | 99.0 | 100.5 | 1.5 | 0.202 | | | | 2.82 |
| CAOND120063 | 100.5 | 102.0 | 1.5 | 0.093 | | | | 2.83 |
| CAOND120064 | 102.0 | 103.5 | 1.5 | 0.176 | | | | 2.87 |
| CAOND120065 | 103.5 | 105.0 | 1.5 | 0.345 | | | | 2.86 |
| CAOND120066 | 105.0 | 106.5 | 1.5 | 0.087 | | | | 2.84 |
| CAOND120067 | 106.5 | 108.0 | 1.5 | 0.167 | | | | 2.89 |
| CAOND120068 | 108.0 | 109.5 | 1.5 | 0.078 | | | | 2.88 |
| CAOND120069 | 109.5 | 111.0 | 1.5 | 0.070 | | | | 2.85 |
| CAOND120071 | 111.0 | 112.5 | 1.5 | 0.410 | | | | 2.85 |
| CAOND120072 | 112.5 | 114.0 | 1.5 | 1.335 | | | | 2.87 |
| CAOND120073 | 114.0 | 115.5 | 1.5 | 0.092 | | | | 2.85 |
| CAOND120074 | 115.5 | 117.0 | 1.5 | 0.023 | | | | 2.84 |
| CAOND120076 | 117.0 | 118.5 | 1.5 | 0.017 | | | | 2.82 |
| CAOND120077 | 118.5 | 120.0 | 1.5 | 0.078 | | | | 2.86 |
| CAOND120078 | 120.0 | 121.5 | 1.5 | 0.063 | | | | 2.84 |
| CAOND120079 | 121.5 | 123.0 | 1.5 | 0.080 | | | | 2.83 |
| CAOND120081 | 123.0 | 124.5 | 1.5 | 0.010 | | | | 2.83 |
| CAOND120082 | 124.5 | 126.0 | 1.5 | 0.008 | | | | 2.82 |
| CAOND120083 | 126.0 | 127.5 | 1.5 | 0.028 | | | | 2.83 |
| CAOND120084 | 127.5 | 129.0 | 1.5 | 0.008 | | | | 2.81 |
| CAOND120085 | 129.0 | 130.5 | 1.5 | 0.006 | | | | 2.83 |

**Hole number:** KLUC19-530

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

125.00, 133.00, BRR, MOD, -, -, -, -, Alternating weak and moderate broken / fractured core into angular pieces 2-3 and 5-10cm thick

163.30, 164.20, DFZ, MOD, 40.00, -, -, -, Moderate deformation oriented at 40-50 TCA

163.30, 164.20, FOL, MOD, 40.00, -, -, -, Moderate preferential alignmnet at 40-50 TCA

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

138.00, 138.50, QtzCalChl, 10.00, -, -, -, -, -, -, -, -, -, 10% irregular, choatic discontinuous qtz-cal-chl veinning less than 1cm thick

163.00, 168.00, QtzCalChl, 5.00, -, -, -, -, -, -, -, -, -, 5% irregular, whispy and discontinuous qtz-calc-chl veinning. 1% fine grained disseminated Py mineralization in margins

170.40, 170.50, QtzGry, 30.00, -, -, -, -, -, -, -, PYR, 2.00, 3cm thick medium grey smoky qtz vein with 2% fine grained clustered Py mineralization in strong hem altered margins and at contact of vein; oriented at 50 TCA

181.70, 181.80, QTZ_2, 30.00, -, -, -, -, -, -, -, PYR, 15.00, 1x 3cm thick and 5% mm scale qtz-cal veinning oriented at 90 TCA. 15% medium grained semi-massive py mineralization occuring in fractures and veinlets

185.00, 193.00, QtzCalChl, 2.00, -, -, -, -, -, -, -, PYR, .50, 2% white qtz-calc-chl veinning less than 1cm thick and at no preferred orientation contain trace to 1% Py

201.60, 201.70, QtzCalChl, 30.00, -, -, -, -, -, -, -, PYR, .50, 3cm thick qtz-cal-chl vein with mod. hem alterered contacts and trace fine grained Py

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120086 | 130.5 | 132.0 | 1.5 | 0.016 | | | | 2.84 |
| CAOND120087 | 132.0 | 133.5 | 1.5 | 0.009 | | | | 2.83 |
| CAOND120088 | 133.5 | 135.0 | 1.5 | 0.012 | | | | 2.84 |
| CAOND120089 | 135.0 | 136.5 | 1.5 | 0.012 | | | | 2.82 |
| CAOND120091 | 136.5 | 138.0 | 1.5 | 0.011 | | | | 2.81 |
| CAOND120092 | 138.0 | 139.5 | 1.5 | 0.011 | | | | 3.53 |
| CAOND120093 | 139.5 | 141.0 | 1.5 | 0.014 | | | | 2.81 |
| CAOND120094 | 141.0 | 142.5 | 1.5 | 0.082 | | | | 2.83 |
| CAOND120095 | 142.5 | 144.0 | 1.5 | 0.013 | | | | 2.85 |
| CAOND120096 | 144.0 | 145.5 | 1.5 | 0.028 | | | | 2.86 |
| CAOND120097 | 145.5 | 147.0 | 1.5 | 0.014 | | | | 2.86 |
| CAOND120098 | 147.0 | 148.5 | 1.5 | 0.069 | | | | 2.85 |
| CAOND120099 | 148.5 | 150.0 | 1.5 | 0.019 | | | | 2.84 |
| CAOND120101 | 150.0 | 151.5 | 1.5 | 0.037 | | | | 2.85 |
| CAOND120102 | 151.5 | 153.0 | 1.5 | 0.300 | | | | 2.82 |
| CAOND120103 | 153.0 | 154.5 | 1.5 | 0.099 | | | | 2.84 |
| CAOND120104 | 154.5 | 156.0 | 1.5 | 0.080 | | | | 2.84 |
| CAOND120105 | 156.0 | 157.5 | 1.5 | 0.024 | | | | 2.83 |
| CAOND120106 | 157.5 | 159.0 | 1.5 | 0.024 | | | | 2.83 |
| CAOND120107 | 159.0 | 160.5 | 1.5 | 0.010 | | | | 2.83 |
| CAOND120108 | 160.5 | 162.0 | 1.5 | 0.008 | | | | 2.83 |
| CAOND120109 | 162.0 | 163.0 | 1.0 | 0.005 | | | | 2.81 |
| CAOND120110 | 163.0 | 164.5 | 1.5 | 0.008 | | | | 2.75 |
| CAOND120111 | 164.5 | 166.0 | 1.5 | 0.013 | | | | 2.80 |
| CAOND120112 | 166.0 | 167.5 | 1.5 | 0.007 | | | | 2.82 |
| CAOND120113 | 167.5 | 169.0 | 1.5 | 0.010 | | | | 2.83 |
| CAOND120114 | 169.0 | 170.0 | 1.0 | 0.020 | | | | 2.82 |
| CAOND120116 | 170.0 | 171.0 | 1.0 | 0.046 | | | | 2.80 |
| CAOND120117 | 171.0 | 172.5 | 1.5 | 0.003 | | | | 2.75 |
| CAOND120118 | 172.5 | 174.0 | 1.5 | 0.009 | | | | 2.81 |
| CAOND120119 | 174.0 | 175.5 | 1.5 | 0.008 | | | | 2.82 |
| CAOND120121 | 175.5 | 177.0 | 1.5 | 0.011 | | | | 2.82 |
| CAOND120122 | 177.0 | 178.5 | 1.5 | 0.032 | | | | 2.83 |

**Hole number:** KLUC19-530

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120123 | 178.5 | 180.0 | 1.5 | 0.037 | | | | 2.84 |
| CAOND120124 | 180.0 | 181.5 | 1.5 | 0.076 | | | | 2.84 |
| CAOND120126 | 181.5 | 183.0 | 1.5 | 0.028 | | | | 2.85 |
| CAOND120127 | 183.0 | 184.5 | 1.5 | 0.018 | | | | 2.87 |
| CAOND120128 | 184.5 | 186.0 | 1.5 | 0.007 | | | | 2.86 |
| CAOND120129 | 186.0 | 187.5 | 1.5 | 0.005 | | | | 2.86 |
| CAOND120131 | 187.5 | 189.0 | 1.5 | 0.016 | | | | 2.88 |
| CAOND120132 | 189.0 | 190.5 | 1.5 | 0.011 | | | | 2.88 |
| CAOND120133 | 190.5 | 192.0 | 1.5 | 0.020 | | | | 2.88 |
| CAOND120134 | 192.0 | 193.5 | 1.5 | 0.015 | | | | 2.86 |
| CAOND120135 | 193.5 | 195.0 | 1.5 | 0.021 | | | | 2.87 |
| CAOND120136 | 195.0 | 196.5 | 1.5 | 0.003 | | | | 2.82 |
| CAOND120137 | 196.5 | 198.0 | 1.5 | 0.005 | | | | 2.82 |
| CAOND120138 | 198.0 | 199.5 | 1.5 | 0.007 | | | | 2.79 |
| CAOND120139 | 199.5 | 201.0 | 1.5 | 0.003 | | | | 2.80 |
| CAOND120140 | 201.0 | 202.5 | 1.5 | 0.012 | | | | 2.78 |
| CAOND120141 | 202.5 | 204.0 | 1.5 | 0.038 | | | | 2.77 |

**Geochemical sample**

| Sample | From | To | Ag gpt | Al2O3 Pct | Ba ppm | CaO Pct | Cu ppm | CO2 Pct | Cr ppm | Fe2O3 Pct | K2O Pct | LOI pct | MgO pct | MnO pct | Mo ppm | Na2O pct | Ni ppm | P2O5 pct |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Pb ppm | Rb ppm | SiO2 pct | Sr ppm | Tb ppm | Tm ppm | TiO2 pct | Tl ppm | Total pct | U ppm | V ppm | W ppm | Y ppm | Yb ppm | Zn ppm | Zr ppm |
| CAOND119072 | 4.2 | 4.3 | 0.3 | 14.25 | 1,260.00 | 4.19 | 26.00 | | 140.00 | 4.88 | 5.07 | 3.9 | 3.4 | 0.1 | 0.5 | 4.1 | 29.0 | 0.3 |
| | | | 4.0 | 189.0 | 58.6 | 537.0 | 0.50 | 0.18 | 0.4 | 5.00 | 99.4 | 2.7 | 96.0 | 3.0 | 14.5 | 1.5 | 58.0 | 129.0 |
| CAOND119073 | 5.5 | 5.6 | 0.3 | 16.15 | 1,535.00 | 2.85 | 18.00 | | 20.00 | 5.56 | 7.23 | 3.6 | 0.8 | 0.1 | 56.0 | 4.1 | 9.0 | 0.2 |
| | | | 9.0 | 142.0 | 58.3 | 412.0 | 0.43 | 0.22 | 0.3 | 10.00 | 99.3 | 3.4 | 55.0 | 18.0 | 12.9 | 1.6 | 18.0 | 180.0 |
| CAOND119074 | 8.4 | 8.5 | 0.3 | 12.70 | 1,490.00 | 6.91 | 198.00 | | 120.00 | 8.91 | 4.49 | 4.8 | 5.0 | 0.2 | 17.0 | 4.1 | 26.0 | 0.5 |
| | | | 1.0 | 238.0 | 48.4 | 1 175.0 | 0.82 | 0.34 | 0.8 | 10.00 | 97.2 | 1.9 | 189.0 | 7.0 | 21.8 | 2.1 | 77.0 | 153.0 |
| CAOND119075 | 47.3 | 47.4 | 0.5 | 13.80 | 2,350.00 | 3.64 | 531.00 | | 260.00 | 9.87 | 7.93 | 3.6 | 5.2 | 0.1 | 26.0 | 1.9 | 35.0 | 0.3 |
| | | | 5.0 | 294.0 | 52.3 | 693.0 | 0.73 | 0.37 | 0.7 | 5.00 | 99.8 | 3.6 | 176.0 | 15.0 | 21.2 | 2.1 | 68.0 | 264.0 |
| CAOND119076 | 56.7 | 56.8 | 0.3 | 13.70 | 1,440.00 | 5.00 | 6.00 | | 150.00 | 6.92 | 4.81 | 2.0 | 4.1 | 0.1 | 6.0 | 4.0 | 51.0 | 0.3 |
| | | | 1.0 | 137.5 | 56.9 | 427.0 | 0.70 | 0.30 | 0.7 | 10.00 | 98.8 | 1.7 | 172.0 | 4.0 | 20.2 | 1.9 | 46.0 | 161.0 |

## Hole number: KLUC19-530

| Sample | From | To | Ag gpt | Al2O3 Pct | Ba ppm | CaO Pct | Cu ppm | CO2 Pct | Cr ppm | Fe2O3 Pct | K2O Pct | LOI pct | MgO pct | MnO pct | Mo ppm | Na2O pct | Ni ppm | P2O5 pct |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Pb ppm | Rb ppm | SiO2 pct | Sr ppm | Tb ppm | Tm ppm | TiO2 pct | Tl ppm | Total pct | U ppm | V ppm | W ppm | Y ppm | Yb ppm | Zn ppm | Zr ppm |
| CAOND119077 | 90.0 | 90.1 | 0.3 | 14.15 | 1,045.00 | 4.85 | 45.00 | | 140.00 | 4.06 | 4.67 | 4.0 | 2.3 | 0.1 | 173.0 | 4.8 | 31.0 | 0.2 |
| | | | 12.0 | 187.0 | 60.8 | 1 650.0 | 0.51 | 0.30 | 0.6 | 5.00 | 100.8 | 2.1 | 102.0 | 15.0 | 17.2 | 1.8 | 37.0 | 185.0 |
| CAOND119078 | 93.1 | 93.2 | 0.3 | 13.10 | 1,125.00 | 7.11 | 23.00 | | 140.00 | 9.40 | 3.79 | 4.0 | 5.0 | 0.2 | 2.0 | 4.2 | 29.0 | 0.5 |
| | | | 1.0 | 126.5 | 51.0 | 553.0 | 0.89 | 0.37 | 0.8 | 5.00 | 99.2 | 2.0 | 184.0 | 4.0 | 23.1 | 2.1 | 60.0 | 176.0 |
| CAOND119079 | 102.7 | 102.8 | 0.3 | 13.80 | 1,390.00 | 6.10 | 40.00 | | 180.00 | 10.40 | 3.68 | 1.8 | 6.0 | 0.2 | 2.0 | 3.5 | 33.0 | 0.5 |
| | | | 2.0 | 104.0 | 51.8 | 1 095.0 | 0.99 | 0.32 | 0.9 | 10.00 | 99.1 | 2.1 | 207.0 | 3.0 | 25.3 | 2.5 | 68.0 | 179.0 |
| CAOND119080 | 150.4 | 150.5 | 0.3 | 13.75 | 1,465.00 | 6.37 | 55.00 | | 160.00 | 9.84 | 3.42 | 1.8 | 6.0 | 0.2 | 1.0 | 3.9 | 29.0 | 0.5 |
| | | | 1.0 | 94.6 | 52.3 | 1 050.0 | 0.94 | 0.37 | 0.9 | 5.00 | 99.2 | 2.0 | 207.0 | 3.0 | 24.0 | 2.2 | 76.0 | 176.0 |
| CAOND119081 | 203.1 | 203.3 | 0.3 | 15.85 | 1,595.00 | 4.27 | 39.00 | | 140.00 | 7.19 | 3.68 | 1.7 | 3.8 | 0.1 | 1.0 | 5.6 | 31.0 | 0.3 |
| | | | 1.0 | 90.3 | 58.2 | 1 275.0 | 0.64 | 0.30 | 0.6 | 5.00 | 101.7 | 2.7 | 147.0 | 3.0 | 18.7 | 2.0 | 53.0 | 172.0 |

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 3.4 | 6.0 | 90.00 | 100.00 | | | N | |
| 6.0 | 9.0 | 97.00 | 100.00 | | | N | |
| 9.0 | 12.0 | 65.00 | 100.00 | | | N | |
| 12.0 | 15.0 | 65.00 | 100.00 | | | N | |
| 15.0 | 18.0 | 28.00 | 100.00 | | | N | |
| 18.0 | 21.0 | 27.00 | 100.00 | | | N | |
| 21.0 | 24.0 | 73.00 | 100.00 | | | N | |
| 24.0 | 27.0 | 52.00 | 100.00 | | | N | |
| 27.0 | 30.0 | 53.00 | 100.00 | | | N | |
| 30.0 | 33.0 | 77.00 | 100.00 | | | N | |
| 33.0 | 36.0 | 70.00 | 100.00 | | | N | |
| 36.0 | 39.0 | 77.00 | 100.00 | | | N | |
| 39.0 | 42.0 | 85.00 | 100.00 | | | N | |
| 42.0 | 45.0 | 87.00 | 100.00 | | | N | |
| 45.0 | 48.0 | 80.00 | 100.00 | | | N | |
| 48.0 | 51.0 | 65.00 | 100.00 | | | N | |

**Hole number:** KLUC19-530

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 51.0 | 54.0 | 30.00 | 100.00 | | | N | |
| 54.0 | 57.0 | 70.00 | 100.00 | | | N | |
| 57.0 | 60.0 | 48.00 | 100.00 | | | N | |
| 60.0 | 63.0 | 90.00 | 100.00 | | | N | |
| 63.0 | 66.0 | 67.00 | 100.00 | | | N | |
| 66.0 | 69.0 | 68.00 | 100.00 | | | N | |
| 69.0 | 72.0 | 43.00 | 100.00 | | | N | |
| 72.0 | 75.0 | 35.00 | 100.00 | | | N | |
| 75.0 | 78.0 | 50.00 | 100.00 | | | N | |
| 78.0 | 81.0 | 88.00 | 100.00 | | | N | |
| 81.0 | 84.0 | 97.00 | 100.00 | | | N | |
| 84.0 | 87.0 | 93.00 | 100.00 | | | N | |
| 87.0 | 90.0 | 97.00 | 100.00 | | | N | |
| 90.0 | 93.0 | 97.00 | 100.00 | | | N | |
| 93.0 | 96.0 | 77.00 | 100.00 | | | N | |
| 96.0 | 99.0 | 55.00 | 100.00 | | | N | |
| 99.0 | 102.0 | 83.00 | 100.00 | | | N | |
| 102.0 | 105.0 | 100.00 | 100.00 | | | N | |
| 105.0 | 108.0 | 100.00 | 100.00 | | | N | |
| 108.0 | 111.0 | 100.00 | 100.00 | | | N | |
| 111.0 | 114.0 | 100.00 | 100.00 | | | N | |
| 114.0 | 117.0 | 100.00 | 100.00 | | | N | |
| 117.0 | 120.0 | 97.00 | 100.00 | | | N | |
| 120.0 | 123.0 | 83.00 | 100.00 | | | N | |
| 123.0 | 126.0 | 70.00 | 100.00 | | | N | |
| 126.0 | 129.0 | 40.00 | 100.00 | | | N | |
| 129.0 | 132.0 | 52.00 | 100.00 | | | N | |
| 132.0 | 135.0 | 92.00 | 100.00 | | | N | |

**Hole number:** KLUC19-530

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 135.0 | 138.0 | 97.00 | 100.00 | | | N | |
| 138.0 | 141.0 | 77.00 | 100.00 | | | N | |
| 141.0 | 144.0 | 82.00 | 100.00 | | | N | |
| 144.0 | 147.0 | 100.00 | 100.00 | | | N | |
| 147.0 | 150.0 | 100.00 | 100.00 | | | N | |
| 150.0 | 153.0 | 100.00 | 100.00 | | | N | |
| 153.0 | 156.0 | 100.00 | 100.00 | | | N | |
| 156.0 | 159.0 | 100.00 | 100.00 | | | N | |
| 159.0 | 162.0 | 80.00 | 100.00 | | | N | |
| 162.0 | 165.0 | 83.00 | 100.00 | | | N | |
| 165.0 | 168.0 | 95.00 | 100.00 | | | N | |
| 168.0 | 171.0 | 95.00 | 100.00 | | | N | |
| 171.0 | 174.0 | 97.00 | 100.00 | | | N | |
| 174.0 | 177.0 | 100.00 | 100.00 | | | N | |
| 177.0 | 180.0 | 88.00 | 100.00 | | | N | |
| 180.0 | 183.0 | 93.00 | 100.00 | | | N | |
| 183.0 | 186.0 | 100.00 | 100.00 | | | N | |
| 186.0 | 189.0 | 100.00 | 100.00 | | | N | |
| 189.0 | 192.0 | 100.00 | 100.00 | | | N | |
| 192.0 | 195.0 | 100.00 | 100.00 | | | N | |
| 195.0 | 198.0 | 97.00 | 100.00 | | | N | |
| 198.0 | 201.0 | 95.00 | 100.00 | | | N | |
| 201.0 | 204.0 | 97.00 | 100.00 | | | N | |

AGNICO EAGLE

# DRILL HOLE REPORT

## EXPLORATION CANADA ONTARIO

**Hole number:** KLUC19-531 **Project Number:** U_Canada **Project name:** Upper Canada

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Historic hole number:** | | **Collar survey:** | Y | **From:** | 0.0 | **Coordinates:** | P |
| **System:** | METRIC | **Verified:** | N | **To:** | 300.0 | **Grid:** | UTM83-17_CSRS-2010: |
| **Target:** | UC_NORTHLAND | **Gas:** | N | **Depth:** | 300.0 | **North:** | 5,332,760.82 |
| **No. Claim:** | PAT-18821 | **Multishot survey:** | N | **Location:** | Surface | **East:** | 585,919.41 |
| **Year:** | 2 019 | **Is making water:** | N | **Core storage:** | Mine Site | **Elevation:** | 354.97 |
| **Date started:** | 2019-02-10 | **Object in hole:** | N | **Contractor:** | Asinii Drilling | **Collar dip:** | -48.85 |
| **Date logged:** | 2019-02-14 | **Pulse EM survey:** | N | **Logged by:** | Melanie Bouchard | **Collar azimuth:** | 339.30 |
| **Date completed:** | 2019-02-13 | **Plugged:** | N | **Signature:** | Mélanie Bouchard | | |
| **Core size:** | NQ | **Cemented:** | N | | | | |
| **Hole type:** | EXP | **Branch:** | N | | | | |
| **Casing:** | Left in Hole, capped | **Reserve:** | N | | | | |
| **Logging status:** | Signed | | | | | | |
| **Rig number:** | 2501 | | | | | | |

**Additional sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Proposed hole: UCP19-026. New and improved Asinii II drill Rig: 2501. Targeting: Shallow, high grade Northland targets.

**Assay average**

| Average type | From | To | Length | Width | Zone | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Pb_ppm | Ni_ppm | As_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WEIGHTED | 12.0 | 15.5 | 3.5 | | UC_N_LAND | 1.455 | | | | | | |
| WEIGHTED | 24.5 | 29.0 | 4.5 | | | 0.969 | | | | | | |
| WEIGHTED | 39.5 | 47.0 | 7.5 | | | 0.627 | | | | | | |
| WEIGHTED | 50.5 | 52.0 | 1.5 | | | 1.605 | | | | | | |
| WEIGHTED | 71.5 | 78.0 | 6.5 | | | 1.008 | | | | | | |
| WEIGHTED | 104.5 | 113.5 | 9.0 | | | 1.572 | | | | | | |
| WEIGHTED | 110.5 | 112.0 | 1.5 | | | 6.320 | | | | | | |
| WEIGHTED | 150.5 | 152.0 | 1.5 | | | 1.170 | | | | | | |

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments | Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 345.00 | -50.00 | PLANNED | | Planned direction | 0.0 | 339.30 | -48.85 | S | O | Surveyed dip and azimuth (true North) |
| 15.0 | 339.30 | -49.40 | EZ | O | 56317 | 45.0 | 340.00 | -49.20 | EZ | O | 54317 |
| 75.0 | 341.20 | -49.20 | EZ | O | 53456 | 105.0 | 343.70 | -48.70 | EZ | O | 54504 |

## Hole number: KLUC19-531

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 135.0 | 342.80 | -48.80 | EZ | O | 54228 |
| 195.0 | 341.50 | -48.70 | EZ | O | 55146 |
| 255.0 | 350.90 | -48.40 | EZ | | 47998 |
| 165.0 | 342.10 | -48.80 | EZ | O | 54680 |
| 225.0 | 340.90 | -48.60 | EZ | O | 55061 |
| 300.0 | 340.90 | -48.30 | EZ | O | 54932 |

| Certificate |
|---|
| TM19043448 |
| TM19043452 |
| TM19047316 |
| TM19047325 |
| TM19047349 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505D19-003 | Excaon1D | CAOND118456 - CAOND118500<br>CAOND120001 - CAOND120203 |
| CXE5505D19-004 | Excaon1D | CAOND120204 - CAOND120471 |
| CXE5505D19-071 | Excaon1 | CAOND114322<br>CAOND114326<br>CAOND114329<br>CAOND114344<br>CAOND114351<br>CAOND114383<br>CAOND114423<br>CAOND114436<br>CAOND114443<br>CAOND114446<br>CAOND114454<br>CAOND114458<br>CAOND116718<br>CAOND116726<br>CAOND116858<br>CAOND116861<br>CAOND116872<br>CAOND116903<br>CAOND116918<br>CAOND116944<br>CAOND116952<br>CAOND116957<br>CAOND116977<br>CAOND116988<br>CAOND117059<br>CAOND117063<br>CAOND117069 - CAOND117070<br>CAOND117091<br>CAOND117117<br>CAOND117121<br>CAOND117134 |

| Sample number | Standard |
|---|---|
| CAOND120145 | CDN-CM-28-AEM |
| CAOND120160 | CDN-CM-27-AEM |
| CAOND120170 | BLANK-DB |
| CAOND120175 | CDN-GS-5U-AEM |
| CAOND120190 | CDN-CM-28-AEM |
| CAOND120215 | CDN-CM-27-AEM |
| CAOND120220 | BLANK-DB |
| CAOND120230 | CDN-GS-5U-AEM |
| CAOND120245 | CDN-CM-28-AEM |
| CAOND120260 | CDN-CM-27-AEM |
| CAOND120270 | BLANK-DB |
| CAOND120275 | CDN-GS-5U-AEM |
| CAOND120290 | CDN-CM-28-AEM |
| CAOND120315 | CDN-CM-27-AEM |
| CAOND120320 | BLANK-DB |
| CAOND120330 | CDN-GS-5U-AEM |
| CAOND120345 | CDN-CM-28-AEM |
| CAOND120360 | CDN-CM-27-AEM |
| CAOND120370 | BLANK-DB |
| CAOND120375 | CDN-GS-5U-AEM |
| CAOND120390 | CDN-CM-28-AEM |

**Hole number:** KLUC19-531

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND117146 |
| | | CAOND117169 |
| | | CAOND117177 |
| | | CAOND117193 |
| | | CAOND117197 |
| | | CAOND117232 |
| | | CAOND117251 |
| | | CAOND117276 |
| | | CAOND117285 |
| | | CAOND117287 |
| | | CAOND117307 |
| | | CAOND117317 |
| | | CAOND117348 |
| | | CAOND117352 - CAOND117354 |
| | | CAOND117367 |
| | | CAOND117376 |
| | | CAOND117408 |
| | | CAOND117410 |
| | | CAOND117431 |
| | | CAOND117467 |
| | | CAOND117489 |
| | | CAOND117492 - CAOND117493 |
| | | CAOND117501 |
| | | CAOND117563 - CAOND117564 |
| | | CAOND117591 |
| | | CAOND117596 |
| | | CAOND117619 |
| | | CAOND117622 |
| | | CAOND117631 - CAOND117632 |
| | | CAOND117670 |
| | | CAOND117678 - CAOND117679 |
| | | CAOND117681 |
| | | CAOND117691 |
| | | CAOND117696 |
| | | CAOND117732 - CAOND117733 |
| | | CAOND117761 |
| | | CAOND117778 |
| | | CAOND117788 |
| | | CAOND117803 |
| | | CAOND117817 |
| | | CAOND117863 |
| | | CAOND117871 |
| | | CAOND117936 |

**Hole number:** KLUC19-531

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND117981 |
| | | CAOND118114 |
| | | CAOND118135 |
| | | CAOND118143 |
| | | CAOND118145 |
| | | CAOND118236 |
| | | CAOND118251 |
| | | CAOND118287 |
| | | CAOND118301 |
| | | CAOND118316 |
| | | CAOND118319 |
| | | CAOND118346 |
| | | CAOND118351 |
| | | CAOND118381 |
| | | CAOND118395 |
| | | CAOND118410 |
| | | CAOND118436 |
| | | CAOND118463 |
| | | CAOND118479 |
| | | CAOND118481 |
| | | CAOND118539 |
| | | CAOND118556 |
| | | CAOND118618 |
| | | CAOND118631 |
| | | CAOND118664 |
| | | CAOND118684 |
| | | CAOND118686 |
| | | CAOND118688 |
| | | CAOND118707 |
| | | CAOND118720 |
| | | CAOND118754 |
| | | CAOND118793 |
| | | CAOND118829 |
| | | CAOND118835 |
| | | CAOND118851 |
| | | CAOND118859 |
| | | CAOND118862 |
| | | CAOND118897 |
| | | CAOND118933 |
| | | CAOND118941 |
| | | CAOND118947 |
| | | CAOND118954 |
| | | CAOND118966 |

**Hole number:** KLUC19-531

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND118981 |
| | | CAOND119502 |
| | | CAOND119526 |
| | | CAOND119551 |
| | | CAOND119564 |
| | | CAOND119569 |
| | | CAOND119571 |
| | | CAOND119573 |
| | | CAOND119583 |
| | | CAOND119585 |
| | | CAOND119591 |
| | | CAOND119621 |
| | | CAOND119645 |
| | | CAOND119677 |
| | | CAOND119771 |
| | | CAOND119802 |
| | | CAOND119809 |
| | | CAOND119817 |
| | | CAOND119841 |
| | | CAOND119846 |
| | | CAOND119873 |
| | | CAOND119913 |
| | | CAOND119918 |
| | | CAOND120032 - CAOND120033 |
| | | CAOND120048 |
| | | CAOND120081 |
| | | CAOND120085 |
| | | CAOND120118 |
| | | CAOND120170 |
| | | CAOND120183 |
| | | CAOND120361 |
| | | CAOND120371 |
| | | CAOND120381 |
| | | CAOND120399 |
| | | CAOND120422 |
| | | CAOND120481 |
| | | CAOND120512 |
| | | CAOND120566 - CAOND120567 |
| | | CAOND120569 |
| | | CAOND120581 |
| | | CAOND120618 |
| | | CAOND120632 |
| | | CAOND120637 |

**Hole number:** KLUC19-531

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND120643<br>CAOND120658<br>CAOND120685<br>CAOND120687<br>CAOND120692<br>CAOND120701<br>CAOND120712 |
| CXE5505D19WRA-003 | Excaon2-WRA | CAOND119024 - CAOND119025<br>CAOND119072 - CAOND119084 |
| CXE5505D19WRA-004 | Excaon2-WRA | CAOND119085 - CAOND119103 |

*The sample list may content samples from other holes

**Major: From:** 0.00 **To:** 3.80 OVB, Overburden

Overburden / casing. ~3.4 - 3.8m = boulders of various types of rock

**Major: From:** 3.80 **To:** 49.00 V8Gs, Trachyte green spotted

Composition: Medium to dark purplish grey, fine grained and massive; 2-5% fine grained, angular, dark green, amphibole crystals; 25-30% medium grained randomly distributed spots of medium green to yellowish green epidote blebs, up to 2-3cm in size; V8Gs - Trachyte green spotted. Magnetism: Moderately magnetic. Veinning: 1-2% mm scale randomly oriented and distributed calcite and qtz-cal-chl veinning and 2-3% microfractured filled calcite. Structure: Undeformed. Alteration: Moderate spotted epidote and weak pervasive calcite alteration Mineralization: 1% fine grained disseminated Py mineralization and 2-3% random clusters and mm scale veinlets with semi-massive Py. Lower Contact: Gradational

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

3.80, 49.00, PYR, DIS, 1.00, -, -, 1% fine grained disseminated Py mineralization and 2-3% random clusters and mm scale veinlets with semi-massive Py.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

3.80, 49.00, CAL+, PEN, WEAK, -, -, -, Weak to moderate pervasive calcite alteration

3.80, 49.00, EPD+, SPO, MOD, -, -, -, Moderate spotted epidote alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

44.00, 47.00, BRR, MOD, -, -, -, -, Weak to moderate broken core /fracturing into 3-10cm thick elongated peices

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

12.40, 12.50, QTZ_2, 50.00, -, -, -, -, -, -, -, PYR, 3.00, 4cm thick cluster of 3x 0.5cm thick qtz-cal vein

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120142 | 3.8 | 5.0 | 1.2 | 0.387 | | | | 2.86 |
| CAOND120143 | 5.0 | 6.5 | 1.5 | 0.233 | | | | 2.86 |
| CAOND120144 | 6.5 | 8.0 | 1.5 | 0.119 | | | | 2.85 |
| CAOND120146 | 8.0 | 9.5 | 1.5 | 0.162 | | | | 2.86 |
| CAOND120147 | 9.5 | 11.0 | 1.5 | 0.198 | | | | 2.87 |
| CAOND120148 | 11.0 | 12.0 | 1.0 | 0.125 | | | | 2.86 |
| CAOND120149 | 12.0 | 13.5 | 1.5 | 2.570 | | | | 2.83 |
| CAOND120151 | 13.5 | 14.0 | 0.5 | 0.801 | | | | 2.81 |
| CAOND120152 | 14.0 | 15.5 | 1.5 | 0.557 | | | | 2.86 |
| CAOND120153 | 15.5 | 17.0 | 1.5 | 0.117 | | | | 2.86 |
| CAOND120154 | 17.0 | 18.5 | 1.5 | 0.054 | | | | 2.83 |
| CAOND120155 | 18.5 | 20.0 | 1.5 | 0.167 | | | | 2.88 |
| CAOND120156 | 20.0 | 21.5 | 1.5 | 0.048 | | | | 2.88 |
| CAOND120157 | 21.5 | 23.0 | 1.5 | 0.165 | | | | 2.89 |
| CAOND120158 | 23.0 | 24.5 | 1.5 | 0.169 | | | | 2.86 |
| CAOND120159 | 24.5 | 26.0 | 1.5 | 1.575 | | | | 2.85 |
| CAOND120161 | 26.0 | 27.5 | 1.5 | 0.403 | | | | 2.86 |
| CAOND120162 | 27.5 | 29.0 | 1.5 | 0.930 | | | | 2.88 |
| CAOND120163 | 29.0 | 30.5 | 1.5 | 0.117 | | | | 2.90 |
| CAOND120164 | 30.5 | 32.0 | 1.5 | 0.028 | | | | 2.88 |
| CAOND120165 | 32.0 | 33.5 | 1.5 | 0.101 | | | | 2.88 |

**Hole number:** KLUC19-531

oriented at 45 TCA. 3% clustered Py mineralization within vein
13.80, 13.90, CAL, 30.00, -, -, -, -, -, -, -, PYR, 10.00, 3cm thick pale pink calcite vein with a 2mm thick massive py cluster at upper contact and 10-15% Py clustered throughout vein
37.00, 38.50, QtzCalChl, 2.00, -, -, -, -, -, -, -, -, -, 2% 1-5mm thick qtz-cal-chl veinning running parallel to core axis

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120166 | 33.5 | 35.0 | 1.5 | 0.270 | | | | 2.87 |
| CAOND120167 | 35.0 | 36.5 | 1.5 | 0.413 | | | | 2.87 |
| CAOND120168 | 36.5 | 38.0 | 1.5 | 0.352 | | | | 2.88 |
| CAOND120169 | 38.0 | 39.5 | 1.5 | 0.326 | | | | 2.80 |
| CAOND120171 | 39.5 | 41.0 | 1.5 | 0.648 | | | | 2.87 |
| CAOND120172 | 41.0 | 42.5 | 1.5 | 0.641 | | | | 2.81 |
| CAOND120173 | 42.5 | 44.0 | 1.5 | 0.622 | | | | 2.86 |
| CAOND120174 | 44.0 | 45.5 | 1.5 | 0.399 | | | | 2.87 |
| CAOND120176 | 45.5 | 47.0 | 1.5 | 0.823 | | | | 2.84 |
| CAOND120177 | 47.0 | 48.0 | 1.0 | 0.045 | | | | 2.85 |
| CAOND120178 | 48.0 | 49.0 | 1.0 | 0.178 | | | | 2.84 |

**Major:** **From:** 49.00 **To:** 90.40 V8, Trachyte

Composition: Medium to dark grey to greenish grey, fine to medium grained and relatively massive; V8 - Trachyte. Magnetism: Moderately magnetic. Veinning: 3-5% mm scale white, chaotic and whsipy calcite veinning throughout. Structure: Dominantly undeformed but contains local moderate and parallel deformation. Alteration: Strong pervasive calcite alteration. Mineralization: Trace to 1% fine grained Py mienralization with local clusters of 15-20% disseminated Py over 10cm. Lower Contact: Sharp and oriented at 45 TCA.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

49.00, 55.50, PYR, DIS, .50, -, -, 0.5 fine grained dissemianted Py mineralization with local 1cm thick clusters containning 75% Py
55.50, 59.00, PYR, DIS, 2.00, -, -, 2-3% fine and medium grained dissemianted and clustered Py mineralization
59.00, 89.00, PYR, DIS, 1.00, -, -, 1-2% fine and medium grained dissemianted Py mineralization with local clusters of 30-40% fine grained diss. Py over 5-10cm. Py also observed as semi-massive in microfratures
89.00, 90.40, PYR, PAT, 15.00, -, -, 15% clusters fine grained Py mineralization

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

49.00, 90.40, CAL+, PEN, STRONG, -, -, -, Strong pervasive calcite alteration
55.50, 59.00, HEM+, PEN, MOD, -, -, -, Moderate pervasive hematite alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

55.50, 59.00, DFZ, WEAK, 40.00, -, -, -, Weak deformation and preferential alignment at 40-50 TCA
55.50, 59.00, FOL, WEAK, 40.00, -, -, -, Weak preferential alignment at 40-50 TCA
77.00, 82.00, DFZ, WEAK, 40.00, -, -, -, Weak parallel deformation at 40-50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120179 | 49.0 | 50.5 | 1.5 | 0.271 | | | | 2.80 |
| CAOND120181 | 50.5 | 52.0 | 1.5 | 1.605 | | | | 2.78 |
| CAOND120182 | 52.0 | 53.5 | 1.5 | 0.084 | | | | 2.79 |
| CAOND120183 | 53.5 | 54.5 | 1.0 | 0.092 | | | | 2.81 |
| CAOND120184 | 54.5 | 55.5 | 1.0 | 0.187 | | | | 2.77 |
| CAOND120185 | 55.5 | 57.0 | 1.5 | 0.791 | | | | 2.79 |
| CAOND120186 | 57.0 | 58.0 | 1.0 | 0.783 | | | | 2.75 |
| CAOND120187 | 58.0 | 59.0 | 1.0 | 0.172 | | | | 2.77 |
| CAOND120188 | 59.0 | 60.5 | 1.5 | 0.131 | | | | 2.77 |
| CAOND120189 | 60.5 | 62.0 | 1.5 | 0.182 | | | | 2.80 |
| CAOND120191 | 62.0 | 63.0 | 1.0 | 0.674 | | | | 2.79 |
| CAOND120192 | 63.0 | 64.0 | 1.0 | 0.072 | | | | 2.81 |
| CAOND120193 | 64.0 | 65.5 | 1.5 | 0.141 | | | | 2.79 |
| CAOND120194 | 65.5 | 67.0 | 1.5 | 0.219 | | | | 2.84 |
| CAOND120195 | 67.0 | 68.5 | 1.5 | 0.127 | | | | 2.85 |
| CAOND120196 | 68.5 | 70.0 | 1.5 | 0.347 | | | | 2.84 |
| CAOND120197 | 70.0 | 71.5 | 1.5 | 0.366 | | | | 2.84 |
| CAOND120198 | 71.5 | 73.0 | 1.5 | 1.535 | | | | 2.79 |
| CAOND120199 | 73.0 | 74.5 | 1.5 | 0.133 | | | | 2.81 |
| CAOND120201 | 74.5 | 76.0 | 1.5 | 0.568 | | | | 2.85 |
| CAOND120202 | 76.0 | 77.0 | 1.0 | 0.537 | | | | 2.89 |

**Hole number:** KLUC19-531

77.00, 82.00, FOL, WEAK, 40.00, -, -, -, Weak preferential alignment at 40-50 TCA

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS
77.20, 77.60, PYR, 5.00, -, -, -, -, -, -, -, PYR, 30.00, 5% 1-2cm thick calcite vein with 70-80% clustered Py mineralization
89.70, 89.80, PYR, 80.00, -, -, -, -, -, -, -, PYR, 70.00, 6cm thick irregular cluster of 70-80% fine grained py mineralization within and at contact of a calcite vein

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120203 | 77.0 | 78.0 | 1.0 | 2.660 | | | | 2.90 |
| CAOND120204 | 78.0 | 79.5 | 1.5 | 0.066 | | | | 2.78 |
| CAOND120205 | 79.5 | 81.0 | 1.5 | 0.228 | | | | 2.84 |
| CAOND120206 | 81.0 | 82.5 | 1.5 | 0.229 | | | | 2.77 |
| CAOND120207 | 82.5 | 84.0 | 1.5 | 0.586 | | | | 2.78 |
| CAOND120208 | 84.0 | 85.5 | 1.5 | 0.024 | | | | 2.78 |
| CAOND120209 | 85.5 | 87.0 | 1.5 | 0.133 | | | | 2.78 |
| CAOND120210 | 87.0 | 88.0 | 1.0 | 0.272 | | | | 2.77 |
| CAOND120211 | 88.0 | 89.0 | 1.0 | 0.583 | | | | 2.78 |
| CAOND120212 | 89.0 | 90.4 | 1.4 | 0.220 | | | | 2.83 |

**Major:** **From:** 90.40 **To:** 103.00 I2Dp, Porphyritic Syenite

Composition: Dark purple, medium purplish grey and medium salmon pink, fine grained matrix with 50% medium grained subrounded and elongated phenocrysts; I2Dp - Syenite porphyry. Magnetism: Weakly magnetic. Veinning: 25-30% qtz, qtz-cal and qtz-cal-chl veinning occuring as irregular and chaotic network fractured into host rock from mm scale microfractures to 20cm thick. Structure: Moderate brittle chaotic microfracturing. Alteration: Random pervasive patches of moderate Kspar alteration? and moderate Se alteration ouccring at contacts of microfractures and boundaries of phenocrysts. Mineralization: 5% very fine and fine grained disseminated Py mineralization. Lower Contact: Sharp contact trending at 10 TCA

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
90.40, 103.00, PYR, DIS, 5.00, -, -, 5% fine grained disseminated Py mineralization

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
90.40, 103.00, HEM+, PEN, MOD, -, -, -, Moderate random pervasive intervals of kspar? or hem alteration
90.40, 103.00, SER+, PAT, MOD, -, -, -, Moderate Se alteration occuring at contacts/margins of microfractures and boundaries of phenocrysts

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS
90.40, 103.00, QTZ, 25.00, -, -, -, -, -, -, -, -, -, 25-30% qtz, qtz-cal and qtz-cal-chl veinning occuring as irregular and chaotic network fractured into host rock from mm scale microfractures to 20cm thick.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120213 | 90.4 | 91.5 | 1.1 | 0.337 | | | | 2.69 |
| CAOND120214 | 91.5 | 93.0 | 1.5 | 0.034 | | | | 2.69 |
| CAOND120216 | 93.0 | 94.5 | 1.5 | 0.127 | | | | 2.68 |
| CAOND120217 | 94.5 | 96.0 | 1.5 | 0.082 | | | | 2.68 |
| CAOND120218 | 96.0 | 97.5 | 1.5 | 0.051 | | | | 2.65 |
| CAOND120219 | 97.5 | 99.0 | 1.5 | 0.060 | | | | 2.70 |
| CAOND120221 | 99.0 | 100.5 | 1.5 | 0.018 | | | | 2.69 |
| CAOND120222 | 100.5 | 102.0 | 1.5 | 0.011 | | | | 2.71 |
| CAOND120223 | 102.0 | 103.0 | 1.0 | 0.022 | | | | 2.71 |

**Major:** **From:** 103.00 **To:** 144.00 V8, Trachyte

Composition: Dominantly dark green coloured, fine grained and relatively massive, beginning of interval

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120224 | 103.0 | 104.5 | 1.5 | 0.253 | | | | 2.80 |

**Hole number:** KLUC19-531

in strongly calcite altered and chaotic; V8 - Trachyte. Magnetism: Strong magnetism. Veinning: 25% gradually decreasing to 3-5% mm scale chaotic calcite veinlets. Structure: Possibly weakly deformed. Alteration: Strong pervasive calcite alteration gradually decreasing to moderate. Mineralization: 5-10% fine and medium grained clustered py mineralization randomly clustered. Lower Contact: Gradational....? contact is unclear and is placed with composition and textures appear to be consistent with V8Gs

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

103.00, 120.00, PYR, PAT, 10.00, -, -, 10-15% fine and medium grained clustered and locally disseminated Py mineralization

120.00, 138.70, PYR, DIS, 1.00, -, -, 1% fine grained disseminated Py

138.70, 144.00, PYR, DIS, 2.00, -, -, 2-3% fine graiend Py mienralization occuring in qtz-cal-chl veinning and at contacts of veinning

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

103.00, 120.00, CAL+, PEN, STRONG, -, -, -, Strong pervasive calcite alteration

120.00, 144.00, CAL+, PEN, MOD, -, -, -, Moderate pervasive calcite alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

103.00, 129.00, DFZ, WEAK, -, -, -, -, Weak chaotic deformation

128.00, 133.00, BRR, WEAK, 0.00, -, -, -, Weak broken/fractured core into 5-10cm thick pieces. Fractures run parallel to core axis

129.00, 132.00, DFZ, WEAK, -, -, -, -, Weak parallel deformation

129.00, 132.00, FOL, WEAK, 0.00, -, -, -, Weak preferential alignment at 0-10 TCA

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

103.00, 120.00, CAL, 25.00, -, -, -, -, -, -, -, -, -, 25% mm scale chaotic calcite veinlets

113.90, 114.40, QTZ, 80.00, -, -, -, -, -, -, -, -, -, 80% white to pale grey, altered and chaotic qtz vein containning altered clasts of host rock and 3% fine grained disseminated Py

138.70, 144.00, QtzCalChl, 30.00, -, -, -, -, -, -, -, PYR, 2.00, 30% irregular and patchy qtz-cal-chl veinning dominantly trending at shallow anlges to core axis. Patch of vein occuring up to 40cm along core

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120226 | 104.5 | 106.0 | 1.5 | 1.250 | | | | 2.81 |
| CAOND120227 | 106.0 | 107.5 | 1.5 | 0.277 | | | | 2.78 |
| CAOND120228 | 107.5 | 109.0 | 1.5 | 0.263 | | | | 2.79 |
| CAOND120229 | 109.0 | 110.5 | 1.5 | 0.640 | | | | 2.79 |
| CAOND120231 | 110.5 | 112.0 | 1.5 | 6.320 | | | | 2.78 |
| CAOND120232 | 112.0 | 113.5 | 1.5 | 0.684 | | | | 2.80 |
| CAOND120233 | 113.5 | 115.0 | 1.5 | 0.158 | | | | 2.78 |
| CAOND120234 | 115.0 | 116.5 | 1.5 | 0.280 | | | | 2.80 |
| CAOND120235 | 116.5 | 118.0 | 1.5 | 0.222 | | | | 2.79 |
| CAOND120236 | 118.0 | 119.5 | 1.5 | 0.133 | | | | 2.79 |
| CAOND120237 | 119.5 | 121.0 | 1.5 | 0.269 | | | | 2.78 |
| CAOND120238 | 121.0 | 122.5 | 1.5 | 0.081 | | | | 2.77 |
| CAOND120239 | 122.5 | 124.0 | 1.5 | 0.172 | | | | 2.77 |
| CAOND120240 | 124.0 | 125.5 | 1.5 | 0.035 | | | | 2.77 |
| CAOND120241 | 125.5 | 127.0 | 1.5 | 0.061 | | | | 2.77 |
| CAOND120242 | 127.0 | 128.5 | 1.5 | 0.072 | | | | 2.77 |
| CAOND120243 | 128.5 | 130.0 | 1.5 | 0.230 | | | | 2.77 |
| CAOND120244 | 130.0 | 131.5 | 1.5 | 0.056 | | | | 2.76 |
| CAOND120246 | 131.5 | 133.0 | 1.5 | 0.070 | | | | 2.75 |
| CAOND120247 | 133.0 | 134.5 | 1.5 | 0.019 | | | | 2.77 |
| CAOND120248 | 134.5 | 136.0 | 1.5 | 0.606 | | | | 2.77 |
| CAOND120249 | 136.0 | 137.5 | 1.5 | 0.174 | | | | 2.75 |
| CAOND120251 | 137.5 | 138.5 | 1.0 | 0.098 | | | | 2.76 |
| CAOND120252 | 138.5 | 140.0 | 1.5 | 0.090 | | | | 2.72 |
| CAOND120253 | 140.0 | 141.0 | 1.0 | 0.112 | | | | 2.73 |
| CAOND120254 | 141.0 | 142.5 | 1.5 | 0.202 | | | | 2.77 |
| CAOND120255 | 142.5 | 144.0 | 1.5 | 0.036 | | | | 2.75 |

**Major:** **From:** 144.00 **To:** 188.00 V8Gs, Trachyte green spotted

Composition: Medium to dark reddish, fine grained, massive; V8Gs - Trachyte green spotted. Magnetism: Moderate to strongly magnetic. Veinning: 15% irregular and chaotic qtz-cal-chl veinning between 144-151m. After 155m the veinning becomes 3-5% irregular calcite veinning. Structure: Undeformed. Alteration: Moderate pervasive calcite alteration. At 165m and onwards, moderate spotty epidote alteration is observed. Mineralization: 2-3% fine graiend dissemianted and clustered Py

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120256 | 144.0 | 145.0 | 1.0 | 0.003 | | | | 2.76 |
| CAOND120257 | 145.0 | 146.0 | 1.0 | 0.006 | | | | 2.80 |
| CAOND120258 | 146.0 | 147.5 | 1.5 | 0.013 | | | | 2.76 |
| CAOND120259 | 147.5 | 149.0 | 1.5 | 0.048 | | | | 2.76 |

**Hole number:** KLUC19-531

mineralization. Lower Contact: Gradational contact zone

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

144.00, 188.00, PYR, DIS, 2.00, -, -, 2-3% fine grained disseminated and clustered Py mienralization

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

144.00, 188.00, CAL+, PEN, MOD, -, -, -, Moderate pervasive calcite alteration

152.00, 188.00, HEM+, PAT, MOD, -, -, -, Moderate patchy hem alteration dominantly occuring at vein contacts or in margins

165.00, 188.00, EPD+, SPO, MOD, -, -, -, Moderate spotted epidote alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

185.00, 188.00, BRR, WEAK, -, -, -, -, Weak broken/fractured core into 5-10cm thick pieces

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

144.00, 151.00, CalChl, 15.00, -, -, -, -, -, -, -, -, -, -, 15% chaotic and irregular cal-chl veinning with minor qtz dominantly trending at shallow angle to core

151.00, 188.00, CalChl, 3.00, -, -, -, -, -, -, -, -, -, -, 3-5% irregular, chaotic, patchy cal-chl veinning with hem alteration at contacts or in margins

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120261 | 149.0 | 150.5 | 1.5 | 0.081 | | | | 2.77 |
| CAOND120262 | 150.5 | 152.0 | 1.5 | 1.170 | | | | 2.78 |
| CAOND120263 | 152.0 | 153.5 | 1.5 | 0.262 | | | | 2.81 |
| CAOND120264 | 153.5 | 154.5 | 1.0 | 0.132 | | | | 2.82 |
| CAOND120265 | 154.5 | 156.0 | 1.5 | 0.247 | | | | 2.81 |
| CAOND120266 | 156.0 | 157.5 | 1.5 | 0.034 | | | | 2.83 |
| CAOND120267 | 157.5 | 159.0 | 1.5 | 0.044 | | | | 2.83 |
| CAOND120268 | 159.0 | 160.5 | 1.5 | 0.038 | | | | 2.83 |
| CAOND120269 | 160.5 | 162.0 | 1.5 | 0.015 | | | | 2.82 |
| CAOND120271 | 162.0 | 163.5 | 1.5 | 0.022 | | | | 2.79 |
| CAOND120272 | 163.5 | 165.0 | 1.5 | 0.022 | | | | 2.82 |
| CAOND120273 | 165.0 | 166.5 | 1.5 | 0.060 | | | | 2.82 |
| CAOND120274 | 166.5 | 168.0 | 1.5 | 0.036 | | | | 2.84 |
| CAOND120276 | 168.0 | 169.5 | 1.5 | 0.166 | | | | 2.83 |
| CAOND120277 | 169.5 | 171.0 | 1.5 | 0.076 | | | | 2.84 |
| CAOND120278 | 171.0 | 172.5 | 1.5 | 0.052 | | | | 2.83 |
| CAOND120279 | 172.5 | 174.0 | 1.5 | 0.138 | | | | 2.82 |
| CAOND120281 | 174.0 | 175.5 | 1.5 | 0.133 | | | | 2.84 |
| CAOND120282 | 175.5 | 177.0 | 1.5 | 0.240 | | | | 2.84 |
| CAOND120283 | 177.0 | 178.5 | 1.5 | 0.176 | | | | 2.83 |
| CAOND120284 | 178.5 | 180.0 | 1.5 | 0.056 | | | | 2.82 |
| CAOND120285 | 180.0 | 181.5 | 1.5 | 0.103 | | | | 2.83 |
| CAOND120286 | 181.5 | 183.0 | 1.5 | 0.037 | | | | 2.82 |
| CAOND120287 | 183.0 | 184.5 | 1.5 | 0.013 | | | | 2.83 |
| CAOND120288 | 184.5 | 186.0 | 1.5 | 0.046 | | | | 2.82 |
| CAOND120289 | 186.0 | 187.0 | 1.0 | 0.191 | | | | 2.80 |
| CAOND120291 | 187.0 | 188.0 | 1.0 | 0.165 | | | | 2.80 |

**Major:** **From:** 188.00 **To:** 193.00 CTZ, Contact Zone

Gradational contact zone between a green spotted trachyte and mudsonte. This interval is medium to dark green to greenish grey very fine and fine grained with local bedding observed. appears to be a melange / alterenating minor intervals of each lithology

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

188.00, 193.00, PYR, DIS, 1.00, -, FGR, 1% fine grained dissminated Py

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120292 | 188.0 | 189.5 | 1.5 | 0.056 | | | | 2.71 |
| CAOND120293 | 189.5 | 191.0 | 1.5 | 0.080 | | | | 2.73 |
| CAOND120294 | 191.0 | 192.0 | 1.0 | 0.190 | | | | 2.70 |
| CAOND120295 | 192.0 | 193.0 | 1.0 | 0.105 | | | | 2.73 |

**Hole number:** KLUC19-531

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
188.00, 193.00, BRR, WEAK, -, -, -, -, Weak broken/fractured core into 5-10cm thick pieces

**Major: From:** 193.00 **To:** 197.70 S7E, Mudstone

Composition: Dark green to dark grey, very fine grained with local bedding; S7E - mudstone. Magnetism: Weakly magnetic. Veinning: Trace mm scale microfrature filled calcite. Structure: Bedding locally observed at 40-50 TCA. Alteration: unaltered? Mineralization: 0.5% very fine grained Py mienralization observed locally. Lower Contact: Sharp but irregular and brecciated.

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
193.00, 197.70, BRR, WEAK, -, -, -, -, Weak broken/fractured core into 5-10cm thick pieces
193.00, 197.70, BED, WEAK, 40.00, -, -, -, Weak bedding observed locally at 40-50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120296 | 193.0 | 194.5 | 1.5 | 0.283 | | | | 2.71 |
| CAOND120297 | 194.5 | 196.0 | 1.5 | 0.024 | | | | 2.71 |
| CAOND120298 | 196.0 | 196.8 | 0.8 | 0.136 | | | | 2.72 |
| CAOND120299 | 196.8 | 197.7 | 0.9 | 0.112 | | | | 2.70 |

**Major: From:** 197.70 **To:** 205.80 V9, Tuf

Composition: Pink tuffaceous unit. Medium pink to purplish pink, fine grained, relatively massive; V9 - tuff Magnetism: Weakly magnetic Veinning: 2-3% mm scale qtz-cal-chl veinning trending at shallow angle to core axis. Structure: Undeformed. Alteration: Weak pervasive calcite alteration, moderate pervasive kspar or hem alteration? Mineralization: 15% very fine grained Py mineralization. Lower Contact: Sharp but wavy and irregular.

**MINOR INTERVAL**
201.60 - 201.90: S130cm thick interval of pebble supported polymitic conglomerate

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
197.70, 205.80, PYR, DIS, 15.00, -, FGR, 15% very fine to fine grained disseminated Py mineralization

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
197.70, 205.80, KFS+, PEN, MOD, -, -, -, Moderate pervasive kspar alteration?

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
197.70, 198.00, BRR, WEAK, -, -, -, -, Weak broken/fractured core into 5-10cm thick pieces

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120301 | 197.7 | 199.0 | 1.3 | 0.047 | | | | 2.51 |
| CAOND120302 | 199.0 | 200.5 | 1.5 | 0.046 | | | | 2.67 |
| CAOND120303 | 200.5 | 201.6 | 1.1 | 0.029 | | | | 2.55 |
| CAOND120304 | 201.6 | 202.1 | 0.5 | 0.066 | | | | 2.53 |
| CAOND120305 | 202.1 | 203.0 | 0.9 | 0.034 | | | | 2.62 |
| CAOND120306 | 203.0 | 204.5 | 1.5 | 0.046 | | | | 2.64 |
| CAOND120307 | 204.5 | 205.8 | 1.3 | 0.042 | | | | 2.61 |

**Major: From:** 205.80 **To:** 209.30 S1, CONGLOMÉRAT

Composition: Multi-coloured, pebbly supported polymitic conglomerate, pebbles are dominantly rounded and local elongated, 0.5-5cm in size; S1 - Conglomerate. Magnetism: Strongly magnetic. Veinning: TRace mm scale irregular calcite veinlets. Structure: Undeformed. Alteration: Variable. Mineralization: 1-2% fine grained dissemianted and clustered Py mineralization. Lower Contact: Sharp but irregular.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120308 | 205.8 | 207.0 | 1.2 | 0.045 | | | | 2.62 |
| CAOND120309 | 207.0 | 208.0 | 1.0 | 0.113 | | | | 2.64 |
| CAOND120310 | 208.0 | 209.3 | 1.3 | 0.090 | | | | 2.64 |

## Hole number: KLUC19-531

**Major:** **From:** 209.30 **To:** 211.50 V9, Tuf

Composition: Pink tuffaceous unit. Medium pink to purplish pink, fine grained, relatively massive; V9 - tuff Magnetism: Weakly magnetic Veinning: Trace mm scale calcite microfractures. Structure: Undeformed. Alteration: Weak pervasive calcite alteration, moderate pervasive kspar or hem alteration? Mineralization: 5% very fine grained Py mineralization. Lower Contact: Sharp but wavy and irregular.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

209.30, 211.50, PYR, DIS, 5.00, -, FGR, 5% fine grained dissminated Py

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

209.30, 211.50, KFS+, PEN, MOD, -, -, -, Moderate pervasive kspar alteration?

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120311 | 209.3 | 210.0 | 0.7 | 0.013 | | | | 2.59 |
| CAOND120312 | 210.0 | 211.5 | 1.5 | 0.054 | | | | 2.70 |

**Major:** **From:** 211.50 **To:** 213.80 I2Dp, Porphyritic Syenite

Composition: Dark purple fine grained matrix with 30-40% medium grained elongated phenocrysts, porphyritic; I2Dp - Syenite porphyry Magnetism: Moderately magnetic. Veinning: Rare microfracture filled calcite. Structure: Undeformed. Alteration: Unaltered. Mineralization: 1-2% fine grained disseminated Py mineralization. Lower Contact: Sharp but irregular.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

211.50, 213.80, PYR, DIS, 1.00, -, FGR, 1-2% fine grained disseminated Py

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120313 | 211.5 | 212.6 | 1.1 | 0.196 | | | | 2.67 |
| CAOND120314 | 212.6 | 213.8 | 1.2 | 0.144 | | | | 2.65 |

**Major:** **From:** 213.80 **To:** 214.90 V9, Tuf

Composition: Pink tuffaceous unit. Medium pink to purplish pink, fine grained, relatively massive; V9 - tuff Magnetism: Weakly magnetic Veinning: 1% mm scale qtz and qtz-cal veinlets. Structure: Undeformed. Alteration: Weak pervasive calcite alteration, moderate pervasive kspar or hem alteration? Mineralization: 20-25% very fine grained Py mineralization. Lower Contact: Sharp but wavy and irregular.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

213.80, 214.90, PYR, DIS, 20.00, -, FGR, 20-25% fine grained dissemianted Py

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120316 | 213.8 | 214.9 | 1.1 | 0.072 | | | | 2.63 |

**Major:** **From:** 214.90 **To:** 217.00 S1, CONGLOMÉRAT

Composition: Multi-coloured, pebbly supported polymitic conglomerate, pebbles are dominantly rounded and local elongated, 0.5-5cm in size; S1 - Conglomerate. Magnetism: Strongly magnetic. Veinning: TRace mm scale irregular calcite veinlets. Structure: Undeformed. Alteration: Variable. Mineralization: 5% fine grained dissemianted and clustered Py mineralization. Lower Contact: Sharp but irregular.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

214.90, 217.00, PYR, DIS, 5.00, -, -, 1-2% fine grained disseminated and clustered Py

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120317 | 214.9 | 215.9 | 1.0 | 0.142 | | | | 2.64 |
| CAOND120318 | 215.9 | 217.0 | 1.1 | 0.100 | | | | 2.73 |

## Hole number: KLUC19-531

**Major:** **From:** 217.00 **To:** 221.60 V9, Tuf

Composition: Medium to dark purplish green gradually changing to dark purplish red, fine to medium grainedgrained, relatively massive; V9 - tuff Magnetism: Weakly magnetic Veinning: 2-3% mm scale qtz and qtz-cal veinlets. Structure: Undeformed. Alteration: Weak pervasive calcite alteration, moderate pervasive kspar or hem alteration? Mineralization: 2-3% very fine grained Py mineralization. Lower Contact: Sharp but wavy and irregular. Minor unit: 220.1-220.3m = Py mineralized conglomerate

**MINOR INTERVAL**

220.10 - 220.30: S120cm thick minor interval of Py mineralized conglomerate.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

217.00, 221.60, PYR, DIS, 2.00, -, FGR, 2-3% fine grained dissemianted Py

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120319 | 217.0 | 218.5 | 1.5 | 0.164 | | | | 2.69 |
| CAOND120321 | 218.5 | 220.0 | 1.5 | 0.361 | | | | 2.74 |
| CAOND120322 | 220.0 | 220.5 | 0.5 | 0.040 | | | | 2.66 |
| CAOND120323 | 220.5 | 221.6 | 1.1 | 0.061 | | | | 2.64 |

**Major:** **From:** 221.60 **To:** 235.90 S1, CONGLOMÉRAT

Composition: Multi-coloured, pebble supported polymitic conglomerate, pebbles are dominantly rounded and local elongated, sizes variable (0.5-10cm); S1 - Conglomerate. Magnetism: Strongly magnetic. Veinning: 1-2% mm scale irregular calcite veinlets. Structure: Undeformed. 230-235.9m = possible moderate deformation zone? Alteration: Variable. Mineralization: 3-5% fine and medium grained Py occuring as randomly distributed clusters in matrix, at contacts of pebbles and locally within pebbles. Lower Contact: Sharp but irregular.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

221.60, 235.90, PYR, PAT, 3.00, -, -, 3-5% fine and medium grained Py occuring as randomly distributed clusters in matrix, at contacts of pebbles and locally within pebbles.

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

230.00, 235.90, DFZ, MOD, -, -, -, -, Moderate chaotic and brittle? deofrmaiton zone with increase in fracturing and alteration intensity

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

235.50, 235.90, QTZ, 2.00, -, -, -, -, -, -, -, -, 2-3% mm scale qtz veinning and microfracture filled calcite

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120324 | 221.6 | 223.0 | 1.4 | 0.085 | | | | 2.71 |
| CAOND120326 | 223.0 | 224.5 | 1.5 | 0.088 | | | | 2.68 |
| CAOND120327 | 224.5 | 226.0 | 1.5 | 0.059 | | | | 2.67 |
| CAOND120328 | 226.0 | 227.5 | 1.5 | 0.137 | | | | 2.67 |
| CAOND120329 | 227.5 | 229.0 | 1.5 | 0.028 | | | | 2.69 |
| CAOND120331 | 229.0 | 230.5 | 1.5 | 0.075 | | | | 2.75 |
| CAOND120332 | 230.5 | 232.0 | 1.5 | 0.043 | | | | 2.71 |
| CAOND120333 | 232.0 | 233.5 | 1.5 | 0.051 | | | | 2.71 |
| CAOND120334 | 233.5 | 234.5 | 1.0 | 0.031 | | | | 2.70 |
| CAOND120335 | 234.5 | 235.9 | 1.4 | 0.049 | | | | 2.65 |

**Major:** **From:** 235.90 **To:** 240.00 V9, Tuf

Composition: Medium to dark red with minor dark grey, fine to medium grained, relatively massive and equigranular. 2-3% randomly distributed rounded sediment pebbles; V9 - tuff Magnetism: non magnetic Veinning: 2-3% mm scale qtz veinning and calcite filled microfractures at 80-90 TCA. Structure: Undeformed. Alteration: Weak pervasive calcite alteration, moderate pervasive kspar or hem alteration? Mineralization: 5-10% very fine grained disseminated Py mineralization. Lower Contact: Sharp but

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120336 | 235.9 | 237.0 | 1.1 | 0.079 | | | | 2.68 |
| CAOND120337 | 237.0 | 238.5 | 1.5 | 0.058 | | | | 2.69 |
| CAOND120338 | 238.5 | 240.0 | 1.5 | 0.035 | | | | 2.66 |

**Hole number:** KLUC19-531

wavy and irregular.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

235.90, 240.00, PYR, DIS, 5.00, -, FGR, 5-10% fine grained disseminated Py

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

235.90, 240.00, HEM+, PEN, MOD, -, -, -, Moderate pervasive hem alteration

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS

235.90, 240.00, QTZ, 2.00, -, -, -, -, -, -, -, -, 2-3% mm scale qtz veinning and microfracture filled calcite

**Major:** **From:** 240.00 **To:** 252.50 S1, CONGLOMÉRAT

Composition: Multi-coloured, pebble supported polymitic conglomerate, pebbles are dominantly rounded and local elongated, sizes variable (0.5-10cm); S1 - Conglomerate. Magnetism: Strongly magnetic but its patchy. Veinning: 1-2% mm scale irregular calcite veinlets and 1% pale grey mineralized qtz veins. Structure: Undeformed. Alteration: Variable. Mineralization: 3-5% fine and medium grained Py occuring as randomly distributed clusters in matrix, at contacts of pebbles and locally within pebbles. 5-8% fine grained dissemianted Py in minor pink tuffaceous units Lower Contact: Sharp but irregular. Minor units: 245.2-245.8m = pink tuff? 246.7-246.9m = pink tuff? 249.6-250.1m = pink tuff?

**MINOR INTERVAL**

245.20 - 245.80: V9Minor dark purple pink tuffaceous unit with 5-8% fine grained dissemianted Py

**MINOR INTERVAL**

246.70 - 246.90: V9Minor dark purple pink tuffaceous unit with 5-8% fine grained dissemianted Py

**MINOR INTERVAL**

249.60 - 250.10: V9Minor dark purple pink tuffaceous unit with 5-8% fine grained dissemianted Py

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

240.00, 252.50, PYR, PAT, 3.00, -, -, 3-5% fine and medium grained Py occuring as randomly distributed clusters in matrix, at contacts of pebbles and locally within pebbles. 5-8% fine grained dissemianted Py in minor pink tuffaceous units

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS

247.10, 247.20, QTZ, 20.00, -, -, -, -, -, -, -, PYR, 25.00, 2cm thick pale grey qtz vein with 25% medium grained clustered Py

247.80, 247.90, QTZ, 90.00, -, -, -, -, -, -, -, PYR, 2.00, 10cm thick pale grey qtz vein with 20% host rock / lenses of alteration. 2-3% fine and medium grained py occuring in parallel clusters in vein

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120339 | 240.0 | 241.5 | 1.5 | 0.032 | | | | 2.71 |
| CAOND120340 | 241.5 | 243.0 | 1.5 | 0.025 | | | | 2.68 |
| CAOND120341 | 243.0 | 244.5 | 1.5 | 0.022 | | | | 2.69 |
| CAOND120342 | 244.5 | 245.2 | 0.7 | 0.038 | | | | 2.71 |
| CAOND120343 | 245.2 | 245.8 | 0.6 | 0.022 | | | | 2.70 |
| CAOND120344 | 245.8 | 246.5 | 0.7 | 0.029 | | | | 2.69 |
| CAOND120346 | 246.5 | 247.0 | 0.5 | 0.055 | | | | 2.72 |
| CAOND120347 | 247.0 | 248.5 | 1.5 | 0.198 | | | | 2.64 |
| CAOND120348 | 248.5 | 249.6 | 1.1 | 0.128 | | | | 2.59 |
| CAOND120349 | 249.6 | 250.1 | 0.5 | 0.044 | | | | 2.57 |
| CAOND120351 | 250.1 | 251.5 | 1.4 | 0.092 | | | | 2.61 |
| CAOND120352 | 251.5 | 252.5 | 1.0 | 0.046 | | | | 2.64 |

**Hole number:** KLUC19-531

**Major:** **From:** 252.50 **To:** 274.20 V9, Tuf

Composition: Medium orangish red with minor intervals of dark purplish grey, fine grained, relatively massive and equigranular; V9 - tuff Magnetism: non magnetic Veinning: 2% mm scale qtz veinning at no preferred orientation and 1x 15cm thick qtz vein and 1% microfracutred filled calcite. Structure: Undeformed. Alteration: Weak pervasive calcite alteration, moderate pervasive kspar or hem alteration? Mineralization: 5-10% very fine grained disseminated Py mineralization. Lower Contact: Sharp and straight; oriented at 45 TCA

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

252.50, 274.20, PYR, DIS, 5.00, -, FGR, 5-10% fine grained dissemianted Py mineralization

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

252.50, 274.20, HEM+, PEN, MOD, -, -, -, Moderate to strong pervasive hem alteration

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

252.50, 265.80, QTZ, 2.00, -, -, -, -, -, -, -, -, -, 2% 2-3mm thick qtz veinning at no preferred orientation
265.80, 266.20, QTZ, 80.00, -, -, -, -, -, -, -, -, -, 15cm thick pale grey qtz vein trending at 10 TCA
266.20, 274.20, QTZ, 1.00, -, -, -, -, -, -, -, -, -, 1% 2-3mm thick qtz veinning at no preferred orientation but generally trending at 0-10 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120353 | 252.5 | 254.0 | 1.5 | 0.019 | | | | 2.58 |
| CAOND120354 | 254.0 | 255.5 | 1.5 | 0.015 | | | | 2.64 |
| CAOND120355 | 255.5 | 257.0 | 1.5 | 0.016 | | | | 2.65 |
| CAOND120356 | 257.0 | 258.5 | 1.5 | 0.024 | | | | 2.65 |
| CAOND120357 | 258.5 | 260.0 | 1.5 | 0.034 | | | | 2.65 |
| CAOND120358 | 260.0 | 261.5 | 1.5 | 0.019 | | | | 2.64 |
| CAOND120359 | 261.5 | 263.0 | 1.5 | 0.016 | | | | 2.67 |
| CAOND120361 | 263.0 | 264.0 | 1.0 | 0.024 | | | | 2.64 |
| CAOND120362 | 264.0 | 265.5 | 1.5 | 0.009 | | | | 2.68 |
| CAOND120363 | 265.5 | 266.6 | 1.1 | 0.012 | | | | 2.64 |
| CAOND120364 | 266.6 | 268.0 | 1.4 | 0.021 | | | | 2.64 |
| CAOND120365 | 268.0 | 269.5 | 1.5 | 0.018 | | | | 2.68 |
| CAOND120366 | 269.5 | 271.0 | 1.5 | 0.025 | | | | 2.66 |
| CAOND120367 | 271.0 | 272.0 | 1.0 | 0.013 | | | | 2.65 |
| CAOND120368 | 272.0 | 273.0 | 1.0 | 0.029 | | | | 2.67 |
| CAOND120369 | 273.0 | 274.2 | 1.2 | 0.030 | | | | 2.66 |

**Major:** **From:** 274.20 **To:** 300.00 V8Porph, Trachyte porphyrytic

Composition: Dark grey to greenish grey fine grained matrix with 10-15% medium grained subhedral phenocrysts, porphyrytic; V8porph - Trachyte porphyry. Magnetism: Moderately magnetic. Veinning: 2-3% mm scale irregular and discontinuous qtz-cal and cal veinning. Structure: Weak parallel deformation at beginning of interval. Alteration: Moderate to strong pervasive calcite alteration gradually decreasing to weak. Mineralization: 2-3% clustered py mineralization gradually decreasing to 1% with local patches containning 2-3% Py. Lower Contact: Not reached

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

274.20, 279.00, PYR, DIS, 2.00, -, FGR, 2-3% fine grained dissemianted Py mineralization
279.00, 300.00, PYR, DIS, 1.00, -, -, 1% fine grained disseminated Py with local patches containning 2-3% PY

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

274.20, 279.00, CAL+, PEN, MOD, -, -, -, Moderate to strong pervasive calcite alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120371 | 274.2 | 275.5 | 1.3 | 0.032 | | | | 2.73 |
| CAOND120372 | 275.5 | 277.0 | 1.5 | 0.032 | | | | 2.74 |
| CAOND120373 | 277.0 | 278.5 | 1.5 | 0.034 | | | | 2.72 |
| CAOND120374 | 278.5 | 279.5 | 1.0 | 0.034 | | | | 2.75 |
| CAOND120376 | 279.5 | 281.0 | 1.5 | 0.029 | | | | 2.72 |
| CAOND120377 | 281.0 | 282.5 | 1.5 | 0.035 | | | | 2.74 |
| CAOND120378 | 282.5 | 284.0 | 1.5 | 0.033 | | | | 2.74 |
| CAOND120379 | 284.0 | 285.5 | 1.5 | 0.014 | | | | 2.76 |
| CAOND120381 | 285.5 | 287.0 | 1.5 | 0.015 | | | | 2.77 |
| CAOND120382 | 287.0 | 288.5 | 1.5 | 0.016 | | | | 2.79 |
| CAOND120383 | 288.5 | 290.0 | 1.5 | 0.023 | | | | 2.80 |
| CAOND120384 | 290.0 | 291.5 | 1.5 | 0.009 | | | | 2.79 |
| CAOND120385 | 291.5 | 293.0 | 1.5 | 0.015 | | | | 2.82 |
| CAOND120386 | 293.0 | 294.5 | 1.5 | 0.014 | | | | 2.78 |

**Hole number:** KLUC19-531

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120387 | 294.5 | 296.0 | 1.5 | 0.117 | | | | 2.79 |
| CAOND120388 | 296.0 | 297.5 | 1.5 | 0.058 | | | | 2.79 |
| CAOND120389 | 297.5 | 299.0 | 1.5 | 0.008 | | | | 2.79 |
| CAOND120391 | 299.0 | 300.0 | 1.0 | 0.077 | | | | 2.78 |

**Geochemical sample**

| Sample | From | To | Ag gpt | Al2O3 Pct | Ba ppm | CaO Pct | Cu ppm | CO2 Pct | Cr ppm | Fe2O3 Pct | K2O Pct | LOI pct | MgO pct | MnO pct | Mo ppm | Na2O pct | Ni ppm | P2O5 pct |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Pb ppm | Rb ppm | SiO2 pct | Sr ppm | Tb ppm | Tm ppm | TiO2 pct | Tl ppm | Total pct | U ppm | V ppm | W ppm | Y ppm | Yb ppm | Zn ppm | Zr ppm |
| CAOND119082 | 11.4 | 11.5 | 0.3 | 13.90 | 592.00 | 7.08 | 2.00 | | 120.00 | 10.05 | 1.69 | 2.0 | 6.3 | 0.1 | 0.5 | 4.8 | 32.0 | 0.6 |
| | | | 3.0 | 48.2 | 51.4 | 974.0 | 0.76 | 0.29 | 1.0 | 10.00 | 99.2 | 1.4 | 164.0 | 2.0 | 19.8 | 1.8 | 66.0 | 128.0 |
| CAOND119083 | 48.6 | 48.7 | 0.3 | 13.75 | 957.00 | 6.68 | 18.00 | | 160.00 | 10.70 | 2.45 | 2.3 | 6.2 | 0.1 | 1.0 | 4.5 | 34.0 | 0.6 |
| | | | 1.0 | 67.4 | 51.7 | 714.0 | 1.01 | 0.39 | 1.0 | 5.00 | 100.1 | 1.8 | 221.0 | 4.0 | 25.3 | 2.3 | 66.0 | 168.0 |
| CAOND119084 | 62.5 | 62.7 | 0.3 | 13.40 | 2,270.00 | 7.51 | 162.00 | | 160.00 | 10.25 | 3.18 | 5.6 | 6.1 | 0.2 | 1.0 | 3.8 | 32.0 | 0.6 |
| | | | 3.0 | 130.5 | 48.5 | 1 185.0 | 1.01 | 0.35 | 1.0 | 5.00 | 100.4 | 2.0 | 222.0 | 2.0 | 25.2 | 2.3 | 76.0 | 170.0 |
| CAOND119085 | 92.8 | 92.9 | 0.3 | 14.60 | 1,570.00 | 3.53 | 6.00 | | 140.00 | 4.90 | 5.05 | 4.5 | 3.1 | 0.1 | 1.0 | 5.1 | 28.0 | 0.3 |
| | | | 7.0 | 134.5 | 56.9 | 748.0 | 0.50 | 0.20 | 0.4 | 5.00 | 98.8 | 3.0 | 111.0 | 7.0 | 13.1 | 1.3 | 41.0 | 135.0 |
| CAOND119086 | 111.0 | 111.1 | 0.3 | 12.55 | 962.00 | 6.88 | 6.00 | | 140.00 | 9.46 | 3.95 | 6.6 | 5.7 | 0.1 | 4.0 | 2.8 | 30.0 | 0.5 |
| | | | 3.0 | 132.0 | 48.1 | 668.0 | 0.70 | 0.27 | 0.9 | 5.00 | 97.8 | 1.6 | 159.0 | 14.0 | 20.1 | 1.8 | 61.0 | 132.0 |
| CAOND119087 | 127.0 | 127.1 | 0.3 | 13.50 | 1,140.00 | 5.51 | 89.00 | | 170.00 | 10.30 | 2.51 | 5.3 | 6.2 | 0.1 | 1.0 | 4.0 | 33.0 | 0.5 |
| | | | 1.0 | 107.0 | 50.0 | 461.0 | 0.94 | 0.34 | 1.0 | 5.00 | 99.1 | 1.8 | 224.0 | 3.0 | 26.3 | 2.2 | 76.0 | 149.0 |
| CAOND119088 | 144.2 | 144.3 | 0.3 | 15.05 | 1,475.00 | 4.47 | 8.00 | | 180.00 | 10.15 | 4.01 | 4.7 | 5.8 | 0.1 | 0.5 | 3.8 | 32.0 | 0.5 |
| | | | 1.0 | 109.5 | 50.2 | 471.0 | 0.91 | 0.34 | 1.1 | 10.00 | 100.1 | 2.2 | 230.0 | 5.0 | 25.8 | 2.3 | 79.0 | 176.0 |
| CAOND119089 | 175.3 | 175.4 | 0.3 | 13.90 | 1,330.00 | 6.49 | 23.00 | | 150.00 | 9.55 | 3.22 | 1.9 | 5.4 | 0.2 | 1.0 | 4.4 | 26.0 | 0.5 |
| | | | 1.0 | 74.1 | 52.0 | 1 105.0 | 0.82 | 0.34 | 0.9 | 5.00 | 98.8 | 2.0 | 207.0 | 2.0 | 22.5 | 2.1 | 75.0 | 162.0 |
| CAOND119090 | 196.2 | 196.3 | 0.3 | 17.30 | 1,030.00 | 1.57 | 22.00 | | 240.00 | 6.08 | 5.91 | 2.2 | 3.4 | 0.1 | 2.0 | 4.6 | 109.0 | 0.2 |
| | | | 2.0 | 134.5 | 59.5 | 249.0 | 0.54 | 0.22 | 0.7 | 10.00 | 101.6 | 1.7 | 146.0 | 5.0 | 15.8 | 1.4 | 25.0 | 128.0 |
| CAOND119091 | 200.4 | 200.5 | 0.3 | 10.30 | 1,065.00 | 2.83 | 5.00 | | 110.00 | 4.05 | 7.62 | 3.0 | 2.1 | 0.1 | 1.0 | 0.2 | 52.0 | 0.1 |
| | | | 1.0 | 151.0 | 68.0 | 255.0 | 0.25 | 0.13 | 0.3 | 5.00 | 98.6 | 2.9 | 63.0 | 2.0 | 9.0 | 0.9 | 27.0 | 177.0 |
| CAOND119092 | 211.7 | 211.9 | 0.3 | 15.25 | 1,075.00 | 3.34 | 18.00 | | 100.00 | 7.89 | 3.41 | 2.5 | 2.5 | 0.1 | 0.5 | 6.3 | 28.0 | 0.2 |
| | | | 2.0 | 75.2 | 57.9 | 1 190.0 | 0.46 | 0.21 | 0.4 | 5.00 | 100.1 | 3.8 | 128.0 | 3.0 | 14.2 | 1.4 | 33.0 | 161.0 |

## Hole number: KLUC19-531

| Sample | From | To | Ag gpt / Pb ppm | Al2O3 Pct / Rb ppm | Ba ppm / SiO2 pct | CaO Pct / Sr ppm | Cu ppm / Tb ppm | CO2 Pct / Tm ppm | Cr ppm / TiO2 pct | Fe2O3 Pct / Tl ppm | K2O Pct / Total pct | LOI pct / U ppm | MgO pct / V ppm | MnO pct / W ppm | Mo ppm / Y ppm | Na2O pct / Yb ppm | Ni ppm / Zn ppm | P2O5 pct / Zr ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CAOND119093 | 214.4 | 214.5 | 0.3 | 10.60 | 1,585.00 | 1.90 | 14.00 | | 130.00 | 3.87 | 8.01 | 2.1 | 1.7 | 0.1 | 2.0 | 0.2 | 60.0 | 0.1 |
| | | | 2.0 | 133.5 | 70.4 | 783.0 | 0.32 | 0.17 | 0.4 | 5.00 | 99.6 | 2.5 | 61.0 | 3.0 | 9.7 | 1.0 | 24.0 | 135.0 |
| CAOND119094 | 218.8 | 218.9 | 0.3 | 15.55 | 1,920.00 | 2.62 | 4.00 | | 130.00 | 7.72 | 4.16 | 2.5 | 4.2 | 0.1 | 3.0 | 4.7 | 32.0 | 0.4 |
| | | | 1.0 | 90.8 | 56.5 | 857.0 | 0.73 | 0.29 | 0.6 | 10.00 | 99.3 | 3.0 | 179.0 | 2.0 | 21.4 | 2.2 | 54.0 | 171.0 |
| CAOND119095 | 239.9 | 240.0 | 0.3 | 11.00 | 861.00 | 4.16 | 25.00 | | 130.00 | 4.97 | 9.16 | 6.4 | 2.9 | 0.1 | 5.0 | 0.4 | 49.0 | 0.1 |
| | | | 5.0 | 162.0 | 60.1 | 283.0 | 0.24 | 0.14 | 0.4 | 5.00 | 99.9 | 2.9 | 82.0 | 4.0 | 8.6 | 1.0 | 20.0 | 133.0 |
| CAOND119096 | 269.9 | 270.0 | 0.3 | 11.40 | 1,060.00 | 2.72 | 13.00 | | 130.00 | 3.80 | 9.51 | 3.9 | 1.9 | 0.1 | 28.0 | 0.2 | 49.0 | 0.1 |
| | | | 9.0 | 171.0 | 67.3 | 642.0 | 0.42 | 0.19 | 0.4 | 5.00 | 101.5 | 3.5 | 64.0 | 4.0 | 12.4 | 1.2 | 36.0 | 155.0 |
| CAOND119097 | 275.8 | 275.9 | 0.3 | 14.10 | 767.00 | 5.55 | 8.00 | | 150.00 | 8.14 | 3.37 | 6.6 | 3.9 | 0.1 | 33.0 | 4.8 | 46.0 | 0.3 |
| | | | 14.0 | 97.3 | 51.7 | 580.0 | 0.49 | 0.21 | 0.5 | 5.00 | 99.1 | 2.4 | 126.0 | 9.0 | 15.0 | 1.6 | 60.0 | 130.0 |
| CAOND119098 | 299.8 | 299.9 | 0.3 | 14.15 | 1,485.00 | 4.41 | 25.00 | | 210.00 | 8.03 | 3.15 | 2.1 | 4.6 | 0.1 | 1.0 | 4.9 | 43.0 | 0.3 |
| | | | 3.0 | 83.9 | 53.1 | 1 315.0 | 0.60 | 0.27 | 0.6 | 5.00 | 95.7 | 2.5 | 174.0 | 2.0 | 18.1 | 2.0 | 48.0 | 157.0 |

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 4.0 | 6.0 | 60.00 | 100.00 | | | N | |
| 6.0 | 9.0 | 85.00 | 100.00 | | | N | |
| 9.0 | 12.0 | 87.00 | 100.00 | | | N | |
| 12.0 | 15.0 | 73.00 | 100.00 | | | N | |
| 15.0 | 18.0 | 97.00 | 100.00 | | | N | |
| 18.0 | 21.0 | 97.00 | 100.00 | | | N | |
| 21.0 | 24.0 | 98.00 | 100.00 | | | N | |
| 24.0 | 27.0 | 98.00 | 100.00 | | | N | |
| 27.0 | 30.0 | 100.00 | 100.00 | | | N | |
| 30.0 | 33.0 | 95.00 | 100.00 | | | N | |
| 33.0 | 36.0 | 82.00 | 100.00 | | | N | |
| 36.0 | 39.0 | 67.00 | 100.00 | | | N | |
| 39.0 | 42.0 | 83.00 | 100.00 | | | N | |
| 42.0 | 45.0 | 73.00 | 100.00 | | | N | |

**Hole number:** KLUC19-531

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 45.0 | 48.0 | 57.00 | 100.00 | | | N | |
| 48.0 | 51.0 | 97.00 | 100.00 | | | N | |
| 51.0 | 54.0 | 100.00 | 100.00 | | | N | |
| 54.0 | 57.0 | 98.00 | 100.00 | | | N | |
| 57.0 | 60.0 | 100.00 | 100.00 | | | N | |
| 60.0 | 63.0 | 98.00 | 100.00 | | | N | |
| 63.0 | 66.0 | 100.00 | 100.00 | | | N | |
| 66.0 | 69.0 | 100.00 | 100.00 | | | N | |
| 69.0 | 72.0 | 100.00 | 100.00 | | | N | |
| 72.0 | 75.0 | 100.00 | 100.00 | | | N | |
| 75.0 | 78.0 | 97.00 | 100.00 | | | N | |
| 78.0 | 81.0 | 100.00 | 100.00 | | | N | |
| 81.0 | 84.0 | 100.00 | 100.00 | | | N | |
| 84.0 | 87.0 | 100.00 | 100.00 | | | N | |
| 87.0 | 90.0 | 100.00 | 100.00 | | | N | |
| 90.0 | 93.0 | 98.00 | 100.00 | | | N | |
| 93.0 | 96.0 | 95.00 | 100.00 | | | N | |
| 96.0 | 99.0 | 100.00 | 100.00 | | | N | |
| 99.0 | 102.0 | 100.00 | 100.00 | | | N | |
| 102.0 | 105.0 | 100.00 | 100.00 | | | N | |
| 105.0 | 108.0 | 97.00 | 100.00 | | | N | |
| 108.0 | 111.0 | 93.00 | 100.00 | | | N | |
| 111.0 | 114.0 | 78.00 | 100.00 | | | N | |
| 114.0 | 117.0 | 92.00 | 100.00 | | | N | |
| 117.0 | 120.0 | 97.00 | 100.00 | | | N | |
| 120.0 | 123.0 | 100.00 | 100.00 | | | N | |
| 123.0 | 126.0 | 100.00 | 100.00 | | | N | |
| 126.0 | 129.0 | 90.00 | 100.00 | | | N | |

**Hole number:** KLUC19-531

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 129.0 | 132.0 | 83.00 | 100.00 | | | N | |
| 132.0 | 135.0 | 93.00 | 100.00 | | | N | |
| 135.0 | 138.0 | 80.00 | 100.00 | | | N | |
| 138.0 | 141.0 | 98.00 | 100.00 | | | N | |
| 141.0 | 144.0 | 100.00 | 100.00 | | | N | |
| 144.0 | 147.0 | 100.00 | 100.00 | | | N | |
| 147.0 | 150.0 | 97.00 | 100.00 | | | N | |
| 150.0 | 153.0 | 93.00 | 100.00 | | | N | |
| 153.0 | 156.0 | 97.00 | 100.00 | | | N | |
| 156.0 | 159.0 | 78.00 | 100.00 | | | N | |
| 159.0 | 162.0 | 97.00 | 100.00 | | | N | |
| 162.0 | 165.0 | 90.00 | 100.00 | | | N | |
| 165.0 | 168.0 | 100.00 | 100.00 | | | N | |
| 168.0 | 171.0 | 100.00 | 100.00 | | | N | |
| 171.0 | 174.0 | 100.00 | 100.00 | | | N | |
| 174.0 | 177.0 | 98.00 | 100.00 | | | N | |
| 177.0 | 180.0 | 100.00 | 100.00 | | | N | |
| 180.0 | 183.0 | 100.00 | 100.00 | | | N | |
| 183.0 | 186.0 | 68.00 | 100.00 | | | N | |
| 186.0 | 189.0 | 60.00 | 100.00 | | | N | |
| 189.0 | 192.0 | 80.00 | 100.00 | | | N | |
| 192.0 | 195.0 | 60.00 | 100.00 | | | N | |
| 195.0 | 198.0 | 70.00 | 100.00 | | | N | |
| 198.0 | 201.0 | 92.00 | 100.00 | | | N | |
| 201.0 | 204.0 | 97.00 | 100.00 | | | N | |
| 204.0 | 207.0 | 75.00 | 100.00 | | | N | |
| 207.0 | 210.0 | 87.00 | 100.00 | | | N | |
| 210.0 | 213.0 | 77.00 | 100.00 | | | N | |

**Hole number:** KLUC19-531

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 213.0 | 216.0 | 93.00 | 100.00 | | | N | |
| 216.0 | 219.0 | 73.00 | 100.00 | | | N | |
| 219.0 | 222.0 | 82.00 | 100.00 | | | N | |
| 222.0 | 225.0 | 90.00 | 100.00 | | | N | |
| 225.0 | 228.0 | 93.00 | 100.00 | | | N | |
| 228.0 | 231.0 | 97.00 | 100.00 | | | N | |
| 231.0 | 234.0 | 80.00 | 100.00 | | | N | |
| 234.0 | 237.0 | 67.00 | 100.00 | | | N | |
| 237.0 | 240.0 | 90.00 | 100.00 | | | N | |
| 240.0 | 243.0 | 97.00 | 100.00 | | | N | |
| 243.0 | 246.0 | 73.00 | 100.00 | | | N | |
| 246.0 | 249.0 | 97.00 | 100.00 | | | N | |
| 249.0 | 252.0 | 100.00 | 100.00 | | | N | |
| 252.0 | 255.0 | 100.00 | 100.00 | | | N | |
| 255.0 | 258.0 | 97.00 | 100.00 | | | N | |
| 258.0 | 261.0 | 97.00 | 100.00 | | | N | |
| 261.0 | 264.0 | 97.00 | 100.00 | | | N | |
| 264.0 | 267.0 | 100.00 | 100.00 | | | N | |
| 267.0 | 270.0 | 100.00 | 100.00 | | | N | |
| 270.0 | 273.0 | 100.00 | 100.00 | | | N | |
| 273.0 | 276.0 | 98.00 | 100.00 | | | N | |
| 276.0 | 279.0 | 100.00 | 100.00 | | | N | |
| 279.0 | 282.0 | 93.00 | 100.00 | | | N | |
| 282.0 | 285.0 | 77.00 | 100.00 | | | N | |
| 285.0 | 288.0 | 98.00 | 100.00 | | | N | |
| 288.0 | 291.0 | 90.00 | 100.00 | | | N | |
| 291.0 | 294.0 | 95.00 | 100.00 | | | N | |
| 294.0 | 297.0 | 97.00 | 100.00 | | | N | |

**Hole number:** KLUC19-531

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 297.0 | 300.0 | 87.00 | 100.00 | | | N | |

AGNICO EAGLE

# DRILL HOLE REPORT

## EXPLORATION CANADA ONTARIO

**Hole number:** KLUC19-532 **Project Number:** U_Canada **Project name:** Upper Canada

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Historic hole number:** | | **Collar survey:** | Y | **From:** | 0.0 | **Coordinates:** | P |
| **System:** | METRIC | **Verified:** | N | **To:** | 504.0 | **Grid:** | UTM83-17_CSRS-2010: |
| **Target:** | UC_NORTHLAND | **Gas:** | N | **Depth:** | 504.0 | **North:** | 5,332,609.96 |
| **No. Claim:** | PAT-18821 | **Multishot survey:** | Y | **Location:** | Surface | **East:** | 585,962.94 |
| **Year:** | 2 019 | **Is making water:** | N | **Core storage:** | Mine Site | **Elevation:** | 370.26 |
| **Date started:** | 2019-02-13 | **Object in hole:** | N | **Contractor:** | Asinii Drilling | **Collar dip:** | -50.71 |
| **Date logged:** | 2019-02-24 | **Pulse EM survey:** | N | **Logged by:** | Melanie Bouchard | **Collar azimuth:** | 345.02 |
| **Date completed:** | 2019-02-23 | **Plugged:** | N | **Signature:** | Mélanie Bouchard | | |
| **Core size:** | NQ | **Cemented:** | N | | | | |
| **Hole type:** | EXP | **Branch:** | N | | | | |
| **Casing:** | Left in Hole, capped | **Reserve:** | N | | | | |
| **Logging status:** | Signed | | | | | | |
| **Rig number:** | 2501 | | | | | | |

**Additional sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Proposed hole: UCP19-028. New and improved Asinii II drill Rig: 2501. Targeting: Eastern shallow plunge of Northland zone

**Assay average**

| Average type | From | To | Length | Width | Zone | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Pb_ppm | Ni_ppm | As_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WEIGHTED | 138.0 | 139.3 | 1.3 | | | 1.110 | | | | | | |
| WEIGHTED | 186.5 | 188.0 | 1.5 | | | 1.050 | | | | | | |
| WEIGHTED | 289.5 | 290.7 | 1.2 | | | 6.290 | | | | | | |

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 345.95 | -51.34 | G | | North Seaker Gyro |
| 0.0 | 345.00 | -50.00 | PLANNED | | Planned direction |
| 15.0 | 346.90 | -50.90 | EZ | | 56404 |
| 30.0 | 345.66 | -50.79 | G | O | North Seaker Gyro |
| 45.0 | 344.80 | -50.50 | EZ | | 55443 |
| 60.0 | 345.75 | -50.23 | G | O | North Seaker Gyro |
| 75.0 | 346.30 | -50.10 | EZ | | 54768 |
| 90.0 | 346.11 | -49.85 | G | O | North Seaker Gyro |

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 345.02 | -50.71 | S | O | Surveyed dip and azimuth (true North) |
| 10.0 | 345.65 | -51.11 | G | O | North Seaker Gyro |
| 20.0 | 345.62 | -50.93 | G | O | North Seaker Gyro |
| 40.0 | 345.79 | -50.62 | G | O | North Seaker Gyro |
| 50.0 | 345.74 | -50.35 | G | O | North Seaker Gyro |
| 70.0 | 345.90 | -50.09 | G | O | North Seaker Gyro |
| 80.0 | 346.00 | -49.90 | G | O | North Seaker Gyro |
| 100.0 | 346.18 | -49.78 | G | O | North Seaker Gyro |
| 105.0 | 346.50 | -49.80 | | | |

**Hole number:** KLUC19-532

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 120.0 | 346.37 | -49.66 | G | O | North Seaker Gyro |
| 135.0 | 346.40 | -49.70 | EZ | | 54716 |
| 150.0 | 346.70 | -49.28 | G | O | North Seaker Gyro |
| 165.0 | 346.40 | -49.10 | EZ | | 54855 |
| 180.0 | 346.92 | -48.97 | G | O | North Seaker Gyro |
| 195.0 | 347.40 | -48.70 | EZ | | 55301 |
| 210.0 | 346.92 | -48.60 | G | O | North Seaker Gyro |
| 225.0 | 348.30 | -48.50 | EZ | | 54733 |
| 240.0 | 347.04 | -48.53 | G | O | North Seaker Gyro |
| 255.0 | 145.40 | -47.90 | EZ | | 16852 |
| 270.0 | 347.18 | -48.48 | G | O | North Seaker Gyro |
| 285.0 | 347.60 | -48.40 | EZ | | 55634 |
| 300.0 | 347.22 | -48.39 | G | O | North Seaker Gyro |
| 315.0 | 349.00 | -48.30 | EZ | | 55683 |
| 330.0 | 346.84 | -48.29 | G | O | North Seaker Gyro |
| 345.0 | 346.50 | -48.20 | EZ | | 55288 |
| 360.0 | 346.88 | -48.11 | G | O | North Seaker Gyro |
| 375.0 | 350.80 | -48.00 | EZ | | 55176 |
| 390.0 | 346.90 | -48.03 | G | O | North Seaker Gyro |
| 405.0 | 347.60 | -48.00 | EZ | | 54935 |
| 420.0 | 346.97 | -47.79 | G | O | North Seaker Gyro |
| 435.0 | 347.70 | -47.80 | EZ | | 54683 |
| 450.0 | 347.11 | -47.53 | G | O | North Seaker Gyro |
| 110.0 | 346.30 | -49.72 | G | O | North Seaker Gyro |
| 130.0 | 346.50 | -49.61 | G | O | North Seaker Gyro |
| 140.0 | 346.62 | -49.43 | G | O | North Seaker Gyro |
| 160.0 | 346.70 | -49.15 | G | O | North Seaker Gyro |
| 170.0 | 346.74 | -49.03 | G | O | North Seaker Gyro |
| 190.0 | 347.00 | -48.77 | G | O | North Seaker Gyro |
| 200.0 | 346.93 | -48.67 | G | O | North Seaker Gyro |
| 220.0 | 346.88 | -48.55 | G | O | North Seaker Gyro |
| 230.0 | 346.98 | -48.54 | G | O | North Seaker Gyro |
| 250.0 | 347.02 | -48.50 | G | O | North Seaker Gyro |
| 260.0 | 347.14 | -48.48 | G | O | North Seaker Gyro |
| 280.0 | 347.19 | -48.47 | G | O | North Seaker Gyro |
| 290.0 | 347.13 | -48.39 | G | O | North Seaker Gyro |
| 310.0 | 347.11 | -48.39 | G | O | North Seaker Gyro |
| 320.0 | 346.92 | -48.47 | G | O | North Seaker Gyro |
| 340.0 | 346.79 | -48.23 | G | O | North Seaker Gyro |
| 350.0 | 346.81 | -48.19 | G | O | North Seaker Gyro |
| 370.0 | 346.96 | -48.04 | G | O | North Seaker Gyro |
| 380.0 | 346.90 | -48.04 | G | O | North Seaker Gyro |
| 400.0 | 346.92 | -47.99 | G | O | North Seaker Gyro |
| 410.0 | 346.96 | -47.90 | G | O | North Seaker Gyro |
| 430.0 | 346.99 | -47.68 | G | O | North Seaker Gyro |
| 440.0 | 347.02 | -47.61 | G | O | North Seaker Gyro |
| 495.0 | 347.40 | -47.30 | EZ | O | 54639 |

| Certificate |
|---|
| TM19047325 |
| TM19047349 |
| TM19049464 |
| TM19049468 |
| TM19053501 |
| TM19053504 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505D19-004 | Excaon1D | CAOND120204 - CAOND120471 |
| CXE5505D19-005 | Excaon1D | CAOND120472 - CAOND120543 |
| CXE5505D19-006 | Excaon1D | CAOND120544 - CAOND120728 |
| CXE5505D19-071 | Excaon1 | CAOND114322<br>CAOND114326<br>CAOND114329<br>CAOND114344 |

| Sample number | Standard |
|---|---|
| CAOND120415 | CDN-CM-27-AEM |
| CAOND120420 | BLANK-DB |
| CAOND120430 | CDN-GS-5W |
| CAOND120445 | CDN-CM-28-AEM |
| CAOND120460 | CDN-CM-27-AEM |
| CAOND120470 | BLANK-DB |

**Hole number:** KLUC19-532

| Certificate | Sample dispatch | Lab package | Sample list* |
|---|---|---|---|
| | | | CAOND114351 |
| | | | CAOND114383 |
| | | | CAOND114423 |
| | | | CAOND114436 |
| | | | CAOND114443 |
| | | | CAOND114446 |
| | | | CAOND114454 |
| | | | CAOND114458 |
| | | | CAOND116718 |
| | | | CAOND116726 |
| | | | CAOND116858 |
| | | | CAOND116861 |
| | | | CAOND116872 |
| | | | CAOND116903 |
| | | | CAOND116918 |
| | | | CAOND116944 |
| | | | CAOND116952 |
| | | | CAOND116957 |
| | | | CAOND116977 |
| | | | CAOND116988 |
| | | | CAOND117059 |
| | | | CAOND117063 |
| | | | CAOND117069 - CAOND117070 |
| | | | CAOND117091 |
| | | | CAOND117117 |
| | | | CAOND117121 |
| | | | CAOND117134 |
| | | | CAOND117146 |
| | | | CAOND117169 |
| | | | CAOND117177 |
| | | | CAOND117193 |
| | | | CAOND117197 |
| | | | CAOND117232 |
| | | | CAOND117251 |
| | | | CAOND117276 |
| | | | CAOND117285 |
| | | | CAOND117287 |
| | | | CAOND117307 |
| | | | CAOND117317 |
| | | | CAOND117348 |
| | | | CAOND117352 - CAOND117354 |
| | | | CAOND117367 |
| | | | CAOND117376 |

| Sample number | Standard |
|---|---|
| CAOND120475 | CDN-GS-5W |
| CAOND120490 | CDN-CM-28-AEM |
| CAOND120515 | CDN-CM-27-AEM |
| CAOND120520 | BLANK-DB |
| CAOND120530 | CDN-GS-5W |
| CAOND120545 | CDN-CM-28-AEM |
| CAOND120560 | CDN-CM-27-AEM |
| CAOND120570 | BLANK-DB |
| CAOND120574 | CDN-GS-5U-AEM |
| CAOND120590 | CDN-CM-28-AEM |
| CAOND120615 | CDN-CM-27-AEM |
| CAOND120620 | BLANK-DB |
| CAOND120630 | CDN-GS-5W |
| CAOND120645 | CDN-CM-28-AEM |
| CAOND120660 | CDN-CM-27-AEM |
| CAOND120670 | BLANK-DB |
| CAOND120675 | CDN-GS-5W |
| CAOND120690 | CDN-CM-28-AEM |
| CAOND120715 | CDN-CM-27-AEM |
| CAOND120720 | BLANK-DB |

**Hole number:** KLUC19-532

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND117408 |
| | | CAOND117410 |
| | | CAOND117431 |
| | | CAOND117467 |
| | | CAOND117489 |
| | | CAOND117492 - CAOND117493 |
| | | CAOND117501 |
| | | CAOND117563 - CAOND117564 |
| | | CAOND117591 |
| | | CAOND117596 |
| | | CAOND117619 |
| | | CAOND117622 |
| | | CAOND117631 - CAOND117632 |
| | | CAOND117670 |
| | | CAOND117678 - CAOND117679 |
| | | CAOND117681 |
| | | CAOND117691 |
| | | CAOND117696 |
| | | CAOND117732 - CAOND117733 |
| | | CAOND117761 |
| | | CAOND117778 |
| | | CAOND117788 |
| | | CAOND117803 |
| | | CAOND117817 |
| | | CAOND117863 |
| | | CAOND117871 |
| | | CAOND117936 |
| | | CAOND117981 |
| | | CAOND118114 |
| | | CAOND118135 |
| | | CAOND118143 |
| | | CAOND118145 |
| | | CAOND118236 |
| | | CAOND118251 |
| | | CAOND118287 |
| | | CAOND118301 |
| | | CAOND118316 |
| | | CAOND118319 |
| | | CAOND118346 |
| | | CAOND118351 |
| | | CAOND118381 |
| | | CAOND118395 |
| | | CAOND118410 |

**Hole number:** KLUC19-532

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND118436 |
| | | CAOND118463 |
| | | CAOND118479 |
| | | CAOND118481 |
| | | CAOND118539 |
| | | CAOND118556 |
| | | CAOND118618 |
| | | CAOND118631 |
| | | CAOND118664 |
| | | CAOND118684 |
| | | CAOND118686 |
| | | CAOND118688 |
| | | CAOND118707 |
| | | CAOND118720 |
| | | CAOND118754 |
| | | CAOND118793 |
| | | CAOND118829 |
| | | CAOND118835 |
| | | CAOND118851 |
| | | CAOND118859 |
| | | CAOND118862 |
| | | CAOND118897 |
| | | CAOND118933 |
| | | CAOND118941 |
| | | CAOND118947 |
| | | CAOND118954 |
| | | CAOND118966 |
| | | CAOND118981 |
| | | CAOND119502 |
| | | CAOND119526 |
| | | CAOND119551 |
| | | CAOND119564 |
| | | CAOND119569 |
| | | CAOND119571 |
| | | CAOND119573 |
| | | CAOND119583 |
| | | CAOND119585 |
| | | CAOND119591 |
| | | CAOND119621 |
| | | CAOND119645 |
| | | CAOND119677 |
| | | CAOND119771 |
| | | CAOND119802 |

**Hole number:** KLUC19-532

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND119809 |
| | | CAOND119817 |
| | | CAOND119841 |
| | | CAOND119846 |
| | | CAOND119873 |
| | | CAOND119913 |
| | | CAOND119918 |
| | | CAOND120032 - CAOND120033 |
| | | CAOND120048 |
| | | CAOND120081 |
| | | CAOND120085 |
| | | CAOND120118 |
| | | CAOND120170 |
| | | CAOND120183 |
| | | CAOND120361 |
| | | CAOND120371 |
| | | CAOND120381 |
| | | CAOND120399 |
| | | CAOND120422 |
| | | CAOND120481 |
| | | CAOND120512 |
| | | CAOND120566 - CAOND120567 |
| | | CAOND120569 |
| | | CAOND120581 |
| | | CAOND120618 |
| | | CAOND120632 |
| | | CAOND120637 |
| | | CAOND120643 |
| | | CAOND120658 |
| | | CAOND120685 |
| | | CAOND120687 |
| | | CAOND120692 |
| | | CAOND120701 |
| | | CAOND120712 |
| CXE5505D19WRA-004 | Excaon2-WRA | CAOND119085 - CAOND119103 |
| CXE5505D19WRA-005 | Excaon2-WRA | CAOND119104 - CAOND119111 |
| CXE5505D19WRA-006 | Excaon2-WRA | CAOND119112 - CAOND119121 |

*The sample list may content samples from other holes

**Major:** **From:** 0.00 **To:** 2.50 OVB, Overburden

Overburden / casing

## Hole number: KLUC19-532

**Major:** **From:** 2.50 **To:** 120.10 V8mtl, Trachyte mafic tuff lapilli

Composition: Parallel wavy and discontinuous medium pink lenses alternating with a very fine grained dark green matrix?; V8mtl - Trachyte mafic tuff lapilli. Magnetism: Moderately magnetic Veinning: 3-5% irregular qtz-carb-hem veinning occuring in clusters over 1-3m. Rare mm scale irregular calcite veinelts throughout. Structure: Moderate parallel deformation oriented at 40-50 TCA. Alteration: Strong pervasive calcite alteration and moderate chlorite alteration occuring in parallel lenses. Mineralization: Trace fine grained Py mineralization occuring in clusters within veining. 1-2% very fine grained py dusting throughout. Lower Contact: Gradational, contact is placed with textures are no longer paralle and become more chaotic.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

2.50, 120.10, CAL+, PEN, STRONG, -, -, -, Strong pervasive calcite alteration

2.50, 120.10, CHL+, PAT, MOD, -, -, -, Moderate chlorite alteration occuring as parallel lenses

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

2.50, 120.10, DFZ, MOD, 40.00, -, -, -, Moderate parallel deformation oriented at 40-50 TCA defined by the parallel and alternating of pink and greeen material

2.50, 120.10, FOL, MOD, 40.00, -, -, -, Moderate preferential alignment oriented at 40-50 TCA defined by the parallel and alternating of pink and greeen material

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

2.50, 3.10, QtzCbt, 40.00, -, -, -, -, -, -, -, PYR, .50, Irregular and choatic qtz-carb-hem veinning oriented at various angles with trace clustered py mineralization in veinning

7.50, 8.00, CBT, 25.00, -, -, -, -, -, -, -, -, -, 1x 10cm thick carbonate-hem vein with irregular mm scale veinlet in margins

117.00, 120.10, QtzCbt, 25.00, -, -, -, -, -, -, -, -, -, 25% irregular and chaotic qtz-carb, carb-hem and qtz-carb-hem veinning dominantly oriented parallel to deformation at 40-50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120392 | 2.5 | 3.5 | 1.0 | 0.003 | | | | 2.74 |
| CAOND120393 | 3.5 | 5.0 | 1.5 | 0.016 | | | | 2.60 |
| CAOND120394 | 5.0 | 6.0 | 1.0 | 0.006 | | | | 2.73 |
| CAOND120395 | 6.0 | 7.0 | 1.0 | 0.003 | | | | 2.79 |
| CAOND120396 | 7.0 | 8.0 | 1.0 | 0.003 | | | | 2.77 |
| CAOND120397 | 8.0 | 9.0 | 1.0 | 0.003 | | | | 2.74 |
| CAOND120398 | 9.0 | 10.0 | 1.0 | 0.003 | | | | 2.71 |
| CAOND120399 | 51.0 | 52.0 | 1.0 | 0.005 | | | | 2.76 |
| CAOND120401 | 52.0 | 53.0 | 1.0 | 0.005 | | | | 2.74 |
| CAOND120402 | 53.0 | 54.0 | 1.0 | 0.010 | | | | 2.75 |
| CAOND120403 | 54.0 | 55.0 | 1.0 | 0.014 | | | | 2.76 |
| CAOND120404 | 55.0 | 56.0 | 1.0 | 0.012 | | | | 2.75 |
| CAOND120405 | 92.0 | 93.0 | 1.0 | 0.011 | | | | 2.76 |
| CAOND120406 | 93.0 | 94.0 | 1.0 | 0.009 | | | | 2.78 |
| CAOND120407 | 94.0 | 95.0 | 1.0 | 0.010 | | | | 2.78 |
| CAOND120408 | 113.0 | 114.5 | 1.5 | 0.009 | | | | 2.76 |
| CAOND120409 | 114.5 | 116.0 | 1.5 | 0.010 | | | | 2.75 |
| CAOND120410 | 116.0 | 117.5 | 1.5 | 0.011 | | | | 2.74 |
| CAOND120411 | 117.5 | 119.0 | 1.5 | 0.292 | | | | 2.75 |
| CAOND120412 | 119.0 | 120.1 | 1.1 | 0.095 | | | | 2.73 |

**Major:** **From:** 120.10 **To:** 204.10 V8, Trachyte

Composition: Various shades of pinks, purples and grey, fine to medium grained and chaotic; Magnetism: Moderately magnetic Veinning: 5% qtz-carb veinning dominantly clustered at beginning of interval. Structure: Moderate deformation dominantly chaotic with local intervals that are weakly preferentially aligned at 40-50 TCA. Alteration: Strong pervasive calcite alteration and moderate patchy chlorite. Mineralization: 2-3% very fine and fine grained disseminated Py mineralization. Lower Contact: Sharp but irregular. 142.7-145.9m = change in colours, textures and alteration package. 25% irregular qtz-cal-chl veinning at no preferred orientation and moderate pervasive Kspar? and weak Si alteration. 189-192.5m = dark purplish red patches? of strong hem alteration or syenite intrusion? multiple sharp contacts at 10 TCA. 191.5-193m = 2x 40-50cm thick, dark green and medium to coarse grained, chaotic mafic unit. 193-204.1m = Appears to be the same trachyte unit as previous major interval, but contains irregular pale grey and pale orangish pink patches of alteration and chaotic 0.5-1cm thick qtz-carb

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120413 | 120.1 | 121.5 | 1.4 | 0.078 | | | | 2.75 |
| CAOND120414 | 121.5 | 123.0 | 1.5 | 0.036 | | | | 2.73 |
| CAOND120416 | 123.0 | 124.5 | 1.5 | 0.074 | | | | 2.73 |
| CAOND120417 | 124.5 | 126.0 | 1.5 | 0.069 | | | | 2.72 |
| CAOND120418 | 126.0 | 127.5 | 1.5 | 0.050 | | | | 2.73 |
| CAOND120419 | 127.5 | 129.0 | 1.5 | 0.289 | | | | 2.74 |
| CAOND120421 | 129.0 | 130.5 | 1.5 | 0.443 | | | | 2.76 |
| CAOND120422 | 130.5 | 132.0 | 1.5 | 0.250 | | | | 2.73 |

**Hole number:** KLUC19-532

veinning.

**MINOR INTERVAL**

189.00 - 192.50: I2DDark purplish red fine grained syenite intrusion?

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

120.10, 138.00, PYR, DIS, 2.00, -, -, 2-3% very fine and fine grained disseminated Py mineralization
138.00, 142.00, PYR, PAT, 5.00, -, VFG, 5-10% very fine grained py mineralization disseminated and occuring in clusters
142.00, 146.00, PYR, DIS, 5.00, -, VFG, 5-8% very fine grained disseminated Py mineralization in Kspar altered margins of veins
146.00, 149.00, PYR, DIS, 3.00, -, FGR, 3-5% fine grained disseminated Py mineralization
149.00, 152.00, PYR, PAT, 5.00, -, FGR, 5-10% fine grained py mineralization disseminated and occuring in clusters
152.00, 158.00, PYR, DIS, 3.00, -, FGR, 3-5% very fine to fine grained disseminated Py
158.00, 167.00, PYR, PAT, 5.00, -, FGR, 5-10% very fine and fine grained dissemianted Py with randomly dispearsed semi-massive irregular clusters dominantly occuring in calcite patches
167.00, 173.00, PYR, DIS, 3.00, -, FGR, 3-5% very fine to fine grained disseminated Py
173.00, 187.00, PYR, DIS, 2.00, -, FGR, 2-3% fine grained dissemianted Py
187.00, 193.00, PYR, DIS, 5.00, -, FGR, 5-8% fine grained disseminated Py mineralization
193.00, 201.00, PYR, DIS, 2.00, -, FGR, 2-3% fine grained dissemianted Py mineralization
201.00, 204.10, PYR, DIS, 3.00, -, FGR, 3-5% fine grained dissemianted Py

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

120.10, 197.00, CAL+, PEN, STRONG, -, -, -, Strong pervasive calcite alteration
120.10, 197.00, CHL+, PAT, MOD, -, -, -, Moderate chlorite alteration occuring as parallel lenses
139.40, 140.40, HEM+, PEN, MOD, -, -, -, Moderate to strong deep reddish purple pervasive hematite alteration
142.70, 145.90, KFS+, PEN, MOD, -, -, -, Moderate to strong kspar? alteration
142.70, 145.90, SER+, PAT, MOD, -, -, -, Moderate Se alteration occuring as mm scale whispy stringers and patches
193.00, 204.10, KFS+, PAT, MOD, -, -, -, irregular and random patches of kspar? alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

120.10, 197.00, DFZ, MOD, -, -, -, -, Moderate deformation dominantly chaotic with local weak preferential alignment at 20-30 and 40-50 TCA
128.00, 129.00, FOL, WEAK, 20.00, -, -, -, Weak prefential alignment at 20-30 TCA
132.00, 138.00, FOL, WEAK, 40.00, -, -, -, Weak prefential alignment at 40-50 TCA
138.00, 164.00, FOL, WEAK, 40.00, -, -, -, Weak prefential alignment at 40-50 TCA
164.00, 173.00, FOL, WEAK, 30.00, -, -, -, Weak preferential alignment at 30-40 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120423 | 132.0 | 133.5 | 1.5 | 0.044 | | | | 2.73 |
| CAOND120424 | 133.5 | 135.0 | 1.5 | 0.015 | | | | 2.72 |
| CAOND120426 | 135.0 | 136.5 | 1.5 | 0.149 | | | | 2.71 |
| CAOND120427 | 136.5 | 138.0 | 1.5 | 0.103 | | | | 2.70 |
| CAOND120428 | 138.0 | 139.3 | 1.3 | 1.110 | | | | 2.72 |
| CAOND120429 | 139.3 | 140.3 | 1.0 | 0.028 | | | | 2.70 |
| CAOND120431 | 140.3 | 141.5 | 1.2 | 0.019 | | | | 2.71 |
| CAOND120432 | 141.5 | 142.7 | 1.2 | 0.122 | | | | 2.72 |
| CAOND120433 | 142.7 | 144.0 | 1.3 | 0.051 | | | | 2.68 |
| CAOND120434 | 144.0 | 145.0 | 1.0 | 0.022 | | | | 2.65 |
| CAOND120435 | 145.0 | 145.9 | 0.9 | 0.020 | | | | 2.68 |
| CAOND120436 | 145.9 | 147.0 | 1.1 | 0.059 | | | | 2.72 |
| CAOND120437 | 147.0 | 148.5 | 1.5 | 0.104 | | | | 2.72 |
| CAOND120438 | 148.5 | 150.0 | 1.5 | 0.203 | | | | 2.74 |
| CAOND120439 | 150.0 | 151.5 | 1.5 | 0.072 | | | | 2.73 |
| CAOND120440 | 151.5 | 153.0 | 1.5 | 0.027 | | | | 2.71 |
| CAOND120441 | 153.0 | 154.5 | 1.5 | 0.017 | | | | 2.71 |
| CAOND120442 | 154.5 | 156.0 | 1.5 | 0.031 | | | | 2.76 |
| CAOND120443 | 156.0 | 157.5 | 1.5 | 0.034 | | | | 2.78 |
| CAOND120444 | 157.5 | 159.0 | 1.5 | 0.108 | | | | 2.78 |
| CAOND120446 | 159.0 | 160.5 | 1.5 | 0.152 | | | | 2.74 |
| CAOND120447 | 160.5 | 161.5 | 1.0 | 0.113 | | | | 2.80 |
| CAOND120448 | 161.5 | 162.5 | 1.0 | 0.109 | | | | 2.80 |
| CAOND120449 | 162.5 | 164.0 | 1.5 | 0.396 | | | | 2.77 |
| CAOND120451 | 164.0 | 165.5 | 1.5 | 0.045 | | | | 2.78 |
| CAOND120452 | 165.5 | 167.0 | 1.5 | 0.068 | | | | 2.77 |
| CAOND120453 | 167.0 | 168.5 | 1.5 | 0.068 | | | | 2.73 |
| CAOND120454 | 168.5 | 170.0 | 1.5 | 0.071 | | | | 2.76 |
| CAOND120455 | 170.0 | 171.5 | 1.5 | 0.139 | | | | 2.81 |
| CAOND120456 | 171.5 | 173.0 | 1.5 | 0.246 | | | | 2.81 |
| CAOND120457 | 173.0 | 174.5 | 1.5 | 0.158 | | | | 2.71 |
| CAOND120458 | 174.5 | 176.0 | 1.5 | 0.008 | | | | 2.80 |
| CAOND120459 | 176.0 | 177.5 | 1.5 | 0.014 | | | | 2.78 |

**Hole number:** KLUC19-532

199.00, 201.00, BRR, WEAK, -, -, -, -, Weak broken / fractured core into angular pieces

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
120.10, 123.00, QtzCbt, 5.00, -, -, -, -, -, -, -, -, -, 5% qtz-carb veinning less than 1 - 1cm thick dominantly parallel to one another at 40-50 TCA
142.70, 145.90, QtzCalChl, 20.00, -, -, -, -, -, -, -, -, -, 20-25% irregular and chaotic pale grey to white qtz-cal-chl veinning dominantly trending at 0-10 TCA
193.00, 201.00, QtzCalChl, 5.00, -, -, -, -, -, -, -, -, -, 5% 0.5-1cm thick qtz-cal-chl veinning with no preferred orientation

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120461 | 177.5 | 179.0 | 1.5 | 0.019 | | | | 2.74 |
| CAOND120462 | 179.0 | 180.5 | 1.5 | 0.010 | | | | 2.75 |
| CAOND120463 | 180.5 | 182.0 | 1.5 | 0.023 | | | | 2.74 |
| CAOND120464 | 182.0 | 183.5 | 1.5 | 0.035 | | | | 2.76 |
| CAOND120465 | 183.5 | 185.0 | 1.5 | 0.074 | | | | 2.77 |
| CAOND120466 | 185.0 | 186.5 | 1.5 | 0.229 | | | | 2.75 |
| CAOND120467 | 186.5 | 188.0 | 1.5 | 1.050 | | | | 2.71 |
| CAOND120468 | 188.0 | 189.0 | 1.0 | 0.165 | | | | 2.76 |
| CAOND120469 | 189.0 | 189.9 | 0.9 | 0.202 | | | | 2.77 |
| CAOND120471 | 189.9 | 191.3 | 1.4 | 0.057 | | | | 2.71 |
| CAOND120472 | 191.3 | 192.5 | 1.2 | 0.044 | | | | 2.72 |
| CAOND120473 | 192.5 | 193.0 | 0.5 | 0.003 | | | | 2.76 |
| CAOND120474 | 193.0 | 193.8 | 0.8 | 0.039 | | | | 2.69 |
| CAOND120476 | 193.8 | 195.0 | 1.2 | 0.019 | | | | 2.66 |
| CAOND120477 | 195.0 | 196.5 | 1.5 | 0.018 | | | | 2.65 |
| CAOND120478 | 196.5 | 198.0 | 1.5 | 0.019 | | | | 2.65 |
| CAOND120479 | 198.0 | 199.5 | 1.5 | 0.017 | | | | 2.64 |
| CAOND120481 | 199.5 | 201.0 | 1.5 | 0.017 | | | | 2.65 |
| CAOND120482 | 201.0 | 202.0 | 1.0 | 0.024 | | | | 2.66 |
| CAOND120483 | 202.0 | 203.0 | 1.0 | 0.045 | | | | 2.68 |
| CAOND120484 | 203.0 | 204.1 | 1.1 | 0.029 | | | | 2.67 |

**Major:** **From:** 204.10 **To:** 211.80 V8Gs, Trachyte green spotted

Composition: Dark red to purplish red fine grained matrix with 30-40% medium to coarse grained subhedral and elongated pyroxene? crystals distributed throughout, porphyritic texture? has similar criteria as the Northland green spotted but the grained size is much larger and there is only trace Ep spots; V8Gs - Trachyte greenspotted. Magnetism: Non to weakly magnetic. Veinning: Less than 1% microfracture filled calcite. Structure: Undeformed. Alteration: Moderate to strong pervasive hem alteration in matrix. Trace Ep alteration occuring as mm scale spots or at contact of veinlets. Mineralization: 10-15% fine grained disseminated Py mienralization throughout. Lower Contact: Sharp contact oriented at 50 TCA

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
204.10, 211.80, PYR, DIS, 10.00, -, FGR, 10-15% fine grained disseminated Py

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120485 | 204.1 | 205.5 | 1.4 | 0.229 | | | | 2.74 |
| CAOND120486 | 205.5 | 207.0 | 1.5 | 0.168 | | | | 2.88 |
| CAOND120487 | 207.0 | 208.5 | 1.5 | 0.515 | | | | 2.89 |
| CAOND120488 | 208.5 | 210.0 | 1.5 | 0.212 | | | | 2.89 |
| CAOND120489 | 210.0 | 211.0 | 1.0 | 0.136 | | | | 2.88 |
| CAOND120491 | 211.0 | 211.8 | 0.8 | 0.087 | | | | 2.86 |

**Hole number:** KLUC19-532

204.10, 211.80, HEM+, PEN, STRONG, -, -, -, Moderate to strong pervasive hem alteration in matrix

**Major:** **From:** 211.80 **To:** 257.50 V8, Trachyte

Composition: Dark reddish grey, fine grained and massive, possibly an intrusion?; V8 - Trachyte. Magnetism: Weak to moderately magnetic. Veinning: 1% mm scale cal and qtz-cal veinlets. Structure: undeformed but contains pervasive weak broken/fractured core. Alteration: Weak to moderate pervasive calcite alteration. Weak pervasive hem alteration, moderate in fractures. Mineralization: 1-2% fine grained dissemianted Py mineralization with local clusters of 5% Py. Lower Contact: Relatively sharp and oriented at 50 TCA

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

211.80, 222.00, PYR, DIS, 1.00, -, FGR, 1-2% fine grained disseminated Py mineralization with local clusters of 3-5% Py over 10-20cm interval
222.00, 247.00, PYR, DIS, 2.00, -, FGR, 2-3% fine grained disseminated Py mineralization
247.00, 251.00, PYR, DIS, 5.00, -, FGR, 5% fine grained dissemianted Py mineralization
251.00, 257.50, PYR, DIS, 2.00, -, FGR, 2-3% fine grained disseminated Py mineralization

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

211.80, 257.50, CAL+, PEN, WEAK, -, -, -, Weak to moderate pervasive calcite alteration
211.80, 257.50, HEM+, PEN, WEAK, -, -, -, Weak pervasive hem alteration increasing to moderate in fractures

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

211.80, 253.00, BRR, WEAK, -, -, -, -, Weak to moderate broken/fractured core into angular pieces 1-2 and 5-10cm thick

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

221.00, 222.00, QTZ, 2.00, -, -, -, -, -, -, -, -, -, 1x 0.5cm at 20 TCA and 1x 2cm thick at 80 TCA, pale grey qtz-chl? veinning

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120492 | 211.8 | 213.0 | 1.2 | 0.032 | | | | 2.72 |
| CAOND120493 | 213.0 | 214.5 | 1.5 | 0.046 | | | | 2.72 |
| CAOND120494 | 214.5 | 216.0 | 1.5 | 0.059 | | | | 2.81 |
| CAOND120495 | 216.0 | 217.5 | 1.5 | 0.427 | | | | 2.70 |
| CAOND120496 | 217.5 | 219.0 | 1.5 | 0.070 | | | | 2.72 |
| CAOND120497 | 219.0 | 220.5 | 1.5 | 0.079 | | | | 2.75 |
| CAOND120498 | 220.5 | 222.0 | 1.5 | 0.013 | | | | 2.75 |
| CAOND120499 | 222.0 | 223.5 | 1.5 | 0.059 | | | | 2.76 |
| CAOND120501 | 223.5 | 225.0 | 1.5 | 0.185 | | | | 2.74 |
| CAOND120502 | 225.0 | 226.5 | 1.5 | 0.044 | | | | 2.65 |
| CAOND120503 | 226.5 | 228.0 | 1.5 | 0.032 | | | | 2.71 |
| CAOND120504 | 228.0 | 229.5 | 1.5 | 0.041 | | | | 2.65 |
| CAOND120505 | 229.5 | 231.0 | 1.5 | 0.046 | | | | 2.69 |
| CAOND120506 | 231.0 | 232.5 | 1.5 | 0.021 | | | | 2.66 |
| CAOND120507 | 232.5 | 234.0 | 1.5 | 0.031 | | | | 2.68 |
| CAOND120508 | 234.0 | 235.5 | 1.5 | 0.034 | | | | 2.67 |
| CAOND120509 | 235.5 | 237.0 | 1.5 | 0.060 | | | | 2.71 |
| CAOND120510 | 237.0 | 238.5 | 1.5 | 0.045 | | | | 2.73 |
| CAOND120511 | 238.5 | 240.0 | 1.5 | 0.105 | | | | 2.75 |
| CAOND120512 | 240.0 | 241.5 | 1.5 | 0.094 | | | | 2.70 |
| CAOND120513 | 241.5 | 243.0 | 1.5 | 0.060 | | | | 2.68 |
| CAOND120514 | 243.0 | 244.5 | 1.5 | 0.062 | | | | 2.72 |
| CAOND120516 | 244.5 | 246.0 | 1.5 | 0.067 | | | | 2.71 |
| CAOND120517 | 246.0 | 247.5 | 1.5 | 0.108 | | | | 2.70 |
| CAOND120518 | 247.5 | 249.0 | 1.5 | 0.112 | | | | 2.97 |
| CAOND120519 | 249.0 | 250.5 | 1.5 | 0.459 | | | | 2.81 |
| CAOND120521 | 250.5 | 252.0 | 1.5 | 0.083 | | | | 2.75 |
| CAOND120522 | 252.0 | 253.5 | 1.5 | 0.027 | | | | 2.70 |
| CAOND120523 | 253.5 | 255.0 | 1.5 | 0.021 | | | | 2.65 |
| CAOND120524 | 255.0 | 256.5 | 1.5 | 0.062 | | | | 2.69 |
| CAOND120526 | 256.5 | 257.5 | 1.0 | 0.078 | | | | 2.73 |

## Hole number: KLUC19-532

**Major:** **From:** 257.50 **To:** 259.80 S, Roches sédimentaires indéterminées

Composition: Medium to dark purplish pink, fine grained, massive and equigranular; S - sediments. Magnetism: Non magnetic. Veinning: 3% 0.5cm thick qtz-calc-chl veinning all trending at 50-60 TCA. Structure: Undeformed Alteration: Moderate pervasive hem alteration. Mineralization: 2-3% fine grained dissemianted Py. Lower Contact: Relatively sharp and oriented at 50 TCA.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

257.50, 259.80, PYR, DIS, 2.00, -, FGR, 2-3% fine grained disseminated Py mineralization

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

257.50, 259.80, HEM+, PEN, MOD, -, -, -, Moderate pervasive hem alteration

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

257.50, 259.80, QtzCalChl, 3.00, -, -, -, -, -, -, -, -, -, 3% 0.5cm thick qtz-cal-chl veinning parallel to one another at 50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120527 | 257.5 | 258.5 | 1.0 | 0.084 | | | | 2.65 |
| CAOND120528 | 258.5 | 259.8 | 1.3 | 0.424 | | | | 2.71 |

**Major:** **From:** 259.80 **To:** 264.70 V8, Trachyte

Composition: Medium greenish grey, fine grained, massive; V8 - Trachyte? Magnetism: Moderate to strongly magnetic. Veinning: 1-2% mm scale irregular and discontinuous calcite veinlets. Structure: Undeformed Alteration: Unaltered Mineralization: 0.5-1% fine grained randomly clustered Py. Lower Contact: Irregular and altered.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120529 | 259.8 | 261.0 | 1.2 | 0.087 | | | | 2.78 |
| CAOND120531 | 261.0 | 262.5 | 1.5 | 0.115 | | | | 2.78 |
| CAOND120532 | 262.5 | 263.5 | 1.0 | 0.276 | | | | 2.76 |
| CAOND120533 | 263.5 | 264.7 | 1.2 | 0.337 | | | | 2.76 |

**Major:** **From:** 264.70 **To:** 293.80 S, Roches sédimentaires indéterminées

Composition: Medium pink, medium purple and medium purplish pink, fine grained, homogeneous and equigranular; S - Sediments? Magnetism: Non magnetic. Veinning: 2-3% 0.5-2cm thick irregular qtz-cal-chl veinning. Structure: Undeformed. Alteration: Weak pervasive calcite and weak to moderate pervasive hem alteration. Mineralization: 3-5% very fine grained dissemianted Py mineralization throughout with local clusters of 5-10% fine to medium grained Py mineralization observed locally. Lower Contact: Sharp and oriented at 50 TCA. 291.8-292.2m = contains rounded polymitic pebbles 2-3cm in size

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

264.70, 293.80, PYR, DIS, 3.00, -, FGR, 3-5% very fine grained dissemianted Py mineralization throughout with local clusters of 5-10% fine to medium grained Py mineralization observed locally.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

264.70, 293.80, CAL+, PEN, WEAK, -, -, -, Weak pervasive calcite alteration

264.70, 293.80, HEM+, PEN, WEAK, -, -, -, Weak to moderate hem alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120534 | 264.7 | 266.0 | 1.3 | 0.104 | | | | 2.64 |
| CAOND120535 | 266.0 | 267.5 | 1.5 | 0.184 | | | | 2.66 |
| CAOND120536 | 267.5 | 269.0 | 1.5 | 0.082 | | | | 2.64 |
| CAOND120537 | 269.0 | 270.5 | 1.5 | 0.056 | | | | 2.63 |
| CAOND120538 | 270.5 | 272.0 | 1.5 | 0.091 | | | | 2.65 |
| CAOND120539 | 272.0 | 273.5 | 1.5 | 0.074 | | | | 2.66 |
| CAOND120540 | 273.5 | 275.0 | 1.5 | 0.199 | | | | 2.64 |
| CAOND120541 | 275.0 | 276.5 | 1.5 | 0.157 | | | | 2.69 |
| CAOND120542 | 276.5 | 278.0 | 1.5 | 0.024 | | | | 2.67 |
| CAOND120543 | 278.0 | 279.5 | 1.5 | 0.020 | | | | 2.64 |
| CAOND120544 | 279.5 | 281.0 | 1.5 | 0.050 | | | | 2.67 |
| CAOND120546 | 281.0 | 282.5 | 1.5 | 0.052 | | | | 2.66 |

**Hole number:** KLUC19-532

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
281.00, 293.80, BRR, WEAK, -, -, -, -, Weak to locally moderate broken/fractured core into angular pieces 5-10cm thick

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
264.70, 268.00, QtzCalChl, 5.00, -, -, -, -, -, -, -, -, 5% irregular and choatic qtz-cal-chl veinning, 0.5-2cm thick

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120547 | 282.5 | 284.0 | 1.5 | 0.155 | | | | 2.71 |
| CAOND120548 | 284.0 | 285.5 | 1.5 | 0.102 | | | | 2.71 |
| CAOND120549 | 285.5 | 287.0 | 1.5 | 0.127 | | | | 2.71 |
| CAOND120551 | 287.0 | 288.5 | 1.5 | 0.108 | | | | 2.71 |
| CAOND120552 | 288.5 | 289.5 | 1.0 | 0.073 | | | | 2.73 |
| CAOND120553 | 289.5 | 290.7 | 1.2 | 6.290 | | | | 2.76 |
| CAOND120554 | 290.7 | 292.0 | 1.3 | 0.165 | | | | 2.73 |
| CAOND120555 | 292.0 | 292.6 | 0.6 | 0.713 | | | | 2.67 |
| CAOND120556 | 292.6 | 293.8 | 1.2 | 0.064 | | | | 2.71 |

**Major:** **From:** 293.80 **To:** 300.90 I2Dp, Porphyritic Syenite

Composition: Fine grained dark purplish grey matrix with 30-40% medium to coarse grained subhedral phenocrysts distributed throughout, porphyritic texture; I2Dp - Syenite porphyry. Magnetism: Moderately magnetic. Veinning: 1-2% mm scale irregular and discontinuous calcite veinlets. Structure: Dominantly undeformed with localy weak preferential alignment. Alteration: Moderate pervasive carbonate alteration. Mineralization: 0.5% very fine grained disseminated Py mineralization. Lower Contact: Sharp but slightly irregular; oriented at 90 TCA.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
293.80, 293.90, PYR, DIS, 3.00, -, FGR, 3-5% very fine grained dissemianted Py mineralization throughout with local clusters of 5-10% fine to medium grained Py mineralization observed locally.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
293.80, 293.90, CAL+, PEN, WEAK, -, -, -, Weak pervasive calcite alteration
293.80, 293.90, HEM+, PEN, WEAK, -, -, -, Weak to moderate hem alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
293.80, 300.90, BRR, WEAK, -, -, -, -, Weak to locally moderate broken/fractured core into angular pieces 5-10cm thick

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120557 | 293.8 | 295.0 | 1.2 | 0.144 | | | | 2.69 |
| CAOND120558 | 295.0 | 296.5 | 1.5 | 0.034 | | | | 2.69 |
| CAOND120559 | 296.5 | 298.0 | 1.5 | 0.051 | | | | 2.68 |
| CAOND120561 | 298.0 | 299.5 | 1.5 | 0.029 | | | | 2.70 |
| CAOND120562 | 299.5 | 300.9 | 1.4 | 0.066 | | | | 2.70 |

**Major:** **From:** 300.90 **To:** 325.20 S1, CONGLOMÉRAT

Composition: Multiple different colours, pebble supported polymitic conglomerate with 70-95% variably sized dominantly rounded pebbles with minor interlayed equigranular fine grained sediment beds; S1 - Conglomerate. Magnetism: Moderately magnetic. Veinning: 1% irregular and discontinuous calcite veinlets. Structure: Underformed. Alteration: Variable. Mineralization: 5% fine grained Py mienralization occuring in clusters of disseminated Py at pebble-matrix contact and randomly as semi-massive clusters. Lower Contact: Gradational, pebble abundances diminished to 2-3%.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120563 | 300.9 | 302.0 | 1.1 | 0.135 | | | | 2.68 |
| CAOND120564 | 302.0 | 303.0 | 1.0 | 0.188 | | | | 2.68 |
| CAOND120565 | 303.0 | 304.0 | 1.0 | 0.374 | | | | 2.73 |
| CAOND120566 | 304.0 | 305.5 | 1.5 | 0.671 | | | | 2.65 |
| CAOND120567 | 305.5 | 306.6 | 1.1 | 0.304 | | | | 2.68 |

**Hole number:** KLUC19-532

**MINOR INTERVAL**
304.00 - 306.40: SComposition: Medium pink, medium purple and medium purplish pink, fine grained, homogeneous and equigranular, 2-3% rounded pebbles obseeved locally; S - Sediments Magnetism: Non magnetic. Veinning: 1% microfracture filled calcite veinlets. Structure: Undeformed. Alteration: Weak pervasive calcite and weak to moderate pervasive hem alteration. Mineralization: 3-5% very fine grained dissemianted Py mineralization Contacts: Gradational.

**MINOR INTERVAL**
307.70 - 308.90: SComposition: Medium pink, medium purple and medium purplish pink, fine grained, homogeneous and equigranular, 2-3% rounded pebbles obseeved locally; S - Sediments Magnetism: Non magnetic. Veinning: 1% microfracture filled calcite veinlets. Structure: Undeformed. Alteration: Weak pervasive calcite and weak to moderate pervasive hem alteration. Mineralization: 3-5% very fine grained dissemianted Py mineralization Contacts: Gradational.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
300.90, 325.20, PYR, DIS, 5.00, -, FGR, 5% fine grained Py mienralization occuring in clusters of disseminated Py at pebble-matrix contact and randomly as semi-massive clusters.

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
300.90, 305.00, BRR, WEAK, -, -, -, -, Weak to locally moderate broken/fractured core into angular pieces 5-10cm thick

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120568 | 306.6 | 307.7 | 1.1 | 0.096 | | | | 2.68 |
| CAOND120569 | 307.7 | 308.9 | 1.2 | 0.152 | | | | 2.64 |
| CAOND120571 | 308.9 | 310.0 | 1.1 | 0.153 | | | | 2.68 |
| CAOND120572 | 310.0 | 311.5 | 1.5 | 0.292 | | | | 2.70 |
| CAOND120573 | 311.5 | 313.0 | 1.5 | 0.428 | | | | 2.69 |
| CAOND120575 | 313.0 | 314.5 | 1.5 | 0.179 | | | | 2.62 |
| | | | Corrected sample mix-up with CAOND120574 - M.Fell 20190323 | | | | | |
| CAOND120576 | 314.5 | 316.0 | 1.5 | 0.356 | | | | 2.73 |
| CAOND120577 | 316.0 | 317.5 | 1.5 | 0.103 | | | | 2.69 |
| CAOND120578 | 317.5 | 319.0 | 1.5 | 0.059 | | | | 2.71 |
| CAOND120579 | 319.0 | 320.5 | 1.5 | 0.171 | | | | 2.74 |
| CAOND120581 | 320.5 | 322.0 | 1.5 | 0.158 | | | | 2.71 |
| CAOND120582 | 322.0 | 323.5 | 1.5 | 0.079 | | | | 2.72 |
| CAOND120583 | 323.5 | 324.4 | 0.9 | 0.062 | | | | 2.74 |
| CAOND120584 | 324.4 | 325.2 | 0.8 | 0.034 | | | | 2.70 |

**Major:** **From:** 325.20 **To:** 332.80 S, Roches sédimentaires indéterminées

Composition: Medium pink, medium purple and medium purplish pink, fine grained, homogeneous and equigranular, random clusters of pebbles observed locally over 10-20cm; S - Sediments Magnetism: Non magnetic. Veinning: 1% microfracture filled calcite veinlets. 1x 1cm thick qtz vein. Structure: Undeformed. Alteration: Weak pervasive calcite and weak to moderate pervasive hem alteration. Mineralization: 3-5% very fine grained dissemianted Py mineralization Lower Contact: Sharp oriented at 40 TCA.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
325.20, 332.80, PYR, DIS, 3.00, -, FGR, 3-5% fine grained dissemianted Py mineralization

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
325.20, 332.80, CAL+, PEN, WEAK, -, -, -, Weak pervasive calcite alteration
325.20, 332.80, HEM+, PEN, WEAK, -, -, -, Weak to moderate hem alteration

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
332.00, 332.80, QtzCalChl, 10.00, -, -, -, -, -, -, -, -, -, 1x 1cm thick qtz-cal-chl vein trending at 10 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120585 | 325.2 | 326.5 | 1.3 | 0.038 | | | | 2.69 |
| CAOND120586 | 326.5 | 328.0 | 1.5 | 0.046 | | | | 2.71 |
| CAOND120587 | 328.0 | 329.5 | 1.5 | 0.049 | | | | 2.71 |
| CAOND120588 | 329.5 | 331.0 | 1.5 | 0.028 | | | | 2.68 |
| CAOND120589 | 331.0 | 332.0 | 1.0 | 0.022 | | | | 2.67 |
| CAOND120591 | 332.0 | 332.8 | 0.8 | 0.020 | | | | 2.66 |

## Hole number: KLUC19-532

**Major:** **From:** 332.80 **To:** 363.50 I2Dmp, Syenite mafic porphyryitic

Composition: Fine grained medium grey matrix with 15-20% medium grained subhedral phenocrysts distributed throughout, porphyritic texture; I2Dmp - Syenite mafic porphyry. Magnetism: Moderately magnetic. Veinning: 2-3% mm scale irregular and discontinuous calcite-hem veinlets. Structure: Undeformed. Minor intervals of broken core. Alteration: Local interval with weak to moderate carbonate alteration Mineralization: 1% very fine grained disseminated Py mineralization with local clusters containning 3-5% PY. Lower Contact: Sharp and relatively straight; oriented at 45 TCA.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

332.80, 349.00, PYR, DIS, 1.00, -, FGR, 1-2% fine grained dissemianted Py with local 2-3% clustered Py

349.00, 363.50, PYR, PAT, 3.00, -, FGR, 3-5% irregular random patches of Py mineralization

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

352.00, 358.00, BRR, WEAK, -, -, -, -, Weak broken/fractured core into 5-10cm thick pieces

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120592 | 332.8 | 334.0 | 1.2 | 0.175 | | | | 2.75 |
| CAOND120593 | 334.0 | 335.5 | 1.5 | 0.361 | | | | 2.76 |
| CAOND120594 | 335.5 | 337.0 | 1.5 | 0.194 | | | | 2.74 |
| CAOND120595 | 337.0 | 338.5 | 1.5 | 0.075 | | | | 2.76 |
| CAOND120596 | 338.5 | 340.0 | 1.5 | 0.047 | | | | 2.77 |
| CAOND120597 | 340.0 | 341.5 | 1.5 | 0.045 | | | | 2.78 |
| CAOND120598 | 341.5 | 343.0 | 1.5 | 0.144 | | | | 2.76 |
| CAOND120599 | 343.0 | 344.5 | 1.5 | 0.193 | | | | 2.76 |
| CAOND120601 | 344.5 | 346.0 | 1.5 | 0.331 | | | | 2.81 |
| CAOND120602 | 346.0 | 347.5 | 1.5 | 0.392 | | | | 2.76 |
| CAOND120603 | 347.5 | 349.0 | 1.5 | 0.115 | | | | 2.76 |
| CAOND120604 | 349.0 | 350.5 | 1.5 | 0.731 | | | | 2.76 |
| CAOND120605 | 350.5 | 352.0 | 1.5 | 0.682 | | | | 2.78 |
| CAOND120606 | 352.0 | 353.5 | 1.5 | 0.277 | | | | 2.70 |
| CAOND120607 | 353.5 | 355.0 | 1.5 | 0.082 | | | | 2.67 |
| CAOND120608 | 355.0 | 356.5 | 1.5 | 0.052 | | | | 2.69 |
| CAOND120609 | 356.5 | 358.0 | 1.5 | 0.067 | | | | 2.73 |
| CAOND120610 | 358.0 | 359.5 | 1.5 | 0.280 | | | | 2.74 |
| CAOND120611 | 359.5 | 361.0 | 1.5 | 0.232 | | | | 2.75 |
| CAOND120612 | 361.0 | 362.5 | 1.5 | 0.128 | | | | 2.73 |
| CAOND120613 | 362.5 | 363.5 | 1.0 | 0.170 | | | | 2.72 |

**Major:** **From:** 363.50 **To:** 365.40 S, Roches sédimentaires indéterminées

Composition: Dominantly medium pink with patches of medium grey, fine grained, chaotic with slight brecciated appearance; S - Sediments. Magnetism: Non magnetic. Veinning: 1% microfracture filled calcite. Structure: Chaotically deformed? Alteration: Weak pervasive calcite alteration. Mineralization: 2-3% very fine grained dissemianted Py and irregular random clusters of Py. Lower Contact: Relatively sharp but irregular. 365.2-365.4m = 20cm thick interval containing rounded pebbles

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

363.50, 365.40, PYR, PAT, 2.00, -, FGR, 2-3% fine grained disseminated and clustered Py

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120614 | 363.5 | 364.4 | 0.9 | 0.106 | | | | 2.66 |
| CAOND120616 | 364.4 | 365.4 | 1.0 | 0.873 | | | | 2.68 |

**Major:** **From:** 365.40 **To:** 368.80 I2Dmp, Syenite mafic porphyryitic

Composition: Dark purplish grey gradually changing to dark greenish grey, fine grained and realtively massive, 2-3% medium grained amp? crystals randomly distributed throughout, 1-2% faintly visible

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120617 | 365.4 | 366.5 | 1.1 | 0.051 | | | | 2.73 |

**Hole number:** KLUC19-532

felspar phenocrysts?; I2Dm - Syenite mafic poprhyry. Magnetism: Weakly magnetic. Veinning: 1-2% mm scale irregular and discontinuous calcite veinlets. Structure: Undeformed. Alteration: Weak carbonate alteration. Mineralization: 2-3% very fine grained disseminated and clustered Py mineralization. Lower Contact: Relatively sharp but irregular contact trending at 80 TCA.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

365.40, 368.80, PYR, PAT, 2.00, -, FGR, 2-3% fine grained disseminated and clustered Py

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120618 | 366.5 | 367.5 | 1.0 | 0.045 | | | | 2.75 |
| CAOND120619 | 367.5 | 368.8 | 1.3 | 0.044 | | | | 2.72 |

**Major:** **From:** 368.80 **To:** 408.90 S1, CONGLOMÉRAT

Composition: Multiple different colours, pebble supported polymitic conglomerate with 70-95% variably sized dominantly rounded pebbles; S1 - Conglomerate. Magnetism: Moderately magnetic. Veinning: 1-2% irregular and discontinuous calcite veinlets. Structure: Underformed. Weak localy parallel stacking of elongated pebbles. Alteration: Variable. Mineralization: 2-3% fine grained Py mienralization occuring in clusters of disseminated Py at pebble-matrix contact and randomly as semi-massive clusters. Lower Contact:

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

368.80, 408.90, PYR, PAT, 2.00, -, FGR, 2-3% fine grained Py mienralization occuring in clusters of disseminated Py at pebble-matrix contact and randomly as semi-massive clusters.

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

381.80, 381.90, FGO, WEAK, -, -, -, -, 2cm thick possible fault gouge?

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120621 | 368.8 | 370.0 | 1.2 | 0.017 | | | | 2.63 |
| CAOND120622 | 370.0 | 371.5 | 1.5 | 0.066 | | | | 2.67 |
| CAOND120623 | 371.5 | 373.0 | 1.5 | 0.087 | | | | 2.69 |
| CAOND120624 | 373.0 | 374.5 | 1.5 | 0.076 | | | | 2.70 |
| CAOND120626 | 374.5 | 376.0 | 1.5 | 0.043 | | | | 2.69 |
| CAOND120627 | 376.0 | 377.5 | 1.5 | 0.123 | | | | 2.70 |
| CAOND120628 | 377.5 | 379.0 | 1.5 | 0.184 | | | | 2.70 |
| CAOND120629 | 379.0 | 380.5 | 1.5 | 0.030 | | | | 2.68 |
| CAOND120631 | 380.5 | 382.0 | 1.5 | 0.077 | | | | 2.65 |
| CAOND120632 | 382.0 | 383.5 | 1.5 | 0.122 | | | | 2.67 |
| CAOND120633 | 383.5 | 385.0 | 1.5 | 0.041 | | | | 2.67 |
| CAOND120634 | 385.0 | 386.5 | 1.5 | 0.098 | | | | 2.70 |
| CAOND120635 | 386.5 | 388.0 | 1.5 | 0.116 | | | | 2.70 |
| CAOND120636 | 388.0 | 389.5 | 1.5 | 0.485 | | | | 2.69 |
| CAOND120637 | 389.5 | 391.0 | 1.5 | 0.170 | | | | 2.69 |
| CAOND120638 | 391.0 | 392.5 | 1.5 | 0.463 | | | | 2.68 |
| CAOND120639 | 392.5 | 394.0 | 1.5 | 0.039 | | | | 2.71 |
| CAOND120640 | 394.0 | 395.5 | 1.5 | 0.052 | | | | 2.75 |
| CAOND120641 | 395.5 | 397.0 | 1.5 | 0.109 | | | | 2.73 |
| CAOND120642 | 397.0 | 398.5 | 1.5 | 0.099 | | | | 2.74 |
| CAOND120643 | 398.5 | 399.5 | 1.0 | 0.118 | | | | 2.73 |
| CAOND120644 | 399.5 | 401.0 | 1.5 | 0.069 | | | | 2.73 |
| CAOND120646 | 401.0 | 402.5 | 1.5 | 0.085 | | | | 2.73 |
| CAOND120647 | 402.5 | 404.0 | 1.5 | 0.104 | | | | 2.73 |
| CAOND120648 | 404.0 | 405.5 | 1.5 | 0.196 | | | | 2.71 |
| CAOND120649 | 405.5 | 407.0 | 1.5 | 0.142 | | | | 2.69 |
| CAOND120651 | 407.0 | 408.0 | 1.0 | 0.037 | | | | 2.72 |

**Hole number:** KLUC19-532

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120652 | 408.0 | 408.9 | 0.9 | 0.039 | | | | 2.71 |

**Major:** **From:** 408.90 **To:** 452.10 I2Dmp, Syenite mafic porphyryitic

Composition: Dark purplish grey fine grained matrix with 25-30% medium grained feldspar? phenocrysts distributed thorughout, porphyritic texture; I2Dmp - Syenite mafic porphyry. Magnetism: Moderately magnetic. Veinning: 2-3% irregular and whispy calcite veinlets. Structure: Undeformed. Local intervals of weak broken/factured core. Alteration: Weak to locally moderate carbonate alteration. Mineralization: 0.5-1% very fine grained Py mineralization with local intervals containning up to 8% medium grained Py occuring in irregular fractures of calcite. Lower Contact: Gradational.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

408.90, 438.00, PYR, DIS, 1.00, -, VFG, 0.5-1% very fine grained dissemianted Py mineralization with local 2-3% clustered Py

438.00, 440.50, PYR, PAT, 10.00, -, MGR, 10% irregular patches of medium grained Py dominantly occuring in calcite filled fractures

440.50, 452.10, PYR, DIS, 1.00, -, FGR, 1-2% fine grained dissemianted Py mineralization

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

417.00, 434.00, BRR, WEAK, -, -, -, -, Weak broken/fractured core into 5-10cm thick pieces

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

429.70, 429.80, CalChl, 50.00, -, -, -, -, -, -, -, -, -, 5cm thick calcite-chlorite vein with sharp contacts, trending at 45 TCA

441.00, 444.50, QtzCalChl, 3.00, -, -, -, -, -, -, -, -, -, 3% irregular and wavy qtz-cal-chl veinning trending at 0 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120653 | 408.9 | 410.0 | 1.1 | 0.036 | | | | 2.77 |
| CAOND120654 | 410.0 | 411.5 | 1.5 | 0.037 | | | | 2.73 |
| CAOND120655 | 411.5 | 413.0 | 1.5 | 0.012 | | | | 2.72 |
| CAOND120656 | 413.0 | 414.5 | 1.5 | 0.003 | | | | 2.72 |
| CAOND120657 | 414.5 | 416.0 | 1.5 | 0.003 | | | | 2.73 |
| CAOND120658 | 416.0 | 417.5 | 1.5 | 0.003 | | | | 2.72 |
| CAOND120659 | 417.5 | 419.0 | 1.5 | 0.035 | | | | 2.72 |
| CAOND120661 | 419.0 | 420.5 | 1.5 | 0.013 | | | | 2.75 |
| CAOND120662 | 420.5 | 422.0 | 1.5 | 0.020 | | | | 2.75 |
| CAOND120663 | 422.0 | 423.5 | 1.5 | 0.026 | | | | 2.73 |
| CAOND120664 | 423.5 | 425.0 | 1.5 | 0.055 | | | | 2.72 |
| CAOND120665 | 425.0 | 426.5 | 1.5 | 0.084 | | | | 2.75 |
| CAOND120666 | 426.5 | 428.0 | 1.5 | 0.038 | | | | 2.74 |
| CAOND120667 | 428.0 | 429.5 | 1.5 | 0.017 | | | | 2.72 |
| CAOND120668 | 429.5 | 431.0 | 1.5 | 0.198 | | | | 2.71 |
| CAOND120669 | 431.0 | 432.5 | 1.5 | 0.021 | | | | 2.75 |
| CAOND120671 | 432.5 | 434.0 | 1.5 | 0.172 | | | | 2.73 |
| CAOND120672 | 434.0 | 435.5 | 1.5 | 0.110 | | | | 2.74 |
| CAOND120673 | 435.5 | 437.0 | 1.5 | 0.211 | | | | 2.76 |
| CAOND120674 | 437.0 | 438.0 | 1.0 | 0.200 | | | | 2.75 |
| CAOND120676 | 438.0 | 439.0 | 1.0 | 0.172 | | | | 2.86 |
| CAOND120677 | 439.0 | 440.5 | 1.5 | 0.069 | | | | 2.75 |
| CAOND120678 | 440.5 | 442.0 | 1.5 | 0.210 | | | | 2.74 |
| CAOND120679 | 442.0 | 443.3 | 1.3 | 0.364 | | | | 2.75 |
| CAOND120681 | 443.3 | 444.5 | 1.2 | 0.058 | | | | 2.75 |
| CAOND120682 | 444.5 | 446.0 | 1.5 | 0.081 | | | | 2.75 |
| CAOND120683 | 446.0 | 447.5 | 1.5 | 0.079 | | | | 2.75 |
| CAOND120684 | 447.5 | 449.0 | 1.5 | 0.043 | | | | 2.76 |
| CAOND120685 | 449.0 | 450.5 | 1.5 | 0.081 | | | | 2.75 |
| CAOND120686 | 450.5 | 451.2 | 0.7 | 0.055 | | | | 2.76 |
| CAOND120687 | 451.2 | 452.1 | 0.9 | 0.544 | | | | 2.75 |

## Hole number: KLUC19-532

**Major:** **From:** 452.10 **To:** 480.20 I2Dp, Porphyritic Syenite

Composition: Dark purple grey fine grained matrix with 30-40% fine and medium grained phenocrysts of various shapes, porphyritic texture; I2Dp - Syenite porphyry. Magnetism: Moderately magnetic. Veinning: 2-3% irregular and chaotic qtz-cal-chl and calcite veinning. Structure: Undeformed. Alteration: Weak pervasive hematite alteration in matrix. Mineralization: 2-3% very fine grained disseminated PY and clusters of medium grained Py locally fracture filled. Lower Contact: Sharp but in broken and grinded core interval.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

452.10, 480.20, PYR, PAT, 2.00, -, FGR, 2-3% very fine grained disseminated PY and clusters of medium grained Py locally fracture filled

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

452.10, 480.20, HEM+, PEN, WEAK, -, -, -, Weak pervasive hem alteration

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

453.80, 454.00, CalChl, 40.00, -, -, -, -, -, -, -, -, Irregular patches of cal-chl veinning

470.80, 480.20, QtzCalChl, 3.00, -, -, -, -, -, -, -, -, 3% irregular qtz-cal-chl veinning 1-3cm thick at no preferred orientation

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120688 | 452.1 | 453.5 | 1.4 | 0.093 | | | | 2.73 |
| CAOND120689 | 453.5 | 455.0 | 1.5 | 0.102 | | | | 2.74 |
| CAOND120691 | 455.0 | 456.5 | 1.5 | 0.232 | | | | 2.75 |
| CAOND120692 | 456.5 | 458.0 | 1.5 | 0.282 | | | | 2.74 |
| CAOND120693 | 458.0 | 459.5 | 1.5 | 0.122 | | | | 2.73 |
| CAOND120694 | 459.5 | 461.0 | 1.5 | 0.083 | | | | 2.71 |
| CAOND120695 | 461.0 | 462.5 | 1.5 | 0.096 | | | | 2.74 |
| CAOND120696 | 462.5 | 464.0 | 1.5 | 0.102 | | | | 2.73 |
| CAOND120697 | 464.0 | 465.5 | 1.5 | 0.046 | | | | 2.75 |
| CAOND120698 | 465.5 | 467.0 | 1.5 | 0.031 | | | | 2.77 |
| CAOND120699 | 467.0 | 468.5 | 1.5 | 0.029 | | | | 2.78 |
| CAOND120701 | 468.5 | 470.0 | 1.5 | 0.027 | | | | 2.75 |
| CAOND120702 | 470.0 | 471.5 | 1.5 | 0.023 | | | | 2.74 |
| CAOND120703 | 471.5 | 473.0 | 1.5 | 0.038 | | | | 2.74 |
| CAOND120704 | 473.0 | 474.5 | 1.5 | 0.020 | | | | 2.73 |
| CAOND120705 | 474.5 | 476.0 | 1.5 | 0.007 | | | | 2.72 |
| CAOND120706 | 476.0 | 477.5 | 1.5 | 0.009 | | | | 2.70 |
| CAOND120707 | 477.5 | 479.0 | 1.5 | 0.019 | | | | 2.74 |
| CAOND120708 | 479.0 | 480.2 | 1.2 | 0.010 | | | | 2.73 |

**Major:** **From:** 480.20 **To:** 490.80 I2Dmp, Syenite mafic porphyryitic

Composition: Dark green and dark purplish grey, fine grained matrix with faintly visible anhedral medium grained phenocrysts distributed throughout, porphyritic texture; I2Dmp - Syenite mafic porphyry. Magnetism: Moderately magnetic. Veinning: 2-3% irregular and whispy calcite veinlets. Structure: Undeformed. Alteration: Weak to locally moderate carbonate alteration. Mineralization: 1-2% (locally up to 3%) fine grained Py mineralization disseminated and as random clusters. Lower Contact: Sharp but irregular and trending at 50 TCA.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

480.20, 490.80, PYR, PAT, 1.00, -, FGR, 1-2% (locally up to 3%) fine grained Py mineralization disseminated and as random clusters.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120709 | 480.2 | 481.5 | 1.3 | 0.032 | | | | 2.72 |
| CAOND120710 | 481.5 | 483.0 | 1.5 | 0.025 | | | | 2.74 |
| CAOND120711 | 483.0 | 484.5 | 1.5 | 0.048 | | | | 2.72 |
| CAOND120712 | 484.5 | 486.0 | 1.5 | 0.035 | | | | 2.73 |
| CAOND120713 | 486.0 | 487.5 | 1.5 | 0.023 | | | | 2.73 |
| CAOND120714 | 487.5 | 489.0 | 1.5 | 0.040 | | | | 2.74 |
| CAOND120716 | 489.0 | 490.0 | 1.0 | 0.030 | | | | 2.75 |
| CAOND120717 | 490.0 | 490.8 | 0.8 | 0.027 | | | | 2.76 |

**Major:** **From:** 490.80 **To:** 493.30 S, Roches sédimentaires indéterminées

Composition: Dark red to purplish red, fine grained, equigranular and massive; S - Sediments. Magnetism: Non magnetic. Veinning: 1% microfracture filled calcite. Structure: Undeformed. Alteration: Weak pervasive calcite alteration and moderate pervasive hem alteration. Mineralization: 1-2% very

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120718 | 490.8 | 492.0 | 1.2 | 0.026 | | | | 2.65 |
| CAOND120719 | 492.0 | 493.3 | 1.3 | 0.013 | | | | 2.65 |

**Hole number:** KLUC19-532

fine grained dissemianted Py Lower Contact: Sharp but jagged and irregular.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

490.80, 493.30, PYR, DIS, 1.00, -, FGR, 1-2% fine grained dissemianted Py mineralization

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

490.80, 493.30, HEM+, PEN, MOD, -, -, -, Moderate pervasive Hem alteration

**Major:** **From:** 493.30 **To:** 504.00 PORPH, porphyry

Composition: Dark red to purplish red, fine grained matrix with 25-30% medium grained white, pale grey and pale pinkish grey variably shaped phenocrysts, porphyritic texture; PORPH - Porphyry. Magnetism: Non magnetic Veinning: 1% irregular and patchy qtz-cal veinning and 2-3% microfracture filled calcite veinlets. Structure: Undeformed but weak to moderately broken/fractured core. Alteration: Moderate pervasive hem alteration. Mineralization: 3-5% fine and medium grained disseminated and clustered Py mineralization. Lower Contact: Not reached.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

493.30, 504.00, PYR, DIS, 3.00, -, FGR, 3-5% fine and medium grained disseminated and clustered Py mineralization.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

493.30, 504.00, HEM+, PEN, MOD, -, -, -, Moderate pervasive Hem alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

499.00, 504.00, BRR, MOD, -, -, -, -, Moderate broken/fractured core into 1-2 and 5-10cm thick angular pieces

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120721 | 493.3 | 495.0 | 1.7 | 0.144 | | | | 2.67 |
| CAOND120722 | 495.0 | 496.5 | 1.5 | 0.167 | | | | 2.71 |
| CAOND120723 | 496.5 | 498.0 | 1.5 | 0.065 | | | | 2.70 |
| CAOND120724 | 498.0 | 499.5 | 1.5 | 0.071 | | | | 2.70 |
| CAOND120726 | 499.5 | 501.0 | 1.5 | 0.320 | | | | 2.65 |
| CAOND120727 | 501.0 | 502.5 | 1.5 | 0.149 | | | | 2.64 |
| CAOND120728 | 502.5 | 504.0 | 1.5 | 0.039 | | | | 2.68 |

**Geochemical sample**

| Sample | From | To | Ag gpt | Al2O3 Pct | Ba ppm | CaO Pct | Cu ppm | CO2 Pct | Cr ppm | Fe2O3 Pct | K2O Pct | LOI pct | MgO pct | MnO pct | Mo ppm | Na2O pct | Ni ppm | P2O5 pct |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Pb ppm | Rb ppm | SiO2 pct | Sr ppm | Tb ppm | Tm ppm | TiO2 pct | Tl ppm | Total pct | U ppm | V ppm | W ppm | Y ppm | Yb ppm | Zn ppm | Zr ppm |
| CAOND119099 | 5.0 | 5.2 | 0.3 | 13.90 | 1,780.00 | 7.22 | 77.00 | | 70.00 | 7.95 | 2.82 | 7.6 | 4.1 | 0.2 | 1.0 | 4.2 | 24.0 | 0.4 |
| | | | 28.0 | 69.3 | 49.6 | 1 310.0 | 0.74 | 0.30 | 0.7 | 5.00 | 99.0 | 2.3 | 190.0 | 3.0 | 21.6 | 2.1 | 210.0 | 134.0 |
| CAOND119100 | 92.0 | 92.1 | 0.3 | 14.05 | 1,215.00 | 8.34 | 156.00 | | 90.00 | 8.30 | 2.82 | 7.9 | 4.3 | 0.2 | 2.0 | 4.3 | 26.0 | 0.4 |
| | | | 16.0 | 73.9 | 49.9 | 1 065.0 | 0.76 | 0.34 | 0.8 | 5.00 | 101.6 | 3.1 | 196.0 | 3.0 | 22.2 | 2.3 | 114.0 | 135.0 |
| CAOND119101 | 126.0 | 126.2 | 0.3 | 14.80 | 1,260.00 | 4.92 | 27.00 | | 140.00 | 7.54 | 4.01 | 5.8 | 4.2 | 0.2 | 3.0 | 3.8 | 38.0 | 0.3 |
| | | | 5.0 | 103.0 | 54.4 | 548.0 | 0.50 | 0.23 | 0.6 | 5.00 | 100.8 | 2.5 | 163.0 | 7.0 | 15.0 | 1.5 | 89.0 | 151.0 |

**Hole number:** KLUC19-532

| Sample | From | To | Ag gpt | Al2O3 Pct | Ba ppm | CaO Pct | Cu ppm | CO2 Pct | Cr ppm | Fe2O3 Pct | K2O Pct | LOI pct | MgO pct | MnO pct | Mo ppm | Na2O pct | Ni ppm | P2O5 pct |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Pb ppm | Rb ppm | SiO2 pct | Sr ppm | Tb ppm | Tm ppm | TiO2 pct | Tl ppm | Total pct | U ppm | V ppm | W ppm | Y ppm | Yb ppm | Zn ppm | Zr ppm |
| CAOND119102 | 172.4 | 172.5 | 0.5 | 14.10 | 1,860.00 | 5.76 | 67.00 | | 100.00 | 7.86 | 4.01 | 5.4 | 4.6 | 0.2 | 1.0 | 3.9 | 27.0 | 0.4 |
| | | | 38.0 | 88.9 | 50.7 | 1 180.0 | 0.64 | 0.26 | 0.8 | 5.00 | 98.0 | 2.5 | 202.0 | 4.0 | 19.5 | 1.7 | 230.0 | 158.0 |
| CAOND119103 | 190.4 | 190.5 | 0.3 | 15.80 | 1,060.00 | 1.98 | 39.00 | | 260.00 | 6.64 | 4.36 | 3.4 | 3.6 | 0.1 | 3.0 | 5.0 | 110.0 | 0.1 |
| | | | 5.0 | 128.0 | 56.6 | 324.0 | 0.55 | 0.25 | 0.7 | 5.00 | 98.3 | 2.0 | 149.0 | 9.0 | 17.2 | 1.6 | 44.0 | 135.0 |
| CAOND119104 | 192.8 | 193.0 | 0.3 | 10.95 | 2,080.00 | 8.92 | 104.00 | | 350.00 | 7.13 | 3.77 | 8.1 | 7.2 | 0.2 | 0.5 | 1.2 | 61.0 | 0.4 |
| | | | 1.0 | 133.5 | 48.9 | 7 220.0 | 0.85 | 0.26 | 0.7 | 5.00 | 98.5 | 2.2 | 222.0 | 4.0 | 20.9 | 1.8 | 93.0 | 105.0 |
| CAOND119105 | 198.9 | 199.0 | 0.3 | 11.35 | 1,160.00 | 1.58 | 4.00 | | 100.00 | 1.16 | 9.71 | 1.3 | 0.5 | 0.0 | 4.0 | 0.1 | 18.0 | 0.1 |
| | | | 8.0 | 190.0 | 73.5 | 287.0 | 0.21 | 0.10 | 0.3 | 10.00 | 99.8 | 2.2 | 30.0 | 5.0 | 6.4 | 0.8 | 8.0 | 138.0 |
| CAOND119106 | 206.0 | 206.2 | 0.3 | 13.35 | 1,860.00 | 5.98 | 251.00 | | 130.00 | 11.70 | 4.03 | 4.4 | 6.5 | 0.1 | 1.0 | 2.9 | 45.0 | 0.7 |
| | | | 4.0 | 85.1 | 48.0 | 919.0 | 1.29 | 0.35 | 0.8 | 5.00 | 98.8 | 1.8 | 218.0 | 5.0 | 27.6 | 2.1 | 38.0 | 173.0 |
| CAOND119107 | 214.2 | 214.3 | 0.3 | 13.60 | 1,220.00 | 3.72 | 28.00 | | 210.00 | 5.40 | 10.50 | 2.0 | 3.1 | 0.1 | 16.0 | 1.3 | 97.0 | 0.1 |
| | | | 2.0 | 220.0 | 60.1 | 243.0 | 0.41 | 0.19 | 0.5 | 10.00 | 100.6 | 2.0 | 102.0 | 6.0 | 12.5 | 1.3 | 32.0 | 104.0 |
| CAOND119108 | 257.1 | 257.3 | 0.3 | 12.40 | 2,740.00 | 3.89 | 116.00 | | 610.00 | 7.40 | 6.38 | 3.8 | 5.2 | 0.1 | 10.0 | 2.3 | 149.0 | 0.2 |
| | | | 14.0 | 230.0 | 57.4 | 3 940.0 | 0.55 | 0.24 | 0.8 | 5.00 | 100.8 | 7.1 | 164.0 | 6.0 | 16.5 | 1.9 | 65.0 | 210.0 |
| CAOND119109 | 258.8 | 258.9 | 0.3 | 11.25 | 1,190.00 | 2.27 | 254.00 | | 140.00 | 5.21 | 9.44 | 2.9 | 1.7 | 0.0 | 2.0 | 0.3 | 59.0 | 0.1 |
| | | | 5.0 | 199.0 | 66.9 | 178.5 | 0.34 | 0.15 | 0.5 | 5.00 | 100.7 | 1.7 | 78.0 | 11.0 | 10.8 | 1.4 | 21.0 | 118.0 |
| CAOND119110 | 263.6 | 263.7 | 0.3 | 13.65 | 1,435.00 | 5.44 | 240.00 | | 160.00 | 9.90 | 3.52 | 3.0 | 5.4 | 0.1 | 1.0 | 4.8 | 38.0 | 0.5 |
| | | | 1.0 | 88.5 | 51.8 | 546.0 | 0.88 | 0.30 | 0.9 | 5.00 | 99.2 | 2.2 | 210.0 | 3.0 | 23.5 | 2.1 | 62.0 | 163.0 |
| CAOND119111 | 269.6 | 269.7 | 0.3 | 11.30 | 1,205.00 | 0.74 | 13.00 | | 100.00 | 5.99 | 8.95 | 3.1 | 1.4 | 0.0 | 16.0 | 0.1 | 51.0 | 0.1 |
| | | | 13.0 | 168.0 | 67.5 | 212.0 | 0.29 | 0.15 | 0.3 | 5.00 | 99.7 | 1.9 | 52.0 | 2.0 | 10.5 | 1.1 | 18.0 | 102.0 |
| CAOND119112 | 291.0 | 291.1 | 0.3 | 15.25 | 947.00 | 4.55 | 157.00 | | 160.00 | 7.18 | 3.33 | 4.3 | 4.6 | 0.1 | 1.0 | 5.2 | 35.0 | 0.3 |
| | | | 8.0 | 111.0 | 54.8 | 517.0 | 0.61 | 0.25 | 0.7 | 5.00 | 100.4 | 2.3 | 157.0 | 5.0 | 18.6 | 2.1 | 68.0 | 143.0 |
| CAOND119113 | 298.4 | 298.5 | 0.5 | 14.40 | 1,335.00 | 3.89 | 12.00 | | 120.00 | 4.89 | 5.84 | 3.5 | 3.0 | 0.1 | 5.0 | 4.1 | 29.0 | 0.3 |
| | | | 6.0 | 147.0 | 60.9 | 406.0 | 0.49 | 0.22 | 0.4 | 5.00 | 101.5 | 2.9 | 89.0 | 7.0 | 13.5 | 1.3 | 42.0 | 135.0 |
| CAOND119114 | 304.9 | 305.0 | 0.5 | 9.39 | 783.00 | 3.58 | 45.00 | | 110.00 | 3.37 | 7.40 | 3.0 | 1.8 | 0.1 | 4.0 | 0.1 | 45.0 | 0.1 |
| | | | 11.0 | 144.0 | 71.2 | 229.0 | 0.33 | 0.16 | 0.4 | 5.00 | 100.5 | 2.1 | 61.0 | 3.0 | 8.8 | 1.1 | 26.0 | 136.0 |
| CAOND119115 | 326.8 | 327.0 | 0.6 | 12.95 | 1,605.00 | 3.17 | 78.00 | | 270.00 | 5.81 | 10.10 | 2.7 | 3.7 | 0.1 | 3.0 | 0.2 | 87.0 | 0.2 |
| | | | 16.0 | 254.0 | 59.2 | 5 010.0 | 0.61 | 0.22 | 0.6 | 5.00 | 99.5 | 3.3 | 121.0 | 2.0 | 15.1 | 1.5 | 65.0 | 194.0 |

## Hole number: KLUC19-532

| Sample | From | To | Ag gpt / Pb ppm | Al2O3 Pct / Rb ppm | Ba ppm / SiO2 pct | CaO Pct / Sr ppm | Cu ppm / Tb ppm | CO2 Pct / Tm ppm | Cr ppm / TiO2 pct | Fe2O3 Pct / Tl ppm | K2O Pct / Total pct | LOI pct / U ppm | MgO pct / V ppm | MnO pct / W ppm | Mo ppm / Y ppm | Na2O pct / Yb ppm | Ni ppm / Zn ppm | P2O5 pct / Zr ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CAOND119116 | 342.7 | 342.8 | 0.5 | 15.50 | 1,770.00 | 3.99 | 9.00 | | 120.00 | 7.31 | 3.58 | 2.1 | 3.6 | 0.1 | 3.0 | 5.9 | 42.0 | 0.3 |
| | | | 6.0 | 70.6 | 57.5 | 752.0 | 0.55 | 0.26 | 0.6 | 5.00 | 100.7 | 2.5 | 138.0 | 19.0 | 17.0 | 1.8 | 33.0 | 158.0 |
| CAOND119117 | 412.6 | 412.7 | 0.5 | 15.30 | 3,030.00 | 4.89 | 37.00 | | 30.00 | 5.54 | 3.98 | 3.9 | 2.4 | 0.1 | 0.5 | 5.5 | 15.0 | 0.4 |
| | | | 19.0 | 80.4 | 56.6 | 1 740.0 | 0.94 | 0.31 | 0.5 | 5.00 | 99.5 | 4.4 | 95.0 | 1.0 | 24.6 | 2.0 | 74.0 | 255.0 |
| CAOND119118 | 464.1 | 464.2 | 0.3 | 14.95 | 1,460.00 | 5.07 | 37.00 | | 130.00 | 7.07 | 3.39 | 4.2 | 3.6 | 0.1 | 6.0 | 5.1 | 28.0 | 0.3 |
| | | | 5.0 | 70.1 | 55.0 | 704.0 | 0.62 | 0.29 | 0.6 | 5.00 | 99.5 | 2.7 | 132.0 | 10.0 | 17.6 | 1.7 | 41.0 | 160.0 |
| CAOND119119 | 482.3 | 482.4 | 0.5 | 14.95 | 1,150.00 | 3.49 | 78.00 | | 170.00 | 7.12 | 3.08 | 3.3 | 4.2 | 0.1 | 3.0 | 5.5 | 42.0 | 0.3 |
| | | | 14.0 | 115.5 | 57.0 | 1 080.0 | 0.59 | 0.25 | 0.6 | 5.00 | 99.9 | 2.3 | 148.0 | 2.0 | 17.5 | 1.7 | 51.0 | 156.0 |
| CAOND119120 | 491.1 | 491.2 | 0.6 | 11.45 | 1,510.00 | 2.60 | 200.00 | | 110.00 | 2.32 | 8.86 | 2.2 | 1.8 | 0.1 | 9.0 | 0.3 | 52.0 | 0.1 |
| | | | 11.0 | 172.5 | 70.2 | 441.0 | 0.31 | 0.15 | 0.4 | 5.00 | 100.5 | 4.6 | 69.0 | 3.0 | 9.0 | 1.0 | 24.0 | 169.0 |
| CAOND119121 | 494.0 | 494.1 | 0.5 | 17.60 | 337.00 | 2.10 | 16.00 | | 30.00 | 1.69 | 1.70 | 2.0 | 1.6 | 0.0 | 49.0 | 8.9 | 13.0 | 0.2 |
| | | | 6.0 | 48.5 | 64.8 | 385.0 | 0.63 | 0.32 | 0.4 | 5.00 | 101.1 | 4.5 | 90.0 | 9.0 | 18.0 | 1.9 | 23.0 | 218.0 |

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 3.0 | 6.0 | 80.00 | 100.00 | | | N | |
| 6.0 | 9.0 | 97.00 | 100.00 | | | N | |
| 9.0 | 12.0 | 100.00 | 100.00 | | | N | |
| 12.0 | 15.0 | 98.00 | 100.00 | | | N | |
| 15.0 | 18.0 | 97.00 | 100.00 | | | N | |
| 18.0 | 21.0 | 100.00 | 100.00 | | | N | |
| 21.0 | 24.0 | 97.00 | 100.00 | | | N | |
| 24.0 | 27.0 | 98.00 | 100.00 | | | N | |
| 27.0 | 30.0 | 100.00 | 100.00 | | | N | |
| 30.0 | 33.0 | 97.00 | 100.00 | | | N | |
| 33.0 | 36.0 | 100.00 | 100.00 | | | N | |
| 36.0 | 39.0 | 100.00 | 100.00 | | | N | |
| 39.0 | 42.0 | 97.00 | 100.00 | | | N | |
| 42.0 | 45.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC19-532

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 45.0 | 48.0 | 100.00 | 100.00 | | | N | |
| 48.0 | 51.0 | 100.00 | 100.00 | | | N | |
| 51.0 | 54.0 | 100.00 | 100.00 | | | N | |
| 54.0 | 57.0 | 100.00 | 100.00 | | | N | |
| 57.0 | 60.0 | 100.00 | 100.00 | | | N | |
| 60.0 | 63.0 | 97.00 | 100.00 | | | N | |
| 63.0 | 66.0 | 98.00 | 100.00 | | | N | |
| 66.0 | 69.0 | 100.00 | 100.00 | | | N | |
| 69.0 | 72.0 | 100.00 | 100.00 | | | N | |
| 72.0 | 75.0 | 100.00 | 100.00 | | | N | |
| 75.0 | 78.0 | 100.00 | 100.00 | | | N | |
| 78.0 | 81.0 | 100.00 | 100.00 | | | N | |
| 81.0 | 84.0 | 100.00 | 100.00 | | | N | |
| 84.0 | 87.0 | 100.00 | 100.00 | | | N | |
| 87.0 | 90.0 | 100.00 | 100.00 | | | N | |
| 90.0 | 93.0 | 100.00 | 100.00 | | | N | |
| 93.0 | 96.0 | 98.00 | 100.00 | | | N | |
| 96.0 | 99.0 | 100.00 | 100.00 | | | N | |
| 99.0 | 102.0 | 95.00 | 100.00 | | | N | |
| 102.0 | 105.0 | 97.00 | 100.00 | | | N | |
| 105.0 | 108.0 | 100.00 | 100.00 | | | N | |
| 108.0 | 111.0 | 97.00 | 100.00 | | | N | |
| 111.0 | 114.0 | 93.00 | 100.00 | | | N | |
| 114.0 | 117.0 | 70.00 | 100.00 | | | N | |
| 117.0 | 120.0 | 83.00 | 100.00 | | | N | |
| 120.0 | 123.0 | 93.00 | 100.00 | | | N | |
| 123.0 | 126.0 | 98.00 | 100.00 | | | N | |
| 126.0 | 129.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC19-532

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 129.0 | 132.0 | 68.00 | 100.00 | | | N | |
| 132.0 | 135.0 | 97.00 | 100.00 | | | N | |
| 135.0 | 138.0 | 97.00 | 100.00 | | | N | |
| 138.0 | 141.0 | 97.00 | 100.00 | | | N | |
| 141.0 | 144.0 | 77.00 | 100.00 | | | N | |
| 144.0 | 147.0 | 92.00 | 100.00 | | | N | |
| 147.0 | 150.0 | 100.00 | 100.00 | | | N | |
| 150.0 | 153.0 | 100.00 | 100.00 | | | N | |
| 153.0 | 156.0 | 80.00 | 100.00 | | | N | |
| 156.0 | 159.0 | 93.00 | 100.00 | | | N | |
| 159.0 | 162.0 | 98.00 | 100.00 | | | N | |
| 162.0 | 165.0 | 100.00 | 100.00 | | | N | |
| 165.0 | 168.0 | 100.00 | 100.00 | | | N | |
| 168.0 | 171.0 | 100.00 | 100.00 | | | N | |
| 171.0 | 174.0 | 100.00 | 100.00 | | | N | |
| 174.0 | 177.0 | 100.00 | 100.00 | | | N | |
| 177.0 | 180.0 | 97.00 | 100.00 | | | N | |
| 180.0 | 183.0 | 100.00 | 100.00 | | | N | |
| 183.0 | 186.0 | 87.00 | 100.00 | | | N | |
| 186.0 | 189.0 | 83.00 | 100.00 | | | N | |
| 189.0 | 192.0 | 95.00 | 100.00 | | | N | |
| 192.0 | 195.0 | 73.00 | 100.00 | | | N | |
| 195.0 | 198.0 | 77.00 | 100.00 | | | N | |
| 198.0 | 201.0 | 78.00 | 100.00 | | | N | |
| 201.0 | 204.0 | 97.00 | 100.00 | | | N | |
| 204.0 | 207.0 | 60.00 | 100.00 | | | N | |
| 207.0 | 210.0 | 93.00 | 100.00 | | | N | |
| 210.0 | 213.0 | 87.00 | 100.00 | | | N | |

**Hole number:** KLUC19-532

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 213.0 | 216.0 | 67.00 | 100.00 | | | N | |
| 216.0 | 219.0 | 27.00 | 100.00 | | | N | |
| 219.0 | 222.0 | 87.00 | 100.00 | | | N | |
| 222.0 | 225.0 | 67.00 | 100.00 | | | N | |
| 225.0 | 228.0 | 60.00 | 100.00 | | | N | |
| 228.0 | 231.0 | 63.00 | 100.00 | | | N | |
| 231.0 | 234.0 | 72.00 | 100.00 | | | N | |
| 234.0 | 237.0 | 60.00 | 100.00 | | | N | |
| 237.0 | 240.0 | 92.00 | 100.00 | | | N | |
| 240.0 | 243.0 | 50.00 | 100.00 | | | N | |
| 243.0 | 246.0 | 63.00 | 100.00 | | | N | |
| 246.0 | 249.0 | 62.00 | 100.00 | | | N | |
| 249.0 | 252.0 | 73.00 | 100.00 | | | N | |
| 252.0 | 255.0 | 47.00 | 100.00 | | | N | |
| 255.0 | 258.0 | 20.00 | 100.00 | | | N | |
| 258.0 | 261.0 | 72.00 | 100.00 | | | N | |
| 261.0 | 264.0 | 72.00 | 100.00 | | | N | |
| 264.0 | 267.0 | 97.00 | 100.00 | | | N | |
| 267.0 | 270.0 | 97.00 | 100.00 | | | N | |
| 270.0 | 273.0 | 88.00 | 100.00 | | | N | |
| 273.0 | 276.0 | 92.00 | 100.00 | | | N | |
| 276.0 | 279.0 | 73.00 | 100.00 | | | N | |
| 279.0 | 282.0 | 85.00 | 100.00 | | | N | |
| 282.0 | 285.0 | 58.00 | 100.00 | | | N | |
| 285.0 | 288.0 | 60.00 | 100.00 | | | N | |
| 288.0 | 291.0 | 63.00 | 100.00 | | | N | |
| 291.0 | 294.0 | 90.00 | 100.00 | | | N | |
| 294.0 | 297.0 | 48.00 | 100.00 | | | N | |

**Hole number:** KLUC19-532

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 297.0 | 300.0 | 65.00 | 100.00 | | | N | |
| 300.0 | 303.0 | 60.00 | 100.00 | | | N | |
| 303.0 | 306.0 | 58.00 | 100.00 | | | N | |
| 306.0 | 309.0 | 53.00 | 100.00 | | | N | |
| 309.0 | 312.0 | 77.00 | 100.00 | | | N | |
| 312.0 | 315.0 | 82.00 | 100.00 | | | N | |
| 315.0 | 318.0 | 70.00 | 100.00 | | | N | |
| 318.0 | 321.0 | 90.00 | 100.00 | | | N | |
| 321.0 | 324.0 | 98.00 | 100.00 | | | N | |
| 324.0 | 327.0 | 95.00 | 100.00 | | | N | |
| 327.0 | 330.0 | 92.00 | 100.00 | | | N | |
| 330.0 | 333.0 | 100.00 | 100.00 | | | N | |
| 333.0 | 336.0 | 83.00 | 100.00 | | | N | |
| 336.0 | 339.0 | 67.00 | 100.00 | | | N | |
| 339.0 | 342.0 | 98.00 | 100.00 | | | N | |
| 342.0 | 345.0 | 93.00 | 100.00 | | | N | |
| 345.0 | 348.0 | 80.00 | 100.00 | | | N | |
| 348.0 | 351.0 | 95.00 | 100.00 | | | N | |
| 351.0 | 354.0 | 63.00 | 100.00 | | | N | |
| 354.0 | 357.0 | 33.00 | 100.00 | | | N | |
| 357.0 | 360.0 | 87.00 | 100.00 | | | N | |
| 360.0 | 363.0 | 93.00 | 100.00 | | | N | |
| 363.0 | 366.0 | 95.00 | 100.00 | | | N | |
| 366.0 | 369.0 | 83.00 | 100.00 | | | N | |
| 369.0 | 372.0 | 78.00 | 100.00 | | | N | |
| 372.0 | 375.0 | 80.00 | 100.00 | | | N | |
| 375.0 | 378.0 | 95.00 | 100.00 | | | N | |
| 378.0 | 381.0 | 98.00 | 100.00 | | | N | |

**Hole number:** KLUC19-532

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 381.0 | 384.0 | 77.00 | 100.00 | | | N | |
| 384.0 | 387.0 | 87.00 | 100.00 | | | N | |
| 387.0 | 390.0 | 23.00 | 100.00 | | | N | |
| 390.0 | 393.0 | 77.00 | 100.00 | | | N | |
| 393.0 | 396.0 | 83.00 | 100.00 | | | N | |
| 396.0 | 399.0 | 93.00 | 100.00 | | | N | |
| 399.0 | 402.0 | 90.00 | 100.00 | | | N | |
| 402.0 | 405.0 | 82.00 | 100.00 | | | N | |
| 405.0 | 408.0 | 93.00 | 100.00 | | | N | |
| 408.0 | 411.0 | 93.00 | 100.00 | | | N | |
| 411.0 | 414.0 | 85.00 | 100.00 | | | N | |
| 414.0 | 417.0 | 87.00 | 100.00 | | | N | |
| 417.0 | 420.0 | 60.00 | 100.00 | | | N | |
| 420.0 | 423.0 | 70.00 | 100.00 | | | N | |
| 423.0 | 426.0 | 63.00 | 100.00 | | | N | |
| 426.0 | 429.0 | 50.00 | 100.00 | | | N | |
| 429.0 | 432.0 | 90.00 | 100.00 | | | N | |
| 432.0 | 435.0 | 67.00 | 100.00 | | | N | |
| 435.0 | 438.0 | 98.00 | 100.00 | | | N | |
| 438.0 | 441.0 | 97.00 | 100.00 | | | N | |
| 441.0 | 444.0 | 100.00 | 100.00 | | | N | |
| 444.0 | 447.0 | 97.00 | 100.00 | | | N | |
| 447.0 | 450.0 | 100.00 | 100.00 | | | N | |
| 450.0 | 453.0 | 100.00 | 100.00 | | | N | |
| 453.0 | 456.0 | 100.00 | 100.00 | | | N | |
| 456.0 | 459.0 | 95.00 | 100.00 | | | N | |
| 459.0 | 462.0 | 75.00 | 100.00 | | | N | |
| 462.0 | 465.0 | 98.00 | 100.00 | | | N | |

**Hole number:** KLUC19-532

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 465.0 | 468.0 | 93.00 | 100.00 | | | N | |
| 468.0 | 471.0 | 100.00 | 100.00 | | | N | |
| 471.0 | 474.0 | 98.00 | 100.00 | | | N | |
| 474.0 | 477.0 | 78.00 | 100.00 | | | N | |
| 477.0 | 480.0 | 80.00 | 100.00 | | | N | |
| 480.0 | 483.0 | 80.00 | 100.00 | | | N | |
| 483.0 | 486.0 | 97.00 | 100.00 | | | N | |
| 486.0 | 489.0 | 100.00 | 100.00 | | | N | |
| 489.0 | 492.0 | 100.00 | 100.00 | | | N | |
| 492.0 | 495.0 | 100.00 | 100.00 | | | N | |
| 495.0 | 498.0 | 95.00 | 100.00 | | | N | |
| 498.0 | 501.0 | 60.00 | 100.00 | | | N | |
| 501.0 | 504.0 | 47.00 | 100.00 | | | N | |

AGNICO EAGLE

# DRILL HOLE REPORT

## EXPLORATION CANADA ONTARIO

**Hole number:** KLUC19-533 **Project Number:** U_Canada **Project name:** Upper Canada

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Historic hole number:** | | **Collar survey:** | Y | **From:** | 0.0 | **Coordinates:** | P |
| **System:** | METRIC | **Verified:** | N | **To:** | 495.0 | **Grid:** | UTM83-17_CSRS-2010: |
| **Target:** | UC_NORTHLAND | **Gas:** | N | **Depth:** | 495.0 | **North:** | 5,332,567.43 |
| **No. Claim:** | PAT-18822 | **Multishot survey:** | Y | **Location:** | Surface | **East:** | 585,793.25 |
| **Year:** | 2 019 | **Is making water:** | N | **Core storage:** | Mine Site | **Elevation:** | 355.38 |
| **Date started:** | 2019-02-23 | **Object in hole:** | Y | **Contractor:** | Asinii Drilling | **Collar dip:** | -50.44 |
| **Date logged:** | 2019-03-05 | **Pulse EM survey:** | N | **Logged by:** | Melanie Bouchard | **Collar azimuth:** | 347.40 |
| **Date completed:** | 2019-02-28 | **Plugged:** | Y | **Signature:** | Mélanie Bouchard | | |
| **Core size:** | NQ | **Cemented:** | Y | | | | |
| **Hole type:** | EXP | **Branch:** | N | | | | |
| **Casing:** | Left in Hole, capped | **Reserve:** | N | | | | |
| **Logging status:** | Signed | | | | | | |
| **Rig number:** | 2501 | | | | | | |

**Additional sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Proposed hole: UCP19-029. New and improved Asinii II drill Rig: 2501. Targeting: Northland zone at depth. Drill was aligned with Reflex rig aligner on 23-02-2019, first attempt sinking casing the casing broke. They backed up the drill 2ft and drilled the casing again during 24-02-2019.

**Assay average**

| Average type | From | To | Length | Width | Zone | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Pb_ppm | Ni_ppm | As_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WEIGHTED | 349.5 | 352.5 | 3.0 | | | 0.832 | | | | | | |
| WEIGHTED | 384.5 | 393.5 | 9.0 | | | 1.210 | | | | | | |
| WEIGHTED | 387.5 | 389.0 | 1.5 | | | 4.520 | | | | | | |
| WEIGHTED | 407.0 | 410.0 | 3.0 | | | 1.024 | | | | | | |
| WEIGHTED | 420.5 | 423.5 | 3.0 | | | 0.825 | | | | | | |

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments | Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 347.60 | -50.45 | G | | North Seaker Gyro | 0.0 | 347.40 | -50.44 | S | O | Surveyed dip and azimuth (true North) |
| 0.0 | 345.00 | -50.00 | PLANNED | | planned direction | 10.0 | 347.30 | -50.38 | G | O | North Seaker Gyro |
| 12.0 | 347.90 | -50.40 | EZ | | 56057 | 20.0 | 347.12 | -50.24 | G | O | North Seaker Gyro |
| 30.0 | 346.85 | -50.07 | G | O | North Seaker Gyro | 40.0 | 346.70 | -49.93 | G | O | North Seaker Gyro |
| 42.0 | 347.80 | -49.80 | EZ | | 55644 | 50.0 | 346.66 | -49.84 | G | O | North Seaker Gyro |
| 60.0 | 346.65 | -49.72 | G | O | North Seaker Gyro | 70.0 | 346.59 | -49.62 | G | O | North Seaker Gyro |

## Hole number: KLUC19-533

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 72.0 | 347.70 | -49.50 | EZ | | 54633 |
| 90.0 | 346.53 | -49.46 | G | O | North Seaker Gyro |
| 102.0 | 348.20 | -49.40 | EZ | | 54291 |
| 120.0 | 346.34 | -49.28 | G | O | North Seaker Gyro |
| 132.0 | 347.90 | -49.20 | EZ | | 54999 |
| 150.0 | 346.19 | -49.22 | G | O | North Seaker Gyro |
| 162.0 | 348.20 | -49.10 | EZ | | 54834 |
| 180.0 | 346.09 | -49.16 | G | O | North Seaker Gyro |
| 192.0 | 347.60 | -49.00 | EZ | | 54254 |
| 210.0 | 346.06 | -49.04 | G | O | North Seaker Gyro |
| 222.0 | 258.80 | -48.80 | EZ | | 5666 |
| 240.0 | 346.14 | -48.90 | G | O | North Seaker Gyro |
| 252.0 | 346.30 | -48.90 | EZ | | 53970 |
| 270.0 | 345.97 | -48.78 | G | O | North Seaker Gyro |
| 282.0 | 349.00 | -48.80 | EZ | | 54334 |
| 300.0 | 345.96 | -48.79 | G | O | North Seaker Gyro |
| 312.0 | 348.50 | -48.70 | EZ | | 54854 |
| 330.0 | 345.94 | -48.70 | G | O | North Seaker Gyro |
| 342.0 | 346.70 | -48.70 | EZ | | 54972 |
| 360.0 | 345.80 | -48.57 | G | O | North Seaker Gyro |
| 372.0 | 348.50 | -48.40 | EZ | | 54949 |
| 390.0 | 345.89 | -48.36 | G | O | North Seaker Gyro |
| 402.0 | 347.20 | -48.40 | EZ | | 55089 |
| 420.0 | 346.00 | -48.41 | G | O | North Seaker Gyro |
| 440.0 | 346.07 | -48.27 | G | O | North Seaker Gyro |
| 460.0 | 346.34 | -48.15 | G | O | North Seaker Gyro |
| 470.0 | 346.39 | -48.12 | G | O | North Seaker Gyro |
| 80.0 | 346.49 | -49.54 | G | O | North Seaker Gyro |
| 100.0 | 346.43 | -49.41 | G | O | North Seaker Gyro |
| 110.0 | 346.44 | -49.33 | G | O | North Seaker Gyro |
| 130.0 | 346.22 | -49.25 | G | O | North Seaker Gyro |
| 140.0 | 346.21 | -49.23 | G | O | North Seaker Gyro |
| 160.0 | 346.16 | -49.23 | G | O | North Seaker Gyro |
| 170.0 | 346.13 | -49.18 | G | O | North Seaker Gyro |
| 190.0 | 346.02 | -49.14 | G | O | North Seaker Gyro |
| 200.0 | 346.02 | -49.07 | G | O | North Seaker Gyro |
| 220.0 | 346.09 | -49.03 | G | O | North Seaker Gyro |
| 230.0 | 346.14 | -48.96 | G | O | North Seaker Gyro |
| 250.0 | 346.11 | -48.92 | G | O | North Seaker Gyro |
| 260.0 | 346.05 | -48.87 | G | O | North Seaker Gyro |
| 280.0 | 345.96 | -48.80 | G | O | North Seaker Gyro |
| 290.0 | 345.93 | -48.80 | G | O | North Seaker Gyro |
| 310.0 | 345.92 | -48.75 | G | O | North Seaker Gyro |
| 320.0 | 345.89 | -48.75 | G | O | North Seaker Gyro |
| 340.0 | 345.86 | -48.63 | G | O | North Seaker Gyro |
| 350.0 | 345.82 | -48.60 | G | O | North Seaker Gyro |
| 370.0 | 345.80 | -48.46 | G | O | North Seaker Gyro |
| 380.0 | 345.87 | -48.38 | G | O | North Seaker Gyro |
| 400.0 | 345.90 | -48.38 | G | O | North Seaker Gyro |
| 410.0 | 345.91 | -48.43 | G | O | North Seaker Gyro |
| 430.0 | 346.02 | -48.37 | G | O | North Seaker Gyro |
| 450.0 | 346.13 | -48.19 | G | O | North Seaker Gyro |
| 462.0 | 347.20 | -48.10 | EZ | | 54462 |
| 480.0 | 346.45 | -48.09 | G | O | North Seaker Gyro |

| Certificate |
|---|
| TM19055417 |
| TM19055420 |
| TM19059505 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505D19-007 | Excaon1D | CAOND120729 - CAOND120843 |
| CXE5505D19-008 | Excaon1D | CAOND120844 - CAOND120993 |
| CXE5505D19-010 | Excaon1D | CAOND120994 - CAOND121094 |

| Sample number | Standard |
|---|---|
| CAOND120730 | CDN-GS-5W |
| CAOND120745 | CDN-CM-28-AEM |
| CAOND120760 | CDN-CM-27-AEM |

## Hole number: KLUC19-533

| Certificate |
|---|
| TM19059511 |
| TM19062016 |
| TM19062022 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505D19WRA-007 | Excaon2-WRA | CAOND119122 - CAOND119129 |
| CXE5505D19WRA-008 | Excaon2-WRA | CAOND119130 - CAOND119136 |
| CXE5505D19WRA-010 | Excaon2-WRA | CAOND119137 - CAOND119145 |

*The sample list may content samples from other holes

| Sample number | Standard |
|---|---|
| CAOND120770 | BLANK-DB |
| CAOND120775 | CDN-GS-5W |
| CAOND120790 | CDN-CM-28-AEM |
| CAOND120815 | CDN-CM-27-AEM |
| CAOND120820 | BLANK-DB |
| CAOND120830 | CDN-GS-5W |
| CAOND120845 | CDN-CM-28-AEM |
| CAOND120860 | CDN-CM-27-AEM |
| CAOND120870 | BLANK-DB |
| CAOND120875 | CDN-GS-5W |
| CAOND120890 | CDN-CM-28-AEM |
| CAOND120915 | CDN-CM-27-AEM |
| CAOND120920 | BLANK-DB |
| CAOND120930 | CDN-GS-5W |
| CAOND120945 | CDN-CM-28-AEM |
| CAOND120960 | CDN-CM-27-AEM |
| CAOND120970 | BLANK-DB |
| CAOND120975 | CDN-GS-5W |
| CAOND120990 | CDN-CM-28-AEM |
| CAOND121015 | CDN-CM-27-AEM |
| CAOND121020 | BLANK-DB |
| CAOND121030 | CDN-GS-5W |
| CAOND121045 | CDN-CM-28-AEM |
| CAOND121060 | CDN-CM-27-AEM |
| CAOND121070 | BLANK-DB |
| CAOND121075 | CDN-GS-5W |
| CAOND121090 | CDN-CM-28-AEM |

**Major:** **From:** 0.00 **To:** 3.50 OVB, Overburden

Overburden/casing

**Major:** **From:** 3.50 **To:** 101.80 V8mtl, Trachyte mafic tuff lapilli

Composition: Dominantly medium to dark green matrix with medium pink random patches with minor pale grey and yellowish green intervals; moderate parallel deformation; V8mtl - Trachyte mafic tuff lapilli. Magnetism: Weak to moderate magnetism. Veinning: 3% irregular and discontinuous calcite veins throughout with random patches of 3-5% irregular qtz-carb and qtz-carb-hem veinning. Structure:

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120729 | 3.5 | 5.0 | 1.5 | 0.003 | | | | 2.74 |
| CAOND120731 | 5.0 | 6.5 | 1.5 | 0.005 | | | | 2.75 |
| CAOND120732 | 6.5 | 8.0 | 1.5 | 0.003 | | | | 2.73 |

**Hole number:** KLUC19-533

Moderate parallel deformation throughout at 40-50 TCA. Alteration: Moderate to strong patchy calcite alteration with local interval containning patch sericite alteration and carbonate bleaching. Mineralization: 0.5% very fine grained disseminated Py mineralization increasing to 3% in Se-carb altered interval. Lower Contact: Relatively sharp contact intruded by qtz-carb-hem veins. Contact is placed where textures suddenly change and become more chaotic and less parallel. 72-77 and 89-100m: More abundant subrounded lapilli clasts up 5cm in size, deformation is rare to weak with preferential alignmment no longer present or only weak. Composition of clasts and matrix remains the same.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

3.50, 15.00, PYR, DIS, .50, -, VFG, 0.5% very fine grained dissemianted Py
15.00, 21.00, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained disseminated Py
21.00, 101.80, PYR, DIS, 1.00, -, VFG, 0.5-1% very fine grained disseminated Py

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

3.50, 15.00, CAL+, PEN, MOD, -, -, -, Moderate pervasive calcite alteration
15.00, 21.00, CBT+, PEN, MOD, -, -, -, Moderate to strong pervasive carbonate bleaching
15.00, 21.00, SER+, PAT, MOD, -, -, -, Moderate patchy sericite alteration
21.00, 101.80, CAL+, PAT, MOD, -, -, -, Moderate to strong patchy calcite alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

3.50, 15.00, DFZ, MOD, 40.00, -, -, -, Moderate parallel deformation oriented at 40-50 TCA
3.50, 15.00, FOL, MOD, 40.00, -, -, -, Moderate foliation at 40-50 TCA
15.00, 21.00, DFZ, MOD, -, -, -, -, Moderate chaotic deformation with weak preferential alignmnet at 40 TCA
21.00, 71.00, DFZ, MOD, 40.00, -, -, -, Moderate parallel deformation oriented at 40-50 TCA
21.00, 71.00, FOL, MOD, 40.00, -, -, -, Moderate foliation at 40-50 TCA
71.00, 101.80, DFZ, WEAK, -, -, -, -, Weak deformation with local weak preferential alignment
71.00, 101.80, FOL, WEAK, 40.00, -, -, -, Weak preferential alignment at 40-50 TCA

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

8.00, 9.00, CAL, 5.00, -, -, -, -, -, -, -, -, -, -, 5% irregular and patchy calcite veinning
69.80, 72.00, QtzCbt, 10.00, -, -, -, -, -, -, -, -, -, -, 10% irregular qtz-carb-hem veinning dominantly 1cm thick with 1x 20cm thick irregular vein. No preferred orientation
100.70, 101.80, QtzCbt, 30.00, -, -, -, -, -, -, -, -, -, -, 30% cluster of qtz-carb-hem veinning 1-10cm thick, trending parallel to deformation at 45 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120733 | 8.0 | 9.5 | 1.5 | 0.005 | | | | 2.74 |
| CAOND120734 | 9.5 | 11.0 | 1.5 | 0.008 | | | | 2.78 |
| CAOND120735 | 11.0 | 12.5 | 1.5 | 0.008 | | | | 2.74 |
| CAOND120736 | 12.5 | 14.0 | 1.5 | 0.003 | | | | 2.75 |
| CAOND120737 | 14.0 | 15.5 | 1.5 | 0.007 | | | | 2.76 |
| CAOND120738 | 15.5 | 16.5 | 1.0 | 0.010 | | | | 2.78 |
| CAOND120739 | 16.5 | 18.0 | 1.5 | 0.010 | | | | 2.77 |
| CAOND120740 | 18.0 | 19.5 | 1.5 | 0.005 | | | | 2.76 |
| CAOND120741 | 19.5 | 21.0 | 1.5 | 0.015 | | | | 2.76 |
| CAOND120742 | 21.0 | 22.5 | 1.5 | 0.009 | | | | 2.77 |
| CAOND120743 | 22.5 | 24.0 | 1.5 | 0.010 | | | | 2.86 |
| CAOND120744 | 24.0 | 25.5 | 1.5 | 0.003 | | | | 2.84 |
| CAOND120746 | 25.5 | 27.0 | 1.5 | 0.003 | | | | 2.80 |
| CAOND120747 | 27.0 | 28.5 | 1.5 | 0.013 | | | | 2.81 |
| CAOND120748 | 28.5 | 30.0 | 1.5 | 0.025 | | | | 2.82 |
| CAOND120749 | 30.0 | 31.5 | 1.5 | 0.011 | | | | 2.81 |
| CAOND120751 | 31.5 | 33.0 | 1.5 | 0.010 | | | | 2.78 |
| CAOND120752 | 33.0 | 34.5 | 1.5 | 0.009 | | | | 2.80 |
| CAOND120753 | 34.5 | 36.0 | 1.5 | 0.007 | | | | 2.76 |
| CAOND120754 | 66.9 | 67.9 | 1.0 | 0.007 | | | | 2.76 |
| CAOND120755 | 67.9 | 68.9 | 1.0 | 0.009 | | | | 2.75 |
| CAOND120756 | 68.9 | 69.9 | 1.0 | 0.015 | | | | 2.71 |
| CAOND120757 | 69.9 | 71.0 | 1.1 | 0.005 | | | | 2.71 |
| CAOND120758 | 71.0 | 72.0 | 1.0 | 0.011 | | | | 2.80 |
| CAOND120759 | 72.0 | 73.5 | 1.5 | 0.022 | | | | 2.71 |
| CAOND120761 | 73.5 | 75.0 | 1.5 | 0.014 | | | | 2.76 |
| CAOND120762 | 97.5 | 99.0 | 1.5 | 0.003 | | | | 2.76 |
| CAOND120763 | 99.0 | 100.5 | 1.5 | 0.003 | | | | 2.74 |
| CAOND120764 | 100.5 | 101.8 | 1.3 | 0.048 | | | | 2.79 |

**Major:** **From:** 101.80 **To:** 149.00 V8, Trachyte

Composition: Dominantly medium to dark purplish red with minor medium to dark green intervals and

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120765 | 101.8 | 103.0 | 1.2 | 0.036 | | | | 2.72 |

**Hole number:** KLUC19-533

medium greenish beige, fine to medium grained with a chaotic texture; V8 - Trachyte. Magnetism: Moderately magnetic. Veinning: Less than 1% irregular and discontinuous patches of carb veinning. Structure: Weak to moderate chaotic deformation with localy intervals of weak preferential alignment at 40-50 TCA. Alteration: Moderate to strong pervasive calcite alteration with minor weakly bleached intervals with weak Se alteration? Mineralization: 2-3% fine grained disseminated Py mineralization. Lower Contact: Brecciated and irregular 106.1-108.5m=Appears to be same composition as major unit with similar pink and green colour but there is a texture change and relatively sharp contacts. Tuffaceous unit? with weak to moderate preferential alignment at 40-50 TCA. 117-121m= appears to be same as major unit but interval of increased alteration and bleached? Increase in Py mineralization also observed. 122.2-123.1m= Minor mafic tuffaceous unit? 129-133m = random chaotic patches of medium brown Se or Si alteration? 143.5-149m= in-situ brecciation? moderate brittly deformation.

**MINOR INTERVAL**

122.20 - 123.10: V8mtMinor medium to dark green mafic tuffaceous unit with weak to moderate parallel deformation at 40-50 TCA and 2-3% medium grained dissemianted Py. Contacts are sharp but slightly wavy; oriented at 40 TCA

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

101.80, 117.00, PYR, DIS, 2.00, -, FGR, 2-3% fine grained disseminated Py
117.00, 121.00, PYR, DIS, 3.00, -, MGR, 3-5% fine and medium grained disseminated and locally clustered Py
121.00, 129.00, PYR, DIS, 2.00, -, FGR, 2-3% fine grained disseminated Py
129.00, 134.00, PYR, DIS, 3.00, -, MGR, 3-5% fine and medium grained disseminated and locally clustered Py
134.00, 149.00, PYR, DIS, 1.00, -, FGR, 1-2% fine grained dissemianted Py

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

101.80, 141.00, CAL+, PEN, MOD, -, -, -, Moderate to strong pervasive calcite alteration
117.00, 121.00, SER+, PEN, WEAK, -, -, -, Weak to moderate Se alteration?

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

101.80, 143.50, DFZ, WEAK, -, -, -, -, Weak chaotic deformation with local weakly foliated intervals
106.10, 108.50, FOL, WEAK, 40.00, -, -, -, Weak to moderate preferential alignment at 40-50 TCA
122.20, 123.10, FOL, WEAK, 40.00, -, -, -, Weak to moderate preferential alignment at 40-50 TCA
143.50, 149.00, BRC, MOD, -, -, -, -, Weak to moderate in-situ brecciation?
143.50, 149.00, DFZ, MOD, -, -, -, -, Moderate brittle deformation

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120766 | 103.0 | 104.0 | 1.0 | 0.042 | | | | 2.67 |
| CAOND120767 | 104.0 | 105.0 | 1.0 | 0.122 | | | | 2.73 |
| CAOND120768 | 105.0 | 106.1 | 1.1 | 0.109 | | | | 2.67 |
| CAOND120769 | 106.1 | 107.2 | 1.1 | 0.055 | | | | 2.72 |
| CAOND120771 | 107.2 | 108.5 | 1.3 | 0.029 | | | | 2.73 |
| CAOND120772 | 108.5 | 110.0 | 1.5 | 0.106 | | | | 2.73 |
| CAOND120773 | 110.0 | 111.5 | 1.5 | 0.026 | | | | 2.72 |
| CAOND120774 | 111.5 | 113.0 | 1.5 | 0.052 | | | | 2.71 |
| CAOND120776 | 113.0 | 114.5 | 1.5 | 0.047 | | | | 2.70 |
| CAOND120777 | 114.5 | 116.0 | 1.5 | 0.061 | | | | 2.72 |
| CAOND120778 | 116.0 | 117.5 | 1.5 | 0.081 | | | | 2.74 |
| CAOND120779 | 117.5 | 119.0 | 1.5 | 0.125 | | | | 2.76 |
| CAOND120781 | 119.0 | 120.0 | 1.0 | 0.095 | | | | 2.79 |
| CAOND120782 | 120.0 | 121.0 | 1.0 | 0.066 | | | | 2.71 |
| CAOND120783 | 121.0 | 122.2 | 1.2 | 0.026 | | | | 2.70 |
| CAOND120784 | 122.2 | 123.1 | 0.9 | 0.421 | | | | 2.72 |
| CAOND120785 | 123.1 | 124.5 | 1.4 | 0.098 | | | | 2.73 |
| CAOND120786 | 124.5 | 126.0 | 1.5 | 0.303 | | | | 2.73 |
| CAOND120787 | 126.0 | 127.5 | 1.5 | 0.130 | | | | 2.74 |
| CAOND120788 | 127.5 | 129.0 | 1.5 | 0.098 | | | | 2.72 |
| CAOND120789 | 129.0 | 130.0 | 1.0 | 0.161 | | | | 2.78 |
| CAOND120791 | 130.0 | 131.0 | 1.0 | 0.124 | | | | 2.78 |
| CAOND120792 | 131.0 | 132.0 | 1.0 | 0.179 | | | | 2.80 |
| CAOND120793 | 132.0 | 133.0 | 1.0 | 0.114 | | | | 2.76 |
| CAOND120794 | 133.0 | 134.5 | 1.5 | 0.150 | | | | 2.74 |
| CAOND120795 | 134.5 | 136.0 | 1.5 | 0.051 | | | | 2.72 |
| CAOND120796 | 136.0 | 137.5 | 1.5 | 0.017 | | | | 2.71 |
| CAOND120797 | 137.5 | 139.0 | 1.5 | 0.032 | | | | 2.72 |
| CAOND120798 | 139.0 | 140.5 | 1.5 | 0.049 | | | | 2.72 |
| CAOND120799 | 140.5 | 142.0 | 1.5 | 0.043 | | | | 2.74 |
| CAOND120801 | 142.0 | 143.5 | 1.5 | 0.041 | | | | 2.73 |
| CAOND120802 | 143.5 | 145.0 | 1.5 | 0.028 | | | | 2.73 |
| CAOND120803 | 145.0 | 146.5 | 1.5 | 0.342 | | | | 2.74 |

**Hole number:** KLUC19-533

117.00, 121.00, CBT, 2.00, -, -, -, -, -, -, -, -, -, 2% irregular, jagged and discontinuous carb veinning
130.00, 133.00, CBT, 3.00, -, -, -, -, -, -, -, -, -, 3% irregular and patchy carbonate veinning

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120804 | 146.5 | 148.0 | 1.5 | 0.033 | | | | 2.71 |
| CAOND120805 | 148.0 | 149.0 | 1.0 | 0.033 | | | | 2.72 |

**Major:** **From:** 149.00 **To:** 157.20 I2Dp, Porphyritic Syenite

Composition: Medium to dark red, chaotic brittlely deformed, weakly porphyritic; I2Dp - Syenite porphyry. Magnetism: non magnetic. Veinning: 1% irregular, mm scale, white qtz-carb veinning. Structure: Moderate chaotic brittle deformation and brecciation. Alteration: Moderate pervasive hem/kspar alteration. Mineralization: 3-5% fine grained disseminated and clustered Py mineralization. Lower Contact: Sharp but irregular.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

149.00, 157.20, PYR, DIS, 3.00, -, FGR, 3-5% fine grained disseminated and clsutered Py
157.10, 157.20, PYR, DIS, 3.00, -, FGR, 2-3% fine grained disseminated Py mineralization with local intervals containning up to 5% disseminated Py and local 4mm thick semi-massive medium grained clusters of PY.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

149.00, 157.20, HEM+, PEN, MOD, -, -, -, Moderate pervasive hem/kspar alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

149.00, 157.10, BRC, MOD, -, -, -, -, Moderate chaotic brecciation
149.00, 157.10, DFZ, MOD, -, -, -, -, Moderate chaotic brittle deformation
157.10, 157.20, BRC, WEAK, -, -, -, -, Weak to moderate brecciation
157.10, 157.20, DFZ, WEAK, -, -, -, -, Weak to moderate chaotic brittle deofrmation

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

149.00, 157.10, QtzCbt, 2.00, -, -, -, -, -, -, -, -, -, 2% mm scale qtz-carb veinning with irregular and wavy contacts but dominantly trending at 20-30 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120806 | 149.0 | 150.5 | 1.5 | 0.032 | | | | 2.72 |
| CAOND120807 | 150.5 | 152.0 | 1.5 | 0.148 | | | | 2.74 |
| CAOND120808 | 152.0 | 153.5 | 1.5 | 0.144 | | | | 2.74 |
| CAOND120809 | 153.5 | 155.0 | 1.5 | 0.271 | | | | 2.73 |
| CAOND120810 | 155.0 | 156.0 | 1.0 | 0.042 | | | | 2.73 |
| CAOND120811 | 156.0 | 157.2 | 1.2 | 0.058 | | | | 2.75 |

**Major:** **From:** 157.20 **To:** 165.60 V8, Trachyte

Composition: Medium to dark red and dark purplish grey, fine to medium grained with a chaotic and brecciated texture,possibly trachyte? or sediment?; V8 - Trachyte. Magnetism: Weakly magnetic. Veinning: Less than 1% irregular and discontinuous patches of carb veinning. Structure: Moderate chaotic deformation and brecciation. Alteration: Weak to moderate patchy hem/kspar alteration? Mineralization: 2-3% fine grained disseminated Py mineralization with local intervals containning up to 5% disseminated Py and 2% local 4mm thick semi-massive medium grained clusters of PY. Lower Contact: Irregular but sharp.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120812 | 157.2 | 158.5 | 1.3 | 0.036 | | | | 2.72 |
| CAOND120813 | 158.5 | 160.0 | 1.5 | 0.038 | | | | 2.72 |
| CAOND120814 | 160.0 | 161.5 | 1.5 | 0.092 | | | | 2.71 |
| CAOND120816 | 161.5 | 163.0 | 1.5 | 0.065 | | | | 2.70 |
| CAOND120817 | 163.0 | 164.5 | 1.5 | 0.079 | | | | 2.70 |
| CAOND120818 | 164.5 | 165.6 | 1.1 | 0.086 | | | | 2.70 |

**Hole number:** KLUC19-533

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
157.20, 165.60, PYR, DIS, 3.00, -, FGR, 2-3% fine grained disseminated Py mineralization with local intervals containning up to 5% disseminated Py and local 4mm thick semi-massive medium grained clusters of PY.

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
157.20, 165.60, BRC, WEAK, -, -, -, -, Weak to moderate brecciation
157.20, 165.60, DFZ, WEAK, -, -, -, -, Weak to moderate chaotic brittle deofrmation

**Major:** **From:** 165.60 **To:** 185.00 S1, CONGLOMÉRAT

Composition: Various shades of pink and red, dark grey to greenish grey colours, mixture of brecciated trachyte and conglomerate? Majority of clasts appears to be syenite to trachytic composition but also contains clasts of other compositions. Clasts/pebbles are angular to subrounded and 1cm thick with minor clasts 2-5cm and rarely up to 10cm in size; S1 - Conglomerate. Magnetism: Moderately magnetic. Veinning: 1% mm scale, irregular qtz-carb veinlets. Structure: Weak chaotic deformation. Alteration: Variable. Mineralization: 3-5% fine and medium grained dissemianted and clustered Py mineralization. Lower Contact: Sharp but slightly irregular.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
165.60, 185.00, PYR, DIS, 3.00, -, FGR, 3-5% fine and medium grained dissemianted and clustered Py mineralization.

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
165.60, 185.00, DFZ, WEAK, -, -, -, -, Weak chaotic deformation

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120819 | 165.6 | 166.5 | 0.9 | 0.075 | | | | 2.71 |
| CAOND120821 | 166.5 | 168.0 | 1.5 | 0.072 | | | | 2.72 |
| CAOND120822 | 168.0 | 169.5 | 1.5 | 0.071 | | | | 2.72 |
| CAOND120823 | 169.5 | 171.0 | 1.5 | 0.046 | | | | 2.71 |
| CAOND120824 | 171.0 | 172.5 | 1.5 | 0.079 | | | | 2.71 |
| CAOND120826 | 172.5 | 174.0 | 1.5 | 0.099 | | | | 2.73 |
| CAOND120827 | 174.0 | 175.5 | 1.5 | 0.169 | | | | 2.75 |
| CAOND120828 | 175.5 | 177.0 | 1.5 | 0.070 | | | | 2.73 |
| CAOND120829 | 177.0 | 178.5 | 1.5 | 0.122 | | | | 2.73 |
| CAOND120831 | 178.5 | 180.0 | 1.5 | 0.259 | | | | 2.74 |
| CAOND120832 | 180.0 | 181.5 | 1.5 | 0.075 | | | | 2.75 |
| CAOND120833 | 181.5 | 183.0 | 1.5 | 0.030 | | | | 2.74 |
| CAOND120834 | 183.0 | 184.0 | 1.0 | 0.076 | | | | 2.75 |
| CAOND120835 | 184.0 | 185.0 | 1.0 | 0.238 | | | | 2.76 |

**Major:** **From:** 185.00 **To:** 189.60 V8, Trachyte

Composition: Dark purplish grey to greenish grey, medium grained, relatively massive; V8 - Trachyte. Magnetism: Moderately magnetic. Veinning: Less than 1% whispy calcite veinlets. Structure: Non to weakly deformed. Alteration: Moderate pervasive calcite alteration. Mineralization: 3-5% clustered fine and medium grained Py. Lower Contact: Sharp but slightly irregular; trending at 80 TCA.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
185.00, 189.60, PYR, PAT, 3.00, -, FGR, 3-5% clustered fine and medium grained Py.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
185.00, 189.60, CAL+, PEN, MOD, -, -, -, Moderate pervasive calcite alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120836 | 185.0 | 186.5 | 1.5 | 0.375 | | | | 2.80 |
| CAOND120837 | 186.5 | 188.0 | 1.5 | 0.442 | | | | 2.81 |
| CAOND120838 | 188.0 | 189.0 | 1.0 | 0.341 | | | | 2.79 |
| CAOND120839 | 189.0 | 189.6 | 0.6 | 0.372 | | | | 2.81 |

## Hole number: KLUC19-533

**Major:** **From:** 189.60 **To:** 191.80 I2Dp, Porphyritic Syenite

Composition: Medium pinkish purple, medium grained and weakly porphyritic; I2Dp - Syenite porphyry. Magnetism: Weakly magnetic. Veinning: 2% mm scale chaotic and discontinuous calcite veinlets. Structure: Weak brittle deformation and microfracturing. Alteration: Weak pervasive calcite alteration. Mineralization: 3-5% fine grained dissemianted and clustered Py Lower Contact: Broken core

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

189.60, 191.80, PYR, DIS, 3.00, -, FGR, 3-5% disseminated and clustered Py mineralization

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

189.60, 191.80, CAL+, PEN, WEAK, -, -, -, Weak pervasive calcite alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120840 | 189.6 | 191.0 | 1.4 | 0.394 | | | | 2.72 |
| CAOND120841 | 191.0 | 191.8 | 0.8 | 0.656 | | | | 2.74 |

**Major:** **From:** 191.80 **To:** 199.70 I2D, Syénite

Composition: Medium purplish grey, fine to medium grained, relatively massive; I2D - Syenite. Magnetism: Moderately magnetic. Veinning: 1% irregular, chaotic and discontinuous calcite veinlets. Structure: Undeformed. Alteration: Weak to moderate pervasive calcite alteration. Mineralization: 2-3% fine grained disseminated Py. Lower Contact: Sharp and oriented at 45 TCA.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

191.80, 199.70, PYR, DIS, 2.00, -, FGR, 2-3% fine grained disseminated Py

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120842 | 191.8 | 193.0 | 1.2 | 0.224 | | | | 2.75 |
| CAOND120843 | 193.0 | 194.5 | 1.5 | 0.067 | | | | 2.74 |
| CAOND120844 | 194.5 | 196.0 | 1.5 | 0.072 | | | | 2.75 |
| CAOND120846 | 196.0 | 197.5 | 1.5 | 0.052 | | | | 2.73 |
| CAOND120847 | 197.5 | 198.5 | 1.0 | 0.120 | | | | 2.73 |
| CAOND120848 | 198.5 | 199.7 | 1.2 | 0.153 | | | | 2.75 |

**Major:** **From:** 199.70 **To:** 204.50 V8, Trachyte

Composition: Dark grey to greenish grey, fine grained and massive; V8 - Trachyte. Magnetism: Non magnetic. Veinning: 5-10% irregular,chaotic and discontinuous microfractures with calcite. Structure: undeformed. Alteration: Moderate patchy calcite alteration. Mineralization: 3-5% fine and medium grained clustered Py mineralization. Lower Contact: Faintly visible, sharp, irregular, oriented at 90 TCA

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

199.70, 204.50, PYR, DIS, 3.00, -, FGR, 3-5% fine and medium grained clustered Py mineralization.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120849 | 199.7 | 201.0 | 1.3 | 0.085 | | | | 2.74 |
| CAOND120851 | 201.0 | 202.5 | 1.5 | 0.245 | | | | 2.77 |
| CAOND120852 | 202.5 | 203.5 | 1.0 | 0.564 | | | | 2.76 |
| CAOND120853 | 203.5 | 204.5 | 1.0 | 0.640 | | | | 2.78 |

**Major:** **From:** 204.50 **To:** 233.60 I2Dmp, Syenite mafic porphyryitic

Composition: Dark red to purplish red, fine grained matrix with 3-5% medium grained anhedral amp crystals and 2-3% felspar? phenocrysts, weakly porphyritic texture. I2Dmp - Syenite mafic porphyry. Magnetism: Moderately magnetic. Veinning: 5% irregular,chaotic and discontinuous cal-chl veinning. Structure: Undeformed. Alteration: Moderate pervasive hem alteration. Mineralization: 1-2% gradually increasing to 2-3% very fine to fine grained disseminated Py, locally clustered. Lower Contact: Sharp but irregular.

**MINOR INTERVAL**

233.00 - 233.60: CTZPossible a porphyry intrusion differing from adjacant V8Gs intrusion or a metamorphosed and altered contact zone between the porphyritic V8Gs and strongly altered

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120854 | 204.5 | 206.0 | 1.5 | 0.101 | | | | 2.74 |
| CAOND120855 | 206.0 | 207.5 | 1.5 | 0.096 | | | | 2.74 |
| CAOND120856 | 207.5 | 209.0 | 1.5 | 0.075 | | | | 2.75 |
| CAOND120857 | 209.0 | 210.5 | 1.5 | 0.031 | | | | 2.76 |
| CAOND120858 | 210.5 | 212.0 | 1.5 | 0.058 | | | | 2.78 |
| CAOND120859 | 212.0 | 213.5 | 1.5 | 0.037 | | | | 2.77 |
| CAOND120861 | 213.5 | 215.0 | 1.5 | 0.044 | | | | 2.78 |

**Hole number:** KLUC19-533

conglomerate. contains 3-5% very fine grained Py. Upper contact intruded by qtz vein and lower contact is irregular and wavy.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
204.50, 217.00, PYR, DIS, 2.00, -, VFG, 2-3% very fine to fine grained dissemianted Py
217.00, 233.60, PYR, DIS, 2.00, -, FGR, 2-3% fine grained disseminated and clustered Py mineralization

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
204.50, 233.60, HEM+, PEN, MOD, -, -, -, Moderate pervasive hem alteration

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
204.50, 211.00, CalChl, 3.00, -, -, -, -, -, -, -, -, -, 3-5% irregular, chaotic, discontinuous cal-chl veinning
219.00, 220.00, CalChl, 1.00, -, -, -, -, -, -, -, -, -, 1-2% irregular white calcite veinning
232.90, 233.00, QTZ, 1.00, -, -, -, -, -, -, -, -, -, 0.5cm thick medium grey qtz-carb vein oriented at 40 TCA and contains 1% diss. PY

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120862 | 215.0 | 216.5 | 1.5 | 0.015 | | | | 2.76 |
| CAOND120863 | 216.5 | 218.0 | 1.5 | 0.144 | | | | 2.80 |
| CAOND120864 | 218.0 | 219.5 | 1.5 | 0.084 | | | | 2.75 |
| CAOND120865 | 219.5 | 221.0 | 1.5 | 0.023 | | | | 2.79 |
| CAOND120866 | 221.0 | 222.0 | 1.0 | 0.031 | | | | 2.77 |
| CAOND120867 | 222.0 | 223.0 | 1.0 | 0.043 | | | | 2.77 |
| CAOND120868 | 223.0 | 224.5 | 1.5 | 0.098 | | | | 2.77 |
| CAOND120869 | 224.5 | 226.0 | 1.5 | 0.049 | | | | 2.73 |
| CAOND120871 | 226.0 | 227.5 | 1.5 | 0.098 | | | | 2.70 |
| CAOND120872 | 227.5 | 229.0 | 1.5 | 0.299 | | | | 2.72 |
| CAOND120873 | 229.0 | 230.5 | 1.5 | 0.070 | | | | 2.72 |
| CAOND120874 | 230.5 | 232.0 | 1.5 | 0.081 | | | | 2.73 |
| CAOND120876 | 232.0 | 233.0 | 1.0 | 0.047 | | | | 2.77 |
| CAOND120877 | 233.0 | 233.6 | 0.6 | 0.065 | | | | 2.84 |

**Major:** **From:** 233.60 **To:** 234.20 S, Roches sédimentaires indéterminées

Composition: Medium pinish brown, fine grained, equigranular and massive, weakly deformed; S - sediment. Magnetism: Non magnetic. Veinning: Rare mm scale whispy calcite veinlets. Structure: Weakly deformed. Alteration: Weak kspar? alteration. Mineralization: 1% very fine grained disseminated Py. Lower Contact: irregular and wavy, blanketing conglomerate pebbles from adjacent unit.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
233.60, 234.20, PYR, DIS, 1.00, -, VFG, 1% very fine graiend dissemianted Py

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120878 | 233.6 | 234.2 | 0.6 | 0.024 | | | | 2.70 |

**Major:** **From:** 234.20 **To:** 239.00 S1, CONGLOMÉRAT

Composition: Various colour and shades of colours, strongly altered and weakly deformed polymitic pebble supported Py mineralized conglomerate. Pebbles vary in shapes and size, dominantly subrounded to rounde but locally brittlely deformed into angular fragments; S1 - Conglomerate. Magnetism: Non magnetic. Veinning: 1% irregular, mm scale and discontinuous calcite veinlets. Structure: Weak chaotic deformation. Alteration: Moderate to strong unknown alteration, possible hem-carb? Mineralization: 5% very fine grained dusting of Py mineralization in matrix, 2-3% fine and medium grained Py disseminated in pebbles, rimming pebble-matrix contacts and in matrix. Lower Contact: Sharp but irregular.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
234.20, 239.00, PYR, DIS, 5.00, -, VFG, 5% very fine grained dusting of Py mineralization in matrix, 2-3% fine and medium grained Py disseminated in pebbles, rimming pebble-matrix contacts and in matrix.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120879 | 234.2 | 235.5 | 1.3 | 0.031 | | | | 2.72 |
| CAOND120881 | 235.5 | 237.0 | 1.5 | 0.029 | | | | 2.71 |
| CAOND120882 | 237.0 | 238.0 | 1.0 | 0.012 | | | | 2.73 |
| CAOND120883 | 238.0 | 239.0 | 1.0 | 0.047 | | | | 2.70 |

**Hole number:** KLUC19-533

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
234.20, 239.00, CBT+, PAT, MOD, -, -, -, Moderate to strong carb-hem? alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
234.20, 239.00, DFZ, WEAK, -, -, -, -, Weak to moderate choatic deformation of altered conglomerate, locally brittely deforming pebbles into fragments

**Major:** **From:** 239.00 **To:** 240.60 I2Dmp, Syenite mafic porphyryitic

Composition: Dark red to purplish red, fine grained matrix with 3-5% medium grained anhedral amp crystals and 2-3% felspar? phenocrysts, weakly porphyritic texture. I2Dmp - Syenite mafic porphyry. Magnetism: Moderately magnetic. Veinning: 1-2% irregular,chaotic and discontinuous cal-chl veinning. Structure: Undeformed. Alteration: Moderate pervasive hem alteration. Mineralization: 2-3% very fine to fine grained disseminated Py. Lower Contact: Sharp but irregular.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
239.00, 240.60, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained disseminated Py

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
239.00, 240.60, HEM+, PEN, WEAK, -, -, -, Weak pervasive hem

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120884 | 239.0 | 240.0 | 1.0 | 0.029 | | | | 2.72 |
| CAOND120885 | 240.0 | 240.6 | 0.6 | 0.044 | | | | 2.75 |

**Major:** **From:** 240.60 **To:** 242.20 S1, CONGLOMÉRAT

Composition: Various colour and shades of colours, strongly altered and weakly deformed polymitic pebble supported Py mineralized conglomerate. Pebbles vary in shapes and size, dominantly subrounded to rounde but locally brittlely deformed into angular fragments; S1 - Conglomerate. Magnetism: Non magnetic. Veinning: 1% irregular, mm scale and discontinuous calcite veinlets. Structure: Weak chaotic deformation. Alteration: Moderate to strong unknown alteration, possible hem-carb? Mineralization: 5% very fine grained dusting of Py mineralization in matrix increasing to 10% and weakly clustered Py towards lower contact. Lower Contact: Sharp but slightly irregular. Trending a 0 TCA over 20cm

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
240.60, 242.20, PYR, DIS, 5.00, -, FGR, 5% very fine grained dusting of Py mineralization in matrix increasing to 10% and weakly clustered Py towards lower contact.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
240.60, 242.20, CBT+, PAT, MOD, -, -, -, Moderate to strong carb-hem? alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120886 | 240.6 | 241.3 | 0.7 | 0.026 | | | | 2.67 |
| CAOND120887 | 241.3 | 242.2 | 0.9 | 0.106 | | | | 2.83 |

## Hole number: KLUC19-533

**Major:** **From:** 242.20 **To:** 256.70 I2Dmp, Syenite mafic porphyryitic

Composition: Dark red to purplish red, fine grained matrix with 3-5% medium grained anhedral amp crystals and 2-3% felspar? phenocrysts, weakly porphyritic texture. I2Dmp - Syenite mafic porphyry. Magnetism: Moderately magnetic. Veinning: 1-2% irregular,chaotic and discontinuous cal-chl veinning. Structure: Undeformed. Local moderate broken/fractured core Alteration: Moderate pervasive hem alteration. Mineralization: 1-2% very fine to fine grained disseminated Py. Lower Contact: Sharp but irregular.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

242.20, 254.50, PYR, DIS, 1.00, -, FGR, 1-2% fine grained disseminated Py

254.50, 256.70, PYR, DIS, 3.00, -, FGR, 3-5% fine to medium grained disseminated and clustered Py

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

242.20, 256.70, HEM+, PEN, WEAK, -, -, -, Weak pervasive hem

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

243.00, 249.00, BRR, MOD, -, -, -, -, Weak to moderate broken/fractured core into 1-3 and 5-10cm thick angular pieces

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120888 | 242.2 | 243.5 | 1.3 | 0.103 | | | | 2.75 |
| CAOND120889 | 243.5 | 245.0 | 1.5 | 0.027 | | | | 2.74 |
| CAOND120891 | 245.0 | 246.5 | 1.5 | 0.048 | | | | 2.75 |
| CAOND120892 | 246.5 | 248.0 | 1.5 | 0.109 | | | | 2.73 |
| CAOND120893 | 248.0 | 249.5 | 1.5 | 0.080 | | | | 2.70 |
| CAOND120894 | 249.5 | 251.0 | 1.5 | 0.108 | | | | 2.73 |
| CAOND120895 | 251.0 | 252.5 | 1.5 | 0.062 | | | | 2.71 |
| CAOND120896 | 252.5 | 254.0 | 1.5 | 0.038 | | | | 2.71 |
| CAOND120897 | 254.0 | 255.0 | 1.0 | 0.051 | | | | 2.69 |
| CAOND120898 | 255.0 | 256.0 | 1.0 | 0.086 | | | | 2.74 |
| CAOND120899 | 256.0 | 256.7 | 0.7 | 0.213 | | | | 2.73 |

**Major:** **From:** 256.70 **To:** 259.00 S1, CONGLOMÉRAT

Composition: Various colour and shades of colours, strongly altered and weakly deformed polymitic pebble supported Py mineralized conglomerate. Pebbles vary in shapes and size, dominantly subrounded to rounde but locally brittlely deformed into angular fragments; S1 - Conglomerate. Magnetism: Non magnetic. Veinning: 1% irregular, mm scale and discontinuous calcite veinlets. Structure: Weak chaotic deformation. Alteration: Moderate to strong unknown alteration, possible hem-carb? Mineralization: 5% very fine grained dusting of Py mineralization. Lower Contact: Sharp but irregular.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

256.70, 259.00, PYR, DIS, 5.00, -, VFG, 5% very fine graiend Py dusting

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120901 | 256.7 | 258.0 | 1.3 | 0.091 | | | | 2.70 |
| CAOND120902 | 258.0 | 259.0 | 1.0 | 0.082 | | | | 2.74 |

**Major:** **From:** 259.00 **To:** 265.70 PORPH, porphyry

Composition: Dominantly dark grey to purplish grey with medium orangish red patches, porphyritic texture, doesn`t appear texturally or compositionally the same as previous V8Gs porphyry; PORPH - Porphyry. Magnetism: Non magnetic. Veinning: 1% qtz-carb-chl veinning and 1-2% mm scale calcite microfractures. Structure: Undeformed. Alteration: 2m thick interval of moderate pervasive kspar? alteration, 263.5-265.7m= weak porous/pitted possibly strong carb alteration? Mineralization: 2-3% fine grained disseminated Py. Lower Contact: Sharp and straight; oriented at 40 TCA.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120903 | 259.0 | 260.5 | 1.5 | 0.076 | | | | 2.77 |
| CAOND120904 | 260.5 | 261.6 | 1.1 | 0.083 | | | | 2.73 |
| CAOND120905 | 261.6 | 262.5 | 0.9 | 0.034 | | | | 2.63 |
| CAOND120906 | 262.5 | 263.5 | 1.0 | 0.032 | | | | 2.60 |
| CAOND120907 | 263.5 | 264.5 | 1.0 | 0.059 | | | | 2.61 |
| CAOND120908 | 264.5 | 265.7 | 1.2 | 0.079 | | | | 2.66 |

## Hole number: KLUC19-533

259.00, 265.70, PYR, DIS, 2.00, -, FGR, 2-3% fine grained disseminated Py

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
261.50, 263.50, KFS+, PEN, MOD, -, -, -, Moderate to strong pervasive kspar? alteration
263.50, 265.70, CBT+, PEN, MOD, -, -, -, Moderate to strong carb? alteration interval pitted and porous

**Major: From:** 265.70 **To:** 266.90 I4P, Kimberlite

Composition: Dark green to grey, fine grained matrix with 20-25% rounded Olivine of various sizes distributed throughout; I4P - Kimberlite. Magnetism: Moderately magnetic. Veinning: None Structure: None Alteration: Unaltered? Mineralization: None Lower Contact: Sharp but slightly irregular; trending at 0-10 TCA over20cm

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120909 | 265.7 | 266.9 | 1.2 | 0.007 | | | | 2.61 |

**Major: From:** 266.90 **To:** 296.50 I2Dmp, Syenite mafic porphyryitic

Composition: Dark red, purplish red and purplish grey, fine grained matrix with 1-2% fine and medium grained anhedral amphibole crystals and 3-5% felspar? phenocrysts, weak to moderately porphyritic texture. I2Dmp - Syenite mafic porphyry. Magnetism: Moderately magnetic. Veinning: 1-2% irregular,chaotic and discontinuous cal-chl veinning. Structure: Undeformed but major interval 20m thick with strongly broken core. Alteration: Moderate pervasive hem alteration. Mineralization: 3-5% fine grained disseminated and clustered Py. Lower Contact: Sharp and relatively straight; oriented at 80 TCA. 284-296.5m = rare to weakly porphyritic texture, more massive, possibly a syenite intrusion?

**MINOR INTERVAL**
284.00 - 296.50: I2DFine grained and massive possible syenite intrusion?

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
266.90, 296.50, PYR, DIS, 3.00, -, FGR, 2-5% fine grained disseminated and clustered Py mineralization

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
266.90, 296.50, HEM+, PEN, MOD, -, -, -, Moderate pervasive hem alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
267.00, 277.00, BRR, WEAK, -, -, -, -, Weak to moderate broken/fractured core into 5-10cm thick pieces with minor intervals of 2-3cm pieces
277.00, 292.00, BRR, STRONG, -, -, -, -, Moderate to strong broken/fractured core into less than 1-3cm with minor intervals with 5-10cm pieces

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120910 | 266.9 | 268.0 | 1.1 | 0.071 | | | | 2.69 |
| CAOND120911 | 268.0 | 269.5 | 1.5 | 0.407 | | | | 2.72 |
| CAOND120912 | 269.5 | 271.0 | 1.5 | 0.077 | | | | 2.66 |
| CAOND120913 | 271.0 | 272.5 | 1.5 | 0.080 | | | | 2.70 |
| CAOND120914 | 272.5 | 274.0 | 1.5 | 0.058 | | | | 2.73 |
| CAOND120916 | 274.0 | 275.5 | 1.5 | 0.055 | | | | 2.73 |
| CAOND120917 | 275.5 | 277.0 | 1.5 | 0.018 | | | | 2.63 |
| CAOND120918 | 277.0 | 278.5 | 1.5 | 0.035 | | | | 2.62 |
| CAOND120919 | 278.5 | 280.0 | 1.5 | 0.033 | | | | 2.61 |
| CAOND120921 | 280.0 | 281.5 | 1.5 | 0.018 | | | | 2.54 |
| CAOND120922 | 281.5 | 283.0 | 1.5 | 0.044 | | | | 2.63 |
| CAOND120923 | 283.0 | 284.5 | 1.5 | 0.072 | | | | 2.70 |
| CAOND120924 | 284.5 | 286.0 | 1.5 | 0.024 | | | | 2.49 |
| CAOND120926 | 286.0 | 287.5 | 1.5 | 0.025 | | | | 2.54 |
| CAOND120927 | 287.5 | 289.0 | 1.5 | 0.032 | | | | 2.59 |
| CAOND120928 | 289.0 | 290.5 | 1.5 | 0.032 | | | | 2.55 |
| CAOND120929 | 290.5 | 292.0 | 1.5 | 0.029 | | | | 2.64 |
| CAOND120954 | 292.0 | 293.0 | 1.0 | 0.020 | | | | 2.53 |
| CAOND120931 | 293.0 | 294.5 | 1.5 | 0.028 | | | | 2.68 |
| CAOND120932 | 294.5 | 295.5 | 1.0 | 0.081 | | | | 2.73 |
| CAOND120933 | 295.5 | 296.5 | 1.0 | 0.029 | | | | 2.73 |

**Major: From:** 296.50 **To:** 301.70 PORPH, porphyry

Composition: Dark purplish red fine grained matrix with 30-40% medium grained feldspar phenocrysts

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|

**Hole number:** KLUC19-533

irregular shapes and sizes, porphyritic texture; PORPH - Porphyry. Magnetism: Moderately magnetic. Veinning: 1% irregular and discontinuous calcite veinlets. Structure: Undeformed. Alteration: Weak patchy hem alteration. Mineralization: 0.5% fine grained disseminated Py. Lower Contact: Sharp and relatively straight; oriented at 80 TCA.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120934 | 296.5 | 298.0 | 1.5 | 0.028 | | | | 2.67 |
| CAOND120935 | 298.0 | 299.5 | 1.5 | 0.027 | | | | 2.66 |
| CAOND120936 | 299.5 | 300.5 | 1.0 | 0.022 | | | | 2.70 |
| CAOND120937 | 300.5 | 301.7 | 1.2 | 0.036 | | | | 2.68 |

**Major:** **From:** 301.70 **To:** 448.70 I2Dmp, Syenite mafic porphyryitic

Composition: Dark red, purplish red and purplish grey, fine grained matrix with 1-2% fine and medium grained anhedral amphibole crystals and 3-5% felspar? phenocrysts, weak to moderately porphyritic texture. I2Dmp - Syenite mafic porphyry. Magnetism: Intervals of moderate magnetism and non magnetic. Veinning: 1-2% irregular,chaotic and discontinuous cal-chl veinning and 1% qtz-cal veinning less than 1cm thick. Structure: Undeformed with weak to moderate microfracturing and local intervals of weak broken/fractured core. Alteration: Moderate pervasive hem alteration. Moderate patches carbonate alteration dominantly occuring in porous/pitted microfractures. Mineralization: 3-5% fine grained disseminated and clustered Py. 393-424m = 10-15% medium and fine grained patchy and spotted Py mineralization. Lower Contact: **Logged as a similar unit but there are slight textural and alteration package differences observed throughout. No clear contacts observed. Possibly more than one intrusion or similar composition or multiple generations.

**MINOR INTERVAL**

366.30 - 366.50: I4P15cm thick kimberlite intrusion, fine grained matrix with 30-40% medium grained rounded olivines

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

301.70, 318.00, PYR, DIS, 3.00, -, FGR, 3-5% fine grained disseminated and clustered Py mineralization
318.00, 393.00, PYR, DIS, 5.00, -, VFG, 5-8% very fine and fine grained dissemianted Py. Localy irregular clusters and semi-massive to massive PY veinlets.
393.00, 424.00, PYR, PAT, 10.00, -, MGR, 10-15% fine and medium grained spots and clusters of Py mineralization distributed throughout
424.00, 445.00, PYR, DIS, 1.00, -, FGR, 1-2% fine grained disseminated Py mineralization with local clustered 2-3% PY
445.00, 448.70, PYR, DIS, 2.00, -, FGR, 2-3% fine grained dissemianted and clustered Py

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

301.70, 383.00, HEM+, PEN, MOD, -, -, -, Moderate pervasive hem alteration
347.00, 380.00, CBT+, PEN, MOD, -, -, -, Weak carbonate alteration gradually increasing to moderate. Core is moderately pitted and porous
383.00, 393.00, HEM+, PEN, STRONG, -, -, -, Strong pervasive hem alteration
393.00, 424.00, CBT+, PAT, MOD, -, -, -, Moderate carbonate alteration dominantly occuring as pitted microfractures
393.00, 448.70, EPD+, PAT, WEAK, -, -, -, Weak to weak Ep alteration? occuring in microfractures and veins

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120938 | 301.7 | 303.0 | 1.3 | 0.304 | | | | 2.79 |
| CAOND120939 | 303.0 | 304.5 | 1.5 | 0.631 | | | | 2.79 |
| CAOND120940 | 304.5 | 305.5 | 1.0 | 0.251 | | | | 2.77 |
| CAOND120941 | 305.5 | 307.0 | 1.5 | 0.235 | | | | 2.64 |
| CAOND120942 | 307.0 | 308.5 | 1.5 | 0.118 | | | | 2.70 |
| CAOND120943 | 308.5 | 310.0 | 1.5 | 0.257 | | | | 2.73 |
| CAOND120944 | 310.0 | 311.5 | 1.5 | 0.442 | | | | 2.76 |
| CAOND120946 | 311.5 | 313.0 | 1.5 | 0.074 | | | | 2.69 |
| CAOND120947 | 313.0 | 314.5 | 1.5 | 0.052 | | | | 2.71 |
| CAOND120948 | 314.5 | 315.5 | 1.0 | 0.188 | | | | 2.67 |
| CAOND120949 | 315.5 | 317.0 | 1.5 | 0.090 | | | | 2.72 |
| CAOND120951 | 317.0 | 318.5 | 1.5 | 0.072 | | | | 2.71 |
| CAOND120952 | 318.5 | 320.0 | 1.5 | 0.070 | | | | 2.72 |
| CAOND120953 | 320.0 | 321.5 | 1.5 | 0.268 | | | | 2.69 |
| CAOND120955 | 321.5 | 322.9 | 1.4 | 0.155 | | | | 2.70 |
| CAOND120956 | 322.9 | 324.0 | 1.1 | 0.115 | | | | 2.65 |
| CAOND120957 | 324.0 | 325.5 | 1.5 | 0.088 | | | | 2.71 |
| CAOND120958 | 325.5 | 327.0 | 1.5 | 0.101 | | | | 2.65 |
| CAOND120959 | 327.0 | 328.5 | 1.5 | 0.133 | | | | 2.67 |
| CAOND120961 | 328.5 | 330.0 | 1.5 | 0.066 | | | | 2.62 |
| CAOND120962 | 330.0 | 331.5 | 1.5 | 0.126 | | | | 2.67 |
| CAOND120963 | 331.5 | 333.0 | 1.5 | 0.072 | | | | 2.70 |
| CAOND120964 | 333.0 | 334.5 | 1.5 | 0.164 | | | | 2.72 |
| CAOND120965 | 334.5 | 336.0 | 1.5 | 0.421 | | | | 2.72 |
| CAOND120966 | 336.0 | 337.5 | 1.5 | 0.473 | | | | 2.69 |
| CAOND120967 | 337.5 | 339.0 | 1.5 | 0.642 | | | | 2.71 |
| CAOND120968 | 339.0 | 340.5 | 1.5 | 0.287 | | | | 2.71 |
| CAOND120969 | 340.5 | 342.0 | 1.5 | 0.297 | | | | 2.72 |

**Hole number:** KLUC19-533

393.00, 448.70, HEM+, PAT, WEAK, -, -, -, Rare to weak pervasive to patchy hem alteration
435.70, 437.00, KFS+, PAT, MOD, -, -, -, Moderate patchy to pervasive kspar alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

317.00, 332.00, BRR, WEAK, -, -, -, -, Weak broken/fractured core
350.00, 380.00, DFZ, MOD, -, -, -, -, Weak to moderate deformation dominantly chaotic but weak prefential alignment observed
350.00, 380.00, FOL, WEAK, 30.00, -, -, -, Weak preferential alignment at 30-40 TCA
365.20, 365.30, FAL, -, 40.00, -, -, -, Possible 4cm fault with brecciated host rock and fault mud, sharp straight contacts at 45 TCA
405.50, 424.00, BRR, WEAK, -, -, -, -, Weak broken/fractured core into 5-10cm and 3-5cm thick angular pieces

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

349.00, 365.00, CAL, 5.00, -, -, -, -, -, -, -, -, -, 5-10% discontnuous and whispy calcite veins less than 1cm thick, oriented parallel to one another at 45 TCA
388.40, 388.50, PYR, 10.00, -, -, -, -, -, -, -, -, -, 0.5-1cm thick irregular and discontinuous fracture filled Py-cal vein
390.00, 393.00, QTZ_2, 2.00, -, -, -, -, -, -, -, -, -, 2% qtz-cal veinning less than 1-3cm thick, wavy and irregular contacts trending at 10-20 TCA
395.70, 395.80, PYR, 80.00, -, -, -, -, -, -, -, PYR, 80.00, 10cm irregular patch of clustered fine and medium grained Py mineralization
441.80, 441.90, QTZ_2, 50.00, -, -, -, -, -, -, -, -, -, 3cm thick qtz-cal vein oriented at 70 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND120971 | 342.0 | 343.5 | 1.5 | 0.656 | | | | 2.73 |
| CAOND120972 | 343.5 | 345.0 | 1.5 | 0.290 | | | | 2.73 |
| CAOND120973 | 345.0 | 346.5 | 1.5 | 0.316 | | | | 2.72 |
| CAOND120974 | 346.5 | 348.0 | 1.5 | 0.749 | | | | 2.72 |
| CAOND120976 | 348.0 | 349.5 | 1.5 | 0.162 | | | | 2.69 |
| CAOND120977 | 349.5 | 351.0 | 1.5 | 0.629 | | | | 2.77 |
| CAOND120978 | 351.0 | 352.5 | 1.5 | 1.035 | | | | 2.74 |
| CAOND120979 | 352.5 | 354.0 | 1.5 | 0.190 | | | | 2.71 |
| CAOND120981 | 354.0 | 355.5 | 1.5 | 0.179 | | | | 2.69 |
| CAOND120982 | 355.5 | 357.0 | 1.5 | 0.040 | | | | 2.69 |
| CAOND120983 | 357.0 | 358.5 | 1.5 | 0.151 | | | | 2.72 |
| CAOND120984 | 358.5 | 360.0 | 1.5 | 0.167 | | | | 2.67 |
| CAOND120985 | 360.0 | 361.5 | 1.5 | 0.280 | | | | 2.69 |
| CAOND120986 | 361.5 | 363.0 | 1.5 | 0.229 | | | | 2.68 |
| CAOND120987 | 363.0 | 364.5 | 1.5 | 0.171 | | | | 2.66 |
| CAOND120988 | 364.5 | 366.0 | 1.5 | 0.287 | | | | 2.64 |
| CAOND120989 | 366.0 | 366.7 | 0.7 | 0.202 | | | | 2.58 |
| CAOND120991 | 366.7 | 368.0 | 1.3 | 0.341 | | | | 2.69 |
| CAOND120992 | 368.0 | 369.5 | 1.5 | 0.282 | | | | 2.65 |
| CAOND120993 | 369.5 | 371.0 | 1.5 | 0.289 | | | | 2.59 |
| CAOND120994 | 371.0 | 372.5 | 1.5 | 0.207 | | | | 2.63 |
| CAOND120995 | 372.5 | 374.0 | 1.5 | 0.193 | | | | 2.76 |
| CAOND120996 | 374.0 | 375.5 | 1.5 | 0.612 | | | | 2.74 |
| CAOND120997 | 375.5 | 377.0 | 1.5 | 0.688 | | | | 2.74 |
| CAOND120998 | 377.0 | 378.5 | 1.5 | 0.316 | | | | 2.74 |
| CAOND120999 | 378.5 | 380.0 | 1.5 | 0.274 | | | | 2.74 |
| CAOND121001 | 380.0 | 381.5 | 1.5 | 0.118 | | | | 2.72 |
| CAOND121002 | 381.5 | 383.0 | 1.5 | 0.087 | | | | 2.73 |
| CAOND121003 | 383.0 | 384.5 | 1.5 | 0.418 | | | | 2.73 |
| CAOND121004 | 384.5 | 386.0 | 1.5 | 0.890 | | | | 2.74 |
| CAOND121005 | 386.0 | 387.5 | 1.5 | 0.472 | | | | 2.74 |
| CAOND121006 | 387.5 | 389.0 | 1.5 | 4.520 | | | | 2.74 |
| CAOND121007 | 389.0 | 390.5 | 1.5 | 0.360 | | | | 2.72 |

**Hole number:** KLUC19-533

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121008 | 390.5 | 392.0 | 1.5 | 0.506 | | | | 2.74 |
| CAOND121009 | 392.0 | 393.5 | 1.5 | 0.514 | | | | 2.78 |
| CAOND121010 | 393.5 | 395.0 | 1.5 | 0.156 | | | | 2.80 |
| CAOND121011 | 395.0 | 396.5 | 1.5 | 0.234 | | | | 2.83 |
| CAOND121012 | 396.5 | 398.0 | 1.5 | 0.257 | | | | 2.82 |
| CAOND121013 | 398.0 | 399.5 | 1.5 | 0.133 | | | | 2.82 |
| CAOND121014 | 399.5 | 401.0 | 1.5 | 0.106 | | | | 2.80 |
| CAOND121016 | 401.0 | 402.5 | 1.5 | 0.175 | | | | 2.80 |
| CAOND121017 | 402.5 | 404.0 | 1.5 | 0.452 | | | | 2.74 |
| CAOND121018 | 404.0 | 405.5 | 1.5 | 0.205 | | | | 2.76 |
| CAOND121019 | 405.5 | 407.0 | 1.5 | 0.397 | | | | 2.72 |
| CAOND121021 | 407.0 | 408.5 | 1.5 | 1.330 | | | | 2.67 |
| CAOND121022 | 408.5 | 410.0 | 1.5 | 0.718 | | | | 2.73 |
| CAOND121023 | 410.0 | 411.5 | 1.5 | 0.433 | | | | 2.72 |
| CAOND121024 | 411.5 | 413.0 | 1.5 | 0.235 | | | | 2.62 |
| CAOND121026 | 413.0 | 414.5 | 1.5 | 0.085 | | | | 2.71 |
| CAOND121027 | 414.5 | 416.0 | 1.5 | 0.424 | | | | 2.71 |
| CAOND121028 | 416.0 | 417.5 | 1.5 | 0.081 | | | | 2.73 |
| CAOND121029 | 417.5 | 419.0 | 1.5 | 0.079 | | | | 2.71 |
| CAOND121031 | 419.0 | 420.5 | 1.5 | 0.112 | | | | 2.72 |
| CAOND121032 | 420.5 | 422.0 | 1.5 | 0.746 | | | | 2.74 |
| CAOND121033 | 422.0 | 423.5 | 1.5 | 0.904 | | | | 2.78 |
| CAOND121034 | 423.5 | 425.0 | 1.5 | 0.429 | | | | 2.78 |
| CAOND121035 | 425.0 | 426.5 | 1.5 | 0.040 | | | | 2.79 |
| CAOND121036 | 426.5 | 428.0 | 1.5 | 0.235 | | | | 2.80 |
| CAOND121037 | 428.0 | 429.5 | 1.5 | 0.360 | | | | 2.78 |
| CAOND121038 | 429.5 | 431.0 | 1.5 | 0.053 | | | | 2.80 |
| CAOND121039 | 431.0 | 432.5 | 1.5 | 0.198 | | | | 2.79 |
| CAOND121040 | 432.5 | 434.0 | 1.5 | 0.070 | | | | 2.78 |
| CAOND121041 | 434.0 | 435.5 | 1.5 | 0.051 | | | | 2.76 |
| CAOND121042 | 435.5 | 437.0 | 1.5 | 0.245 | | | | 2.69 |
| CAOND121043 | 437.0 | 438.5 | 1.5 | 0.040 | | | | 2.74 |
| CAOND121044 | 438.5 | 440.0 | 1.5 | 0.061 | | | | 2.75 |

**Hole number:** KLUC19-533

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121046 | 440.0 | 441.5 | 1.5 | 0.015 | | | | 2.77 |
| CAOND121047 | 441.5 | 442.9 | 1.4 | 0.024 | | | | 2.76 |
| CAOND121048 | 442.9 | 444.0 | 1.1 | 0.014 | | | | 2.78 |
| CAOND121049 | 444.0 | 445.5 | 1.5 | 0.017 | | | | 2.78 |
| CAOND121051 | 445.5 | 447.0 | 1.5 | 0.072 | | | | 2.79 |
| CAOND121052 | 447.0 | 448.0 | 1.0 | 0.066 | | | | 2.79 |
| CAOND121053 | 448.0 | 448.7 | 0.7 | 0.059 | | | | 2.78 |

**Major:** **From:** 448.70 **To:** 458.10 S, Roches sédimentaires indéterminées

Composition: Medium to dark green to greenish grey, fine grained, massive and equigranular, sediment or massive intrusion?; S - Sediment. Magnetism: Non magnetic gradually becoming moderately magnetic. Veinning: 1-2% white qtz-cal veinning less than 1cm thick. Structure: Undeformed. Alteration: Weak patchy hem alteration and moderate Ep alteation occuring in microfractures. Mineralization: 10-15% disseminated and clustered fine and medium grained Py. Lower Contact: Relatively sharp and oriented at 90 TCA.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

448.70, 458.10, PYR, DIS, 10.00, -, FGR, 10-15% fine and medium grained disseminated and clustered Py mineralization

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

448.70, 458.10, EPD+, FRF, MOD, -, -, -, Moderate Ep alteration occuring as network of irregular microfractures

448.70, 458.10, HEM+, PAT, WEAK, -, -, -, Weak patchy and micrfracture controlled hem alt

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

452.00, 454.00, QTZ_2, 3.00, -, -, -, -, -, -, -, -, -, 3% cal-qtz veinning less than 1 to 5cm thick trending at 0-10 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121054 | 448.7 | 450.0 | 1.3 | 0.031 | | | | 2.75 |
| CAOND121055 | 450.0 | 451.0 | 1.0 | 0.065 | | | | 2.86 |
| CAOND121056 | 451.0 | 452.5 | 1.5 | 0.297 | | | | 2.90 |
| CAOND121057 | 452.5 | 454.0 | 1.5 | 0.402 | | | | 2.91 |
| CAOND121058 | 454.0 | 455.5 | 1.5 | 0.520 | | | | 2.93 |
| CAOND121059 | 455.5 | 457.0 | 1.5 | 0.240 | | | | 2.91 |
| CAOND121061 | 457.0 | 458.1 | 1.1 | 0.247 | | | | 2.92 |

**Major:** **From:** 458.10 **To:** 458.90 V8Porph, Trachyte porphyrytic

Composition: Medium red, fine grained matrix with 25-30% medium grained subhedral amp? phenocrysts distributed throughout, phopyritic texture; V8porph - Trachytic porphyry? Magnetism: Moderately magnetic. Veinning: 1-2% calcite and epidote filled microfractures. Structure: Undeformed. Alteration: Weak to moderate pervasive hem alteration and weak microfracture filled epidote. Mineralization: 1% fine grained disseminated Py. Lower Contact: Sharp and slightly irregular, trending at 50 TCA.

**MINERALIZATION**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121062 | 458.1 | 458.9 | 0.8 | 0.601 | | | | 2.86 |

**Hole number:** KLUC19-533

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
458.10, 458.90, PYR, DIS, 1.00, -, FGR, 1-2% fine grained disseminated Py

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
458.10, 458.90, EPD+, FRF, MOD, -, -, -, Weak to moderate fracture filled Ep alt
458.10, 458.90, HEM+, PEN, WEAK, -, -, -, Weak to moderate pervasive Hem alt

**Major:** **From:** 458.90 **To:** 460.30 I2Dp, Porphyritic Syenite

Composition: Medium red and medium grey, porphyritic intrusion crosscutting the V8porph intrusion; I2Dp - Syenite poprhyry Magnetism: Moderately magnetic. Veinning: 1% discontinuous and irregular cal-hem veinlets. Structure: Undeformed. Alteration: Weak pervasive hem alt. Mineralization: 1-2% fine grained disseminated Py. Lower Contact: Sharp but irregular.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
458.90, 460.30, PYR, DIS, 1.00, -, FGR, 1-2% fine grained disseminated Py

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121063 | 458.9 | 459.6 | 0.7 | 0.037 | | | | 2.73 |
| CAOND121064 | 459.6 | 460.3 | 0.7 | 0.070 | | | | 2.72 |

**Major:** **From:** 460.30 **To:** 462.90 V8Porph, Trachyte porphyrytic

Composition: Medium red, fine grained matrix with 25-30% medium grained subhedral amp? phenocrysts distributed throughout, phopyritic texture; V8porph - Trachytic porphyry? Magnetism: Moderately magnetic. Veinning: 1-2% calcite and epidote filled microfractures. Structure: Undeformed. Alteration: Weak to moderate pervasive hem alteration and weak microfracture filled epidote. Mineralization: 2-3% fine grained disseminated Py. Lower Contact: Sharp and slightly irregular.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
460.30, 462.00, PYR, DIS, 2.00, -, FGR, 2-3% fine grained disseminated and clustered Py
462.00, 462.90, PYR, DIS, 5.00, -, FGR, 5% fine grained disseminated Py

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
460.30, 462.90, EPD+, FRF, WEAK, -, -, -, Rare to weak microfracture filled Ep alt
460.30, 462.90, HEM+, PEN, WEAK, -, -, -, Weak pervasive hem alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121065 | 460.3 | 461.5 | 1.2 | 0.265 | | | | 2.90 |
| CAOND121066 | 461.5 | 462.9 | 1.4 | 0.037 | | | | 2.88 |

**Major:** **From:** 462.90 **To:** 473.40 S, Roches sédimentaires indéterminées

Composition: Medium to dark green to greenish grey, fine grained, massive and equigranular, sediment or massive intrusion? at 465.8m colours gradually change to dark grey and dark purplish grey; S - Sediment. Magnetism: Varying magnetism between weak and moderate. Veinning: 1-2% irregular and discontinuous white cal veinning less than 1cm thick. Structure: Undeformed, but weak brittle deformation observed locally. Alteration: Weak patchy hem alteration and moderate Ep alteation occuring in microfractures between 462.9-465.8m. Mineralization: 10-15% disseminated and clustered fine and medium grained Py, diminishing to 2-3% after 465.8m. Lower Contact: Sharp and relatively straight; oriented at 45 TCA. **Possible contact between two slightly differing units at 465.8m. Colours

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121067 | 462.9 | 464.0 | 1.1 | 0.066 | | | | 2.93 |
| CAOND121068 | 464.0 | 465.5 | 1.5 | 0.038 | | | | 2.90 |
| CAOND121069 | 465.5 | 467.0 | 1.5 | 0.124 | | | | 2.75 |
| CAOND121071 | 467.0 | 468.5 | 1.5 | 0.091 | | | | 2.69 |
| CAOND121072 | 468.5 | 470.0 | 1.5 | 0.025 | | | | 2.72 |
| CAOND121073 | 470.0 | 471.5 | 1.5 | 0.051 | | | | 2.70 |

**Hole number:** KLUC19-533

and alteration packages change.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

462.90, 465.80, PYR, DIS, 10.00, -, FGR, 10-15% fine and medium grained disseminated and clustered Py mineralization

465.80, 473.40, PYR, DIS, 2.00, -, FGR, 2-3% fine grained disseminated Py, 0.5-1% medium grained clustered Py occuring in calcite veinlets

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

462.90, 473.40, EPD+, FRF, WEAK, -, -, -, Weak to moderate microfracture filled Ep alt

462.90, 473.40, HEM+, PEN, WEAK, -, -, -, Weak pervasive hem alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121074 | 471.5 | 472.5 | 1.0 | 0.045 | | | | 2.71 |
| CAOND121076 | 472.5 | 473.4 | 0.9 | 0.142 | | | | 2.73 |

**Major:** **From:** 473.40 **To:** 482.40 I2Dp, Porphyritic Syenite

Composition: Medium purplish grey and medium pink, fine grained matrix with 25-30% medium grained grey and white felspar phenocrysts of various shapes, porphyritic texture throughout; I2Dp - Syenite porphyry. Magnetism: Moderately magnetic. Veinning: 1% irregular and discontinuous, porous qtz-carb veinning a various orientations, less than 1cm thick. Structure: Undeformed, local weak broken/fractured core. Alteration: Local intervals of moderate pervasive kspar alteration. Mineralization: 2-3% fine and medium grained disseminated Py. Lower Contact: Sharp but irregular.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

473.40, 482.40, PYR, DIS, 2.00, -, FGR, 2-3% fine and medium grained disseminated Py

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

477.00, 479.00, KFS+, PEN, MOD, -, -, -, Moderate pervasive kspar alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121077 | 473.4 | 474.5 | 1.1 | 0.022 | | | | 2.68 |
| CAOND121078 | 474.5 | 476.0 | 1.5 | 0.069 | | | | 2.67 |
| CAOND121079 | 476.0 | 477.5 | 1.5 | 0.171 | | | | 2.66 |
| CAOND121081 | 477.5 | 479.0 | 1.5 | 0.210 | | | | 2.68 |
| CAOND121082 | 479.0 | 480.5 | 1.5 | 0.025 | | | | 2.62 |
| CAOND121083 | 480.5 | 481.5 | 1.0 | 0.063 | | | | 2.66 |
| CAOND121084 | 481.5 | 482.4 | 0.9 | 0.172 | | | | 2.68 |

**Major:** **From:** 482.40 **To:** 489.10 S, Roches sédimentaires indéterminées

Composition: Dark grey to dark purplish grey, fine grained, equigranular and massive; S - Sediments. Magnetism: Weakly magnetic. Veinning: 1% mm scale discontinuous calcite veinlets and 1x 5cm thick qtz-cal vein near upper contact. Structure: Undeformed. Alteration: Weak calcite. Mineralization: 2-3% fine grained disseminatd Py. Lower Contact: Relatively sharp; oriented at 90 TCA.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

482.40, 489.10, PYR, DIS, 2.00, -, FGR, 2-3% fine grained disseminated Py

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

482.50, 482.60, QTZ_2, 85.00, -, -, -, -, -, -, -, -, -, 1x2cm and 1x 5cm thick pale grey qtz-cal veins adjacant to one another

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121085 | 482.4 | 483.5 | 1.1 | 0.019 | | | | 2.67 |
| CAOND121086 | 483.5 | 485.0 | 1.5 | 0.015 | | | | 2.70 |
| CAOND121087 | 485.0 | 486.5 | 1.5 | 0.289 | | | | 2.70 |
| CAOND121088 | 486.5 | 488.0 | 1.5 | 0.029 | | | | 2.67 |
| CAOND121089 | 488.0 | 489.1 | 1.1 | 0.088 | | | | 2.74 |

## Hole number: KLUC19-533

**Major: From:** 489.10 **To:** 492.10 V8, Trachyte

Composition: Dark redish purple and dark green, chaotic and weakly poprhyritic, possibly 2 different units (contact at 490.5m?), could be somesort of volcano-sediment unit or bed; V8 - Trachyte? Magnetism: Moderately magnetic. Veinning: 2-3% mm scale and discontinuous calcite veinlets. Structure: Weak chaotic deformation. Alteration: Weak to moderate calcite alteration. Mineralization: 1-2% fine grained disseminated Py. Lower Contact: Gradational over 10cm

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

489.10, 492.10, DFZ, WEAK, -, -, -, -, Weak chaotic deformation

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121091 | 489.1 | 490.6 | 1.5 | 0.048 | | | | 2.78 |
| CAOND121092 | 490.6 | 492.1 | 1.5 | 0.036 | | | | 2.77 |

**Major: From:** 492.10 **To:** 495.00 S, Roches sédimentaires indéterminées

Composition: Medium pink, medium pinkish purple and dark grey, fine grained, equigranular and massive; S -sediment. Magnetism: Non to weakly magnetic. Veinning: 1% irregular cal and qtz-cal veinning. Structure: Weak brittle deformation and in situ brecciation. Alteration: Moderate pervasive calcite alteration. Mineralization: 2-3% very fine to fine grained disseminated Py mineralization. Lower Contact: Not reached

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

492.10, 495.00, PYR, DIS, 2.00, -, VFG, 2-3% very fine to fine grained disseminated Py

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

492.10, 495.00, DFZ, WEAK, -, -, -, -, Weak chaotic and brittle deformation with weak in situ brecciation

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121093 | 492.1 | 493.5 | 1.4 | 0.048 | | | | 2.70 |
| CAOND121094 | 493.5 | 495.0 | 1.5 | 0.020 | | | | 2.69 |

**Geochemical sample**

| Sample | From | To | Ag gpt | Al2O3 Pct | Ba ppm | CaO Pct | Cu ppm | CO2 Pct | Cr ppm | Fe2O3 Pct | K2O Pct | LOI pct | MgO pct | MnO pct | Mo ppm | Na2O pct | Ni ppm | P2O5 pct |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Pb ppm | Rb ppm | SiO2 pct | Sr ppm | Tb ppm | Tm ppm | TiO2 pct | Tl ppm | Total pct | U ppm | V ppm | W ppm | Y ppm | Yb ppm | Zn ppm | Zr ppm |
| CAOND119122 | 3.9 | 4.0 | 0.5 | 16.35 | 2,210.00 | 4.87 | 77.00 | | 110.00 | 5.43 | 5.22 | 5.2 | 2.0 | 0.1 | 2.0 | 3.7 | 25.0 | 0.3 |
| | | | 8.0 | 178.5 | 57.6 | 1 160.0 | 0.62 | 0.27 | 0.5 | 5.00 | 101.7 | 3.8 | 111.0 | 12.0 | 18.6 | 2.0 | 65.0 | 196.0 |
| CAOND119123 | 17.3 | 17.4 | 0.9 | 14.70 | 2,590.00 | 3.41 | 36.00 | | 50.00 | 3.51 | 5.29 | 5.3 | 1.8 | 0.1 | 3.0 | 2.6 | 17.0 | 0.1 |
| | | | 88.0 | 182.0 | 62.3 | 719.0 | 0.39 | 0.15 | 0.3 | 5.00 | 99.9 | 3.2 | 66.0 | 3.0 | 10.7 | 1.0 | 78.0 | 157.0 |
| CAOND119124 | 35.9 | 36.0 | 0.6 | 14.80 | 2,490.00 | 5.61 | 94.00 | | 70.00 | 8.16 | 5.12 | 6.4 | 3.3 | 0.2 | 0.5 | 2.2 | 23.0 | 0.4 |
| | | | 20.0 | 160.5 | 52.8 | 918.0 | 0.77 | 0.32 | 0.8 | 5.00 | 100.2 | 2.5 | 188.0 | 6.0 | 24.0 | 2.4 | 140.0 | 151.0 |
| CAOND119125 | 97.7 | 97.8 | 0.7 | 14.40 | 1,695.00 | 6.69 | 99.00 | | 70.00 | 8.03 | 3.34 | 7.1 | 3.9 | 0.1 | 0.5 | 3.7 | 25.0 | 0.4 |
| | | | 21.0 | 88.1 | 51.0 | 785.0 | 0.74 | 0.34 | 0.7 | 5.00 | 99.6 | 2.7 | 176.0 | 4.0 | 22.9 | 2.6 | 113.0 | 158.0 |

**Hole number:** KLUC19-533

| Sample | From | To | Ag gpt | Al2O3 Pct | Ba ppm | CaO Pct | Cu ppm | CO2 Pct | Cr ppm | Fe2O3 Pct | K2O Pct | LOI pct | MgO pct | MnO pct | Mo ppm | Na2O pct | Ni ppm | P2O5 pct |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Pb ppm | Rb ppm | SiO2 pct | Sr ppm | Tb ppm | Tm ppm | TiO2 pct | Tl ppm | Total pct | U ppm | V ppm | W ppm | Y ppm | Yb ppm | Zn ppm | Zr ppm |
| CAOND119126 | 102.3 | 102.4 | 1.0 | 13.75 | 1,925.00 | 4.41 | 11.00 | | 200.00 | 5.40 | 7.81 | 6.6 | 3.2 | 0.1 | 3.0 | 1.3 | 87.0 | 0.2 |
| | | | 57.0 | 191.0 | 56.2 | 390.0 | 0.48 | 0.21 | 0.5 | 5.00 | 99.8 | 7.5 | 110.0 | 8.0 | 14.6 | 1.4 | 110.0 | 152.0 |
| CAOND119127 | 122.6 | 122.7 | 0.6 | 12.65 | 441.00 | 7.80 | 12.00 | | 340.00 | 9.33 | 3.13 | 9.3 | 6.3 | 0.2 | 2.0 | 2.6 | 82.0 | 0.3 |
| | | | 9.0 | 94.0 | 45.6 | 393.0 | 0.73 | 0.33 | 0.7 | 5.00 | 98.0 | 2.2 | 169.0 | 8.0 | 21.3 | 2.1 | 230.0 | 108.0 |
| CAOND119128 | 140.0 | 140.1 | 0.5 | 14.85 | 1,230.00 | 4.95 | 108.00 | | 110.00 | 6.50 | 3.92 | 5.1 | 3.9 | 0.1 | 1.0 | 4.4 | 33.0 | 0.3 |
| | | | 7.0 | 76.2 | 57.2 | 703.0 | 0.57 | 0.24 | 0.5 | 5.00 | 102.0 | 2.4 | 153.0 | 4.0 | 15.2 | 1.5 | 84.0 | 147.0 |
| CAOND119129 | 187.0 | 187.1 | 0.5 | 13.35 | 1,960.00 | 5.57 | 7.00 | | 150.00 | 9.51 | 3.83 | 5.8 | 6.0 | 0.2 | 2.0 | 3.6 | 47.0 | 0.4 |
| | | | 13.0 | 163.0 | 51.8 | 2 550.0 | 0.82 | 0.30 | 0.8 | 5.00 | 101.3 | 2.2 | 233.0 | 8.0 | 20.6 | 2.1 | 91.0 | 110.0 |
| CAOND119130 | 194.5 | 194.6 | 0.3 | 15.50 | 1,545.00 | 4.53 | 210.00 | | 80.00 | 6.81 | 3.84 | 4.3 | 4.0 | 0.1 | 2.0 | 4.7 | 23.0 | 0.4 |
| | | | 6.0 | 86.1 | 55.8 | 646.0 | 0.75 | 0.34 | 0.6 | 5.00 | 100.9 | 3.1 | 158.0 | 4.0 | 21.8 | 2.3 | 124.0 | 184.0 |
| CAOND119131 | 206.3 | 206.4 | 0.3 | 14.70 | 1,425.00 | 6.30 | 50.00 | | 120.00 | 7.69 | 3.86 | 5.6 | 4.3 | 0.1 | 0.5 | 4.2 | 44.0 | 0.3 |
| | | | 24.0 | 103.5 | 52.3 | 1 245.0 | 0.66 | 0.28 | 0.7 | 10.00 | 100.3 | 2.5 | 176.0 | 2.0 | 18.1 | 1.9 | 44.0 | 148.0 |
| CAOND119132 | 252.0 | 252.1 | 0.3 | 16.25 | 1,535.00 | 3.49 | 28.00 | | 130.00 | 6.10 | 3.86 | 2.0 | 4.1 | 0.1 | 4.0 | 5.8 | 26.0 | 0.3 |
| | | | 7.0 | 92.4 | 57.5 | 627.0 | 0.71 | 0.27 | 0.6 | 5.00 | 100.3 | 2.8 | 166.0 | 3.0 | 19.4 | 2.1 | 36.0 | 172.0 |
| CAOND119133 | 263.0 | 263.1 | 0.3 | 16.90 | 1,275.00 | 1.35 | 17.00 | | 10.00 | 3.05 | 5.54 | 1.4 | 1.1 | 0.0 | 19.0 | 5.8 | 3.0 | 0.2 |
| | | | 2.0 | 106.0 | 63.2 | 428.0 | 0.33 | 0.18 | 0.4 | 10.00 | 99.1 | 3.5 | 84.0 | 6.0 | 11.5 | 1.5 | 13.0 | 177.0 |
| CAOND119134 | 298.9 | 299.0 | 0.3 | 14.15 | 1,445.00 | 3.70 | 30.00 | | 130.00 | 4.57 | 5.68 | 2.8 | 3.4 | 0.1 | 2.0 | 3.8 | 29.0 | 0.3 |
| | | | 12.0 | 142.5 | 59.1 | 1 085.0 | 0.54 | 0.20 | 0.4 | 5.00 | 98.4 | 2.9 | 93.0 | 1.0 | 14.0 | 1.4 | 42.0 | 143.0 |
| CAOND119135 | 312.8 | 312.9 | 0.3 | 15.50 | 1,995.00 | 4.60 | 106.00 | | 120.00 | 7.44 | 4.30 | 2.1 | 4.0 | 0.1 | 1.0 | 4.6 | 30.0 | 0.3 |
| | | | 9.0 | 95.7 | 54.7 | 1 560.0 | 0.69 | 0.27 | 0.6 | 5.00 | 98.6 | 2.7 | 164.0 | 3.0 | 18.0 | 1.9 | 45.0 | 166.0 |
| CAOND119136 | 362.0 | 362.2 | 0.3 | 13.75 | 2,920.00 | 6.76 | 98.00 | | 230.00 | 7.38 | 2.35 | 5.9 | 5.5 | 0.1 | 2.0 | 4.5 | 60.0 | 0.3 |
| | | | 4.0 | 104.5 | 49.4 | 4 130.0 | 0.61 | 0.22 | 0.6 | 5.00 | 97.4 | 2.2 | 161.0 | 2.0 | 16.2 | 1.6 | 45.0 | 137.0 |
| CAOND119137 | 385.0 | 385.2 | 0.3 | 15.35 | 1,730.00 | 4.74 | 31.00 | | 140.00 | 7.07 | 3.86 | 2.7 | 3.9 | 0.1 | 6.0 | 5.2 | 32.0 | 0.3 |
| | | | 8.0 | 78.0 | 54.8 | 719.0 | 0.67 | 0.25 | 0.6 | 5.00 | 98.8 | 3.0 | 185.0 | 3.0 | 18.9 | 1.9 | 41.0 | 170.0 |
| CAOND119138 | 440.4 | 440.6 | 0.3 | 15.50 | 1,755.00 | 5.54 | 204.00 | | 130.00 | 7.40 | 3.90 | 3.3 | 4.2 | 0.1 | 4.0 | 5.2 | 29.0 | 0.3 |
| | | | 11.0 | 113.0 | 54.9 | 1 030.0 | 0.65 | 0.29 | 0.6 | 5.00 | 101.2 | 2.9 | 175.0 | 2.0 | 18.1 | 1.8 | 54.0 | 167.0 |
| CAOND119139 | 449.0 | 449.1 | 0.3 | 13.15 | 2,130.00 | 5.21 | 37.00 | | 290.00 | 4.98 | 10.35 | 2.9 | 4.9 | 0.1 | 16.0 | 0.8 | 92.0 | 0.2 |
| | | | 4.0 | 272.0 | 57.3 | 713.0 | 0.57 | 0.21 | 0.6 | 5.00 | 100.8 | 3.0 | 138.0 | 2.0 | 15.4 | 1.5 | 43.0 | 116.0 |

**Hole number:** KLUC19-533

| Sample | From | To | Ag gpt | Al2O3 Pct | Ba ppm | CaO Pct | Cu ppm | CO2 Pct | Cr ppm | Fe2O3 Pct | K2O Pct | LOI pct | MgO pct | MnO pct | Mo ppm | Na2O pct | Ni ppm | P2O5 pct |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Pb ppm | Rb ppm | SiO2 pct | Sr ppm | Tb ppm | Tm ppm | TiO2 pct | Tl ppm | Total pct | U ppm | V ppm | W ppm | Y ppm | Yb ppm | Zn ppm | Zr ppm |
| CAOND119140 | 458.1 | 458.2 | 0.3 | 14.35 | 764.00 | 6.66 | 220.00 | | 210.00 | 11.30 | 2.60 | 4.0 | 6.1 | 0.1 | 16.0 | 4.4 | 56.0 | 0.8 |
| | | | 7.0 | 188.5 | 47.5 | 1 485.0 | 1.07 | 0.26 | 0.8 | 10.00 | 98.9 | 3.9 | 201.0 | 8.0 | 23.4 | 1.9 | 57.0 | 218.0 |
| CAOND119141 | 459.8 | 459.9 | 0.3 | 16.85 | 2,110.00 | 3.29 | 104.00 | | 30.00 | 5.80 | 4.38 | 1.7 | 2.2 | 0.1 | 9.0 | 6.0 | 10.0 | 0.3 |
| | | | 6.0 | 97.0 | 60.0 | 937.0 | 0.69 | 0.32 | 0.5 | 5.00 | 101.4 | 3.5 | 126.0 | 18.0 | 21.1 | 2.4 | 19.0 | 206.0 |
| CAOND119142 | 463.2 | 463.3 | 0.3 | 12.55 | 2,740.00 | 9.50 | 69.00 | | 70.00 | 11.55 | 3.83 | 3.7 | 5.4 | 0.1 | 3.0 | 2.6 | 29.0 | 0.7 |
| | | | 9.0 | 111.0 | 47.5 | 1 735.0 | 1.44 | 0.40 | 0.9 | 5.00 | 98.9 | 2.3 | 275.0 | 27.0 | 32.9 | 2.7 | 38.0 | 159.0 |
| CAOND119143 | 478.5 | 478.6 | 0.3 | 17.10 | 1,370.00 | 2.27 | 322.00 | | 30.00 | 4.84 | 4.51 | 3.2 | 1.4 | 0.0 | 4.0 | 6.6 | 11.0 | 0.2 |
| | | | 13.0 | 93.7 | 59.6 | 581.0 | 0.57 | 0.21 | 0.4 | 5.00 | 100.4 | 4.2 | 92.0 | 15.0 | 16.8 | 1.9 | 22.0 | 207.0 |
| CAOND119144 | 491.0 | 491.2 | 0.3 | 13.90 | 428.00 | 5.81 | 52.00 | | 220.00 | 9.06 | 2.46 | 6.0 | 6.5 | 0.1 | 1.0 | 4.6 | 39.0 | 0.8 |
| | | | 16.0 | 150.0 | 44.1 | 444.0 | 1.26 | 0.33 | 0.7 | 5.00 | 94.2 | 3.9 | 215.0 | 7.0 | 25.9 | 2.1 | 62.0 | 245.0 |
| CAOND119145 | 494.2 | 494.3 | 0.3 | 13.60 | 1,045.00 | 3.58 | 22.00 | | 170.00 | 4.83 | 9.99 | 5.0 | 2.1 | 0.1 | 5.0 | 1.0 | 80.0 | 0.1 |
| | | | 11.0 | 138.0 | 59.7 | 646.0 | 0.38 | 0.16 | 0.5 | 5.00 | 100.7 | 5.1 | 83.0 | 7.0 | 11.9 | 1.2 | 21.0 | 97.0 |

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 3.5 | 6.0 | 76.00 | 100.00 | | | N | |
| 6.0 | 9.0 | 80.00 | 100.00 | | | N | |
| 9.0 | 12.0 | 95.00 | 100.00 | | | N | |
| 12.0 | 15.0 | 88.00 | 100.00 | | | N | |
| 15.0 | 18.0 | 100.00 | 100.00 | | | N | |
| 18.0 | 21.0 | 87.00 | 100.00 | | | N | |
| 21.0 | 24.0 | 98.00 | 100.00 | | | N | |
| 24.0 | 27.0 | 100.00 | 100.00 | | | N | |
| 27.0 | 30.0 | 97.00 | 100.00 | | | N | |
| 30.0 | 33.0 | 100.00 | 100.00 | | | N | |
| 33.0 | 36.0 | 100.00 | 100.00 | | | N | |
| 36.0 | 39.0 | 100.00 | 100.00 | | | N | |
| 39.0 | 42.0 | 100.00 | 100.00 | | | N | |
| 42.0 | 45.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC19-533

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 45.0 | 48.0 | 100.00 | 100.00 | | | N | |
| 48.0 | 51.0 | 100.00 | 100.00 | | | N | |
| 51.0 | 54.0 | 100.00 | 100.00 | | | N | |
| 54.0 | 57.0 | 100.00 | 100.00 | | | N | |
| 57.0 | 60.0 | 100.00 | 100.00 | | | N | |
| 60.0 | 63.0 | 100.00 | 100.00 | | | N | |
| 63.0 | 66.0 | 98.00 | 100.00 | | | N | |
| 66.0 | 69.0 | 100.00 | 100.00 | | | N | |
| 69.0 | 72.0 | 87.00 | 100.00 | | | N | |
| 72.0 | 75.0 | 100.00 | 100.00 | | | N | |
| 75.0 | 78.0 | 95.00 | 100.00 | | | N | |
| 78.0 | 81.0 | 100.00 | 100.00 | | | N | |
| 81.0 | 84.0 | 97.00 | 100.00 | | | N | |
| 84.0 | 87.0 | 100.00 | 100.00 | | | N | |
| 87.0 | 90.0 | 100.00 | 100.00 | | | N | |
| 90.0 | 93.0 | 100.00 | 100.00 | | | N | |
| 93.0 | 96.0 | 98.00 | 100.00 | | | N | |
| 96.0 | 99.0 | 100.00 | 100.00 | | | N | |
| 99.0 | 102.0 | 100.00 | 100.00 | | | N | |
| 102.0 | 105.0 | 95.00 | 100.00 | | | N | |
| 105.0 | 108.0 | 92.00 | 100.00 | | | N | |
| 108.0 | 111.0 | 97.00 | 100.00 | | | N | |
| 111.0 | 114.0 | 97.00 | 100.00 | | | N | |
| 114.0 | 117.0 | 100.00 | 100.00 | | | N | |
| 117.0 | 120.0 | 97.00 | 100.00 | | | N | |
| 120.0 | 123.0 | 97.00 | 100.00 | | | N | |
| 123.0 | 126.0 | 100.00 | 100.00 | | | N | |
| 126.0 | 129.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC19-533

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 129.0 | 132.0 | 100.00 | 100.00 | | | N | |
| 132.0 | 135.0 | 100.00 | 100.00 | | | N | |
| 135.0 | 138.0 | 100.00 | 100.00 | | | N | |
| 138.0 | 141.0 | 100.00 | 100.00 | | | N | |
| 141.0 | 144.0 | 100.00 | 100.00 | | | N | |
| 144.0 | 147.0 | 100.00 | 100.00 | | | N | |
| 147.0 | 150.0 | 100.00 | 100.00 | | | N | |
| 150.0 | 153.0 | 100.00 | 100.00 | | | N | |
| 153.0 | 156.0 | 100.00 | 100.00 | | | N | |
| 156.0 | 159.0 | 100.00 | 100.00 | | | N | |
| 159.0 | 162.0 | 100.00 | 100.00 | | | N | |
| 162.0 | 165.0 | 100.00 | 100.00 | | | N | |
| 165.0 | 168.0 | 100.00 | 100.00 | | | N | |
| 168.0 | 171.0 | 100.00 | 100.00 | | | N | |
| 171.0 | 174.0 | 100.00 | 100.00 | | | N | |
| 174.0 | 177.0 | 100.00 | 100.00 | | | N | |
| 177.0 | 180.0 | 100.00 | 100.00 | | | N | |
| 180.0 | 183.0 | 100.00 | 100.00 | | | N | |
| 183.0 | 186.0 | 100.00 | 100.00 | | | N | |
| 186.0 | 189.0 | 100.00 | 100.00 | | | N | |
| 189.0 | 192.0 | 82.00 | 100.00 | | | N | |
| 192.0 | 195.0 | 100.00 | 100.00 | | | N | |
| 195.0 | 198.0 | 100.00 | 100.00 | | | N | |
| 198.0 | 201.0 | 92.00 | 100.00 | | | N | |
| 201.0 | 204.0 | 100.00 | 100.00 | | | N | |
| 204.0 | 207.0 | 92.00 | 100.00 | | | N | |
| 207.0 | 210.0 | 98.00 | 100.00 | | | N | |
| 210.0 | 213.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC19-533

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 213.0 | 216.0 | 97.00 | 100.00 | | | N | |
| 216.0 | 219.0 | 97.00 | 100.00 | | | N | |
| 219.0 | 222.0 | 70.00 | 100.00 | | | N | |
| 222.0 | 225.0 | 87.00 | 100.00 | | | N | |
| 225.0 | 228.0 | 72.00 | 100.00 | | | N | |
| 228.0 | 231.0 | 82.00 | 100.00 | | | N | |
| 231.0 | 234.0 | 83.00 | 100.00 | | | N | |
| 234.0 | 237.0 | 97.00 | 100.00 | | | N | |
| 237.0 | 240.0 | 97.00 | 100.00 | | | N | |
| 240.0 | 243.0 | 95.00 | 100.00 | | | N | |
| 243.0 | 246.0 | 30.00 | 100.00 | | | N | |
| 246.0 | 249.0 | 63.00 | 100.00 | | | N | |
| 249.0 | 252.0 | 75.00 | 100.00 | | | N | |
| 252.0 | 255.0 | 93.00 | 100.00 | | | N | |
| 255.0 | 258.0 | 85.00 | 100.00 | | | N | |
| 258.0 | 261.0 | 97.00 | 100.00 | | | N | |
| 261.0 | 264.0 | 77.00 | 100.00 | | | N | |
| 264.0 | 267.0 | 83.00 | 100.00 | | | N | |
| 267.0 | 270.0 | 43.00 | 100.00 | | | N | |
| 270.0 | 273.0 | 17.00 | 100.00 | | | N | |
| 273.0 | 276.0 | 50.00 | 100.00 | | | N | |
| 276.0 | 279.0 | 22.00 | 100.00 | | | N | |
| 279.0 | 282.0 | 3.00 | 100.00 | | | N | |
| 282.0 | 285.0 | 13.00 | 100.00 | | | N | |
| 285.0 | 288.0 | 30.00 | 100.00 | | | N | |
| 288.0 | 291.0 | 20.00 | 100.00 | | | N | |
| 291.0 | 294.0 | 47.00 | 100.00 | | | N | |
| 294.0 | 297.0 | 83.00 | 100.00 | | | N | |

**Hole number:** KLUC19-533

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 297.0 | 300.0 | 92.00 | 100.00 | | | N | |
| 300.0 | 303.0 | 73.00 | 100.00 | | | N | |
| 303.0 | 306.0 | 92.00 | 100.00 | | | N | |
| 306.0 | 309.0 | 95.00 | 100.00 | | | N | |
| 309.0 | 312.0 | 95.00 | 100.00 | | | N | |
| 312.0 | 315.0 | 90.00 | 100.00 | | | N | |
| 315.0 | 318.0 | 70.00 | 100.00 | | | N | |
| 318.0 | 321.0 | 70.00 | 100.00 | | | N | |
| 321.0 | 324.0 | 57.00 | 100.00 | | | N | |
| 324.0 | 327.0 | 43.00 | 100.00 | | | N | |
| 327.0 | 330.0 | 63.00 | 100.00 | | | N | |
| 330.0 | 333.0 | 80.00 | 100.00 | | | N | |
| 333.0 | 336.0 | 82.00 | 100.00 | | | N | |
| 336.0 | 339.0 | 97.00 | 100.00 | | | N | |
| 339.0 | 342.0 | 97.00 | 100.00 | | | N | |
| 342.0 | 345.0 | 92.00 | 100.00 | | | N | |
| 345.0 | 348.0 | 80.00 | 100.00 | | | N | |
| 348.0 | 351.0 | 88.00 | 100.00 | | | N | |
| 351.0 | 354.0 | 97.00 | 100.00 | | | N | |
| 354.0 | 357.0 | 97.00 | 100.00 | | | N | |
| 357.0 | 360.0 | 100.00 | 100.00 | | | N | |
| 360.0 | 363.0 | 100.00 | 100.00 | | | N | |
| 363.0 | 366.0 | 97.00 | 100.00 | | | N | |
| 366.0 | 369.0 | 97.00 | 100.00 | | | N | |
| 369.0 | 372.0 | 77.00 | 100.00 | | | N | |
| 372.0 | 375.0 | 100.00 | 100.00 | | | N | |
| 375.0 | 378.0 | 77.00 | 100.00 | | | N | |
| 378.0 | 381.0 | 93.00 | 100.00 | | | N | |

**Hole number:** KLUC19-533

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 381.0 | 384.0 | 100.00 | 100.00 | | | N | |
| 384.0 | 387.0 | 97.00 | 100.00 | | | N | |
| 387.0 | 390.0 | 97.00 | 100.00 | | | N | |
| 390.0 | 393.0 | 100.00 | 100.00 | | | N | |
| 393.0 | 396.0 | 100.00 | 100.00 | | | N | |
| 396.0 | 399.0 | 100.00 | 100.00 | | | N | |
| 399.0 | 402.0 | 67.00 | 100.00 | | | N | |
| 402.0 | 405.0 | 57.00 | 100.00 | | | N | |
| 405.0 | 408.0 | 33.00 | 100.00 | | | N | |
| 408.0 | 411.0 | 33.00 | 100.00 | | | N | |
| 411.0 | 414.0 | 15.00 | 100.00 | | | N | |
| 414.0 | 417.0 | 38.00 | 100.00 | | | N | |
| 417.0 | 420.0 | 17.00 | 100.00 | | | N | |
| 420.0 | 423.0 | 42.00 | 100.00 | | | N | |
| 423.0 | 426.0 | 97.00 | 100.00 | | | N | |
| 426.0 | 429.0 | 100.00 | 100.00 | | | N | |
| 429.0 | 432.0 | 97.00 | 100.00 | | | N | |
| 432.0 | 435.0 | 100.00 | 100.00 | | | N | |
| 435.0 | 438.0 | 97.00 | 100.00 | | | N | |
| 438.0 | 441.0 | 83.00 | 100.00 | | | N | |
| 441.0 | 444.0 | 87.00 | 100.00 | | | N | |
| 444.0 | 447.0 | 83.00 | 100.00 | | | N | |
| 447.0 | 450.0 | 90.00 | 100.00 | | | N | |
| 450.0 | 453.0 | 97.00 | 100.00 | | | N | |
| 453.0 | 456.0 | 100.00 | 100.00 | | | N | |
| 456.0 | 459.0 | 97.00 | 100.00 | | | N | |
| 459.0 | 462.0 | 97.00 | 100.00 | | | N | |
| 462.0 | 465.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC19-533

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 465.0 | 468.0 | 100.00 | 100.00 | | | N | |
| 468.0 | 471.0 | 97.00 | 100.00 | | | N | |
| 471.0 | 474.0 | 100.00 | 100.00 | | | N | |
| 474.0 | 477.0 | 75.00 | 100.00 | | | N | |
| 477.0 | 480.0 | 53.00 | 100.00 | | | N | |
| 480.0 | 483.0 | 90.00 | 100.00 | | | N | |
| 483.0 | 486.0 | 62.00 | 100.00 | | | N | |
| 486.0 | 489.0 | 75.00 | 100.00 | | | N | |
| 489.0 | 492.0 | 90.00 | 100.00 | | | N | |
| 492.0 | 495.0 | 93.00 | 100.00 | | | N | |

AGNICO EAGLE

# DRILL HOLE REPORT

## EXPLORATION CANADA ONTARIO

**Hole number:** KLUC19-534 **Project Number:** U_Canada **Project name:** Upper Canada

| | |
|---|---|
| **Historic hole number:** | |
| **System:** | METRIC |
| **Target:** | UC_NORTHLAND |
| **No. Claim:** | PAT-18822 |
| **Year:** | 2 019 |
| **Date started:** | 2019-03-05 |
| **Date logged:** | 2019-03-08 |
| **Date completed:** | 2019-03-07 |
| **Core size:** | NQ |
| **Hole type:** | EXP |
| **Casing:** | Left in Hole, capped |
| **Logging status:** | Signed |
| **Rig number:** | 2501 |

| | |
|---|---|
| **Collar survey:** | Y |
| **Verified:** | N |
| **Gas:** | N |
| **Multishot survey:** | N |
| **Is making water:** | N |
| **Object in hole:** | Y |
| **Pulse EM survey:** | N |
| **Plugged:** | Y |
| **Cemented:** | Y |
| **Branch:** | N |
| **Reserve:** | N |

| | |
|---|---|
| **From:** | 0.0 |
| **To:** | 150.0 |
| **Depth:** | 150.0 |
| **Location:** | Surface |
| **Core storage:** | Mine Site |
| **Contractor:** | Asinii Drilling |
| **Logged by:** | Melanie Bouchard |
| **Signature:** | Mélanie Bouchard |

| | |
|---|---|
| **Coordinates:** | P |
| **Grid:** | UTM83-17_CSRS-2010: |
| **North:** | 5,332,727.79 |
| **East:** | 585,688.37 |
| **Elevation:** | 351.22 |
| **Collar dip:** | -46.39 |
| **Collar azimuth:** | 343.66 |

**Additional sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Proposed hole: UCP19-022. New and improved Asinii II drill Rig: 2501. Targeting: Shallow target of western edge Northland zone and east of diabase intrusion.

**Assay average**

| Average type | From | To | Length | Width | Zone | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Pb_ppm | Ni_ppm | As_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WEIGHTED | 1.5 | 22.5 | 21.0 | | UC_N_LAND | 1.694 | | | | | | |
| WEIGHTED | 77.5 | 87.5 | 10.0 | | | 1.576 | | | | | | |
| WEIGHTED | 127.5 | 129.0 | 1.5 | | | 1.020 | | | | | | |

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 345.00 | -45.00 | PLANNED | | Planned direction |
| 15.0 | 343.70 | -45.60 | EZ | O | 54838 |
| 75.0 | 343.60 | -45.40 | EZ | O | 54871 |
| 135.0 | 344.80 | -45.30 | EZ | O | 54498 |

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 343.66 | -46.39 | S | O | Surveyed dip and azimuth (true North) |
| 45.0 | 342.20 | -45.50 | EZ | O | 54292 |
| 105.0 | 344.20 | -45.10 | EZ | O | 54360 |

| Certificate |
|---|
| TM19067547 |
| TM19067554 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505D19-011 | Excaon1D | CAOND121095 - CAOND121186 |
| CXE5505D19-012 | Excaon1D | CAOND121187 - CAOND121333 |

| Sample number | Standard |
|---|---|
| CAOND121115 | CDN-CM-27-AEM |
| CAOND121120 | BLANK-DB |

## Hole number: KLUC19-534

| Certificate |
|---|
| TM19071620 |
| TM19071624 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505D19WRA-011 | Excaon2-WRA | CAOND119146 - CAOND119149 |
| CXE5505D19WRA-012 | Excaon2-WRA | CAOND119150 - CAOND119156 |

*The sample list may content samples from other holes

| Sample number | Standard |
|---|---|
| CAOND121130 | CDN-GS-5W |
| CAOND121145 | CDN-CM-28-AEM |
| CAOND121160 | CDN-CM-27-AEM |
| CAOND121170 | BLANK-DB |
| CAOND121175 | CDN-GS-5W |
| CAOND121190 | CDN-CM-28-AEM |

**Major:** **From:** 0.00 **To:** 1.50 OVB, Overburden

Overburden/Casing

**Major:** **From:** 1.50 **To:** 111.30 I2Dmp, Syenite mafic porphyryitic

Composition: Dark grey to purplish grey gradually changing to medium red to reddish brown at 20m, weak to moderately porphyritic. 1.5-20m = 1-2% felspar phenocrysts. 20m onwards = 1-2% feldspar phenocrysts, 3-5% medium grained amp crystals and 1-2% mafic zenoliths of various shapes and sizes randomly distributed throughout; I2mp - Syenite mafic porphyry. Magnetism: Weakly magnetic gradually changing to moderate. Veinning: 2-3% irregular and discontinuous cal, cal-chl veinning less than 1 cm thick. Structure: Undeformed with weak microfracturing. Alteration: Moderate to strong pervasive hem alteration in matrix, loca moderate Ep alteration occuring in fractures and veins. Mineralization: 2-3% very fine and fine grained, disseminated Py mineralization throughout, locally clustered with 5-10%. 1-2% 1cm thick semi-massive medium grained Py clusters/veins. Lower Contact: Sharp but irregular.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

1.50, 3.20, PYR, DIS, 2.00, -, FGR, 2-3% fine graiend dissemianted and clustered Py mineralization
3.20, 3.50, PYR, DIS, 15.00, -, VFG, 15-20% disseminated very fine grained Py occuring in a clsuter 20cm thick
3.50, 20.00, PYR, DIS, 3.00, -, FGR, 3-5% fine grained disseminated Py
20.00, 111.30, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated Py with minor intervals of 2-3% Py and rare Py clustered in cal veins
105.00, 105.20, APY, PAT, 3.00, -, VFG, 3% very fine grained Arsenopyrite clustered at upper contact of catacastic qtz vein

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

20.00, 111.30, HEM+, PEN, MOD, -, -, -, Moderate to strong pervasive hem alt

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

8.00, 9.00, BRR, WEAK, -, -, -, -, Weak grumbly and rusted core
104.00, 107.00, BRR, WEAK, -, -, -, -, Weak broken/fractured core

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121095 | 1.5 | 3.0 | 1.5 | 0.541 | | | | 2.75 |
| CAOND121096 | 3.0 | 4.5 | 1.5 | 0.794 | | | | 2.75 |
| CAOND121097 | 4.5 | 6.0 | 1.5 | 0.507 | | | | 2.76 |
| CAOND121098 | 6.0 | 7.5 | 1.5 | 1.685 | | | | 2.78 |
| CAOND121099 | 7.5 | 9.0 | 1.5 | 4.280 | | | | 2.72 |
| CAOND121101 | 9.0 | 10.5 | 1.5 | 1.785 | | | | 2.78 |
| CAOND121102 | 10.5 | 12.0 | 1.5 | 2.770 | | | | 2.79 |
| CAOND121103 | 12.0 | 13.5 | 1.5 | 4.180 | | | | 2.79 |
| CAOND121104 | 13.5 | 15.0 | 1.5 | 1.605 | | | | 2.78 |
| CAOND121105 | 15.0 | 16.5 | 1.5 | 0.517 | | | | 2.78 |
| CAOND121106 | 16.5 | 18.0 | 1.5 | 0.638 | | | | 2.78 |
| CAOND121107 | 18.0 | 19.5 | 1.5 | 0.523 | | | | 2.79 |
| CAOND121108 | 19.5 | 21.0 | 1.5 | 0.508 | | | | 2.81 |
| CAOND121109 | 21.0 | 22.5 | 1.5 | 3.380 | | | | 2.79 |
| CAOND121110 | 22.5 | 23.9 | 1.4 | 0.122 | | | | 2.76 |
| CAOND121111 | 23.9 | 25.0 | 1.1 | 0.106 | | | | 2.76 |
| CAOND121112 | 25.0 | 26.5 | 1.5 | 0.091 | | | | 2.77 |
| CAOND121113 | 26.5 | 28.0 | 1.5 | 0.038 | | | | 2.70 |
| CAOND121114 | 28.0 | 29.5 | 1.5 | 0.068 | | | | 2.75 |
| CAOND121116 | 29.5 | 31.0 | 1.5 | 0.063 | | | | 2.76 |
| CAOND121117 | 31.0 | 32.5 | 1.5 | 0.814 | | | | 2.78 |
| CAOND121118 | 32.5 | 34.0 | 1.5 | 0.333 | | | | 2.79 |
| CAOND121119 | 34.0 | 35.5 | 1.5 | 0.460 | | | | 2.77 |

**Hole number:** KLUC19-534

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS

7.20, 7.30, PYR, 5.00, -, -, -, -, -, -, -, PYR, 90.00, 0.5mm thick semi-massive Py-cal vein
11.80, 11.90, PYR, 2.00, -, -, -, -, -, -, -, PYR, 95.00, 2mm thick semi-massive Py veinlet
17.40, 17.50, PYR, 2.00, -, -, -, -, -, -, -, PYR, 90.00, 3mm thick Py vein with medium grained clustered Py
18.00, 35.00, CAL, 5.00, -, -, -, -, -, -, -, -, -, 5% irregular, discontinuous and whispy cal and cal-chl veinlets
21.50, 21.60, PYR, 2.00, -, -, -, -, -, -, -, PYR, 90.00, 0.5cm thick cal veinlet with 90-95% medium grained Py
76.00, 80.50, QTZ_2, 5.00, -, -, -, -, -, -, -, -, -, 5% irregular and discontinuous qtz-cal veinning
82.10, 82.20, PYR, 10.00, -, -, -, -, -, -, -, PYR, 15.00, 10-15% semi-massive Py clustered in microfractures over 10cm thick interval
84.80, 85.70, QTZ_2, 15.00, -, -, -, -, -, -, -, -, -, 15% cluster of irregular, discontinuous and whispy qtz-cal-chl-ep veinlets trending at 0-10 TCA and occuring over 60cm
86.90, 87.00, PYR, 5.00, -, -, -, -, -, -, -, -, -, 5% irregular and discontinuous cal? veinlets with medium grained clustered Py
104.10, 104.20, PYR, 2.00, -, -, -, -, -, -, -, PYR, 90.00, 0.5cm thick 90% Py veinlet
105.00, 105.60, QTZ, 15.00, -, -, -, -, -, -, -, APY, 5.00, 60cm thick interval of cataclastic qtz vein brittlely deforming and brecciating host rock. 5% very fine grained possible arsenopyrite clustered at upper contact of vein occuring in an interval of 15cm thick

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121121 | 35.5 | 37.0 | 1.5 | 0.186 | | | | 2.78 |
| CAOND121122 | 37.0 | 38.5 | 1.5 | 0.051 | | | | 2.79 |
| CAOND121123 | 38.5 | 40.0 | 1.5 | 0.035 | | | | 2.77 |
| CAOND121124 | 40.0 | 41.5 | 1.5 | 0.037 | | | | 2.80 |
| CAOND121126 | 41.5 | 43.0 | 1.5 | 0.014 | | | | 2.79 |
| CAOND121127 | 43.0 | 44.5 | 1.5 | 0.019 | | | | 2.80 |
| CAOND121128 | 44.5 | 46.0 | 1.5 | 0.026 | | | | 2.79 |
| CAOND121129 | 46.0 | 47.5 | 1.5 | 0.028 | | | | 2.79 |
| CAOND121131 | 47.5 | 49.0 | 1.5 | 0.141 | | | | 2.77 |
| CAOND121132 | 49.0 | 50.5 | 1.5 | 0.050 | | | | 2.77 |
| CAOND121133 | 50.5 | 52.0 | 1.5 | 0.094 | | | | 2.76 |
| CAOND121134 | 52.0 | 53.5 | 1.5 | 0.122 | | | | 2.79 |
| CAOND121135 | 53.5 | 55.0 | 1.5 | 0.631 | | | | 2.77 |
| CAOND121136 | 55.0 | 56.5 | 1.5 | 0.108 | | | | 2.79 |
| CAOND121137 | 56.5 | 58.0 | 1.5 | 0.076 | | | | 2.79 |
| CAOND121138 | 58.0 | 59.5 | 1.5 | 0.034 | | | | 2.78 |
| CAOND121139 | 59.5 | 61.0 | 1.5 | 0.057 | | | | 2.77 |
| CAOND121140 | 61.0 | 62.5 | 1.5 | 0.118 | | | | 2.78 |
| CAOND121141 | 62.5 | 64.0 | 1.5 | 0.087 | | | | 2.79 |
| CAOND121142 | 64.0 | 65.5 | 1.5 | 0.065 | | | | 2.79 |
| CAOND121143 | 65.5 | 67.0 | 1.5 | 0.110 | | | | 2.79 |
| CAOND121144 | 67.0 | 68.5 | 1.5 | 0.105 | | | | 2.77 |
| CAOND121146 | 68.5 | 70.0 | 1.5 | 0.072 | | | | 2.80 |
| CAOND121147 | 70.0 | 71.5 | 1.5 | 0.056 | | | | 2.77 |
| CAOND121148 | 71.5 | 73.0 | 1.5 | 0.115 | | | | 2.79 |
| CAOND121149 | 73.0 | 74.5 | 1.5 | 0.376 | | | | 2.79 |
| CAOND121151 | 74.5 | 76.0 | 1.5 | 0.114 | | | | 2.80 |
| CAOND121152 | 76.0 | 77.5 | 1.5 | 0.134 | | | | 2.78 |
| CAOND121153 | 77.5 | 79.0 | 1.5 | 0.792 | | | | 2.79 |
| CAOND121154 | 79.0 | 80.5 | 1.5 | 0.144 | | | | 2.77 |
| CAOND121155 | 80.5 | 82.0 | 1.5 | 0.367 | | | | 2.76 |
| CAOND121156 | 82.0 | 83.5 | 1.5 | 5.350 | | | | 2.80 |
| CAOND121157 | 83.5 | 84.5 | 1.0 | 0.406 | | | | 2.78 |

**Hole number:** KLUC19-534

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121158 | 84.5 | 86.0 | 1.5 | 0.075 | | | | 2.74 |
| CAOND121159 | 86.0 | 87.5 | 1.5 | 3.510 | | | | 2.80 |
| CAOND121161 | 87.5 | 89.0 | 1.5 | 0.061 | | | | 2.79 |
| CAOND121162 | 89.0 | 90.5 | 1.5 | 0.116 | | | | 2.78 |
| CAOND121163 | 90.5 | 92.0 | 1.5 | 0.072 | | | | 2.80 |
| CAOND121164 | 92.0 | 93.5 | 1.5 | 0.111 | | | | 2.79 |
| CAOND121165 | 93.5 | 95.0 | 1.5 | 0.154 | | | | 2.78 |
| CAOND121166 | 95.0 | 96.5 | 1.5 | 0.181 | | | | 2.79 |
| CAOND121167 | 96.5 | 98.0 | 1.5 | 0.133 | | | | 2.77 |
| CAOND121168 | 98.0 | 99.5 | 1.5 | 0.314 | | | | 2.78 |
| CAOND121169 | 99.5 | 101.0 | 1.5 | 0.310 | | | | 2.78 |
| CAOND121171 | 101.0 | 102.5 | 1.5 | 0.881 | | | | 2.78 |
| CAOND121172 | 102.5 | 104.0 | 1.5 | 0.164 | | | | 2.78 |
| CAOND121173 | 104.0 | 105.0 | 1.0 | 0.329 | | | | 2.79 |
| CAOND121174 | 105.0 | 106.0 | 1.0 | 0.132 | | | | 2.70 |
| CAOND121176 | 106.0 | 107.5 | 1.5 | 0.026 | | | | 2.77 |
| CAOND121177 | 107.5 | 109.0 | 1.5 | 0.048 | | | | 2.77 |
| CAOND121178 | 109.0 | 110.5 | 1.5 | 0.257 | | | | 2.79 |
| CAOND121179 | 110.5 | 111.3 | 0.8 | 0.067 | | | | 2.80 |

**Major:** **From:** 111.30 **To:** 112.50 PORPH, porphyry

Composition: Medium to dark red fine grained matrix with 25% beige medium grained felspar phenocrysts, pophyritic texture; PORPH - Porphyry. Magnetism: Moderately magnetic. Veinning: 0.5% mm scale qtz-cal veinlets. Structure: Undeformed. Alteration: Moderate to strong pervasive hem alteration. Mineralization: 0.5-1% fine grained disseminated Py. Lower Contact: Sharp but slightly irregular; trending at 80-90 TCA.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

111.30, 112.50, PYR, DIS, .50, -, VFG, 0.5-1% very fine grained dissemianted Py

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

111.30, 112.50, HEM+, PEN, MOD, -, -, -, Moderate to strong pervasive hem alt

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121181 | 111.3 | 112.5 | 1.2 | 0.050 | | | | 2.73 |

**Major:** **From:** 112.50 **To:** 139.60 I2Dmp, Syenite mafic porphyryitic

Composition: Dark grey to purplish grey gradually changing to medium red to reddish brown, 1-2% feldspar phenocrysts, 5-8% medium grained, subhedral, elongated amphibole crystals and 1-2% mafic

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121182 | 112.5 | 114.0 | 1.5 | 0.119 | | | | 2.76 |

**Hole number:** KLUC19-534

zenoliths of various shapes and sizes randomly distributed throughout. Could breakout 120-139.1m as 'Northland Greenspotted'; I2mp - Syenite mafic porphyry. Magnetism: Weakly magnetic. Veinning: 2-3% irregular and discontinuous cal, cal-ep microfracture controlled veinlets. Structure: Undeformed with weak microfracturing. Alteration: Moderate to strong pervasive hem alteration in matrix, random spots and fracture controlled moderate Ep alteration. Mineralization: 2-3% very fine and fine grained, disseminated Py mineralization throughout, locally clustered 1-2% 1cm thick semi-massive medium grained Py clusters/veins. Lower Contact: Subtle contact, gradational

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

112.50, 117.00, PYR, DIS, 2.00, -, FGR, 2-3% fine grained disseminated and clustered Py
117.00, 136.00, PYR, DIS, 1.00, -, FGR, 1-3% fine grained disseminated and clustered Py
136.00, 139.60, PYR, DIS, 3.00, -, FGR, 3-5% fine grained disseminated and clustered Py

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

112.50, 117.10, HEM+, PEN, MOD, -, -, -, Moderate to strong pervasive hem alt
115.00, 120.00, EPD+, PAT, WEAK, -, -, -, Weak patchy and fractured controlled Ep alteration
120.00, 139.60, EPD+, PAT, MOD, -, -, -, Moderate patchy and fractured controlled Ep alteration
122.00, 139.60, HEM+, PAT, MOD, -, -, -, Moderate to strong pervasive patches of Hem alt

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121183 | 114.0 | 115.5 | 1.5 | 0.354 | | | | 2.79 |
| CAOND121184 | 115.5 | 117.0 | 1.5 | 0.078 | | | | 2.83 |
| CAOND121185 | 117.0 | 118.5 | 1.5 | 0.407 | | | | 2.83 |
| CAOND121186 | 118.5 | 120.0 | 1.5 | 0.405 | | | | 2.83 |
| CAOND121187 | 120.0 | 121.5 | 1.5 | 0.749 | | | | 2.84 |
| CAOND121188 | 121.5 | 123.0 | 1.5 | 0.266 | | | | 2.84 |
| CAOND121189 | 123.0 | 124.5 | 1.5 | 0.905 | | | | 2.83 |
| CAOND121191 | 124.5 | 126.0 | 1.5 | 0.439 | | | | 2.84 |
| CAOND121192 | 126.0 | 127.5 | 1.5 | 0.231 | | | | 2.90 |
| CAOND121193 | 127.5 | 129.0 | 1.5 | 1.020 | | | | 2.86 |
| CAOND121194 | 129.0 | 130.5 | 1.5 | 0.140 | | | | 2.85 |
| CAOND121195 | 130.5 | 132.0 | 1.5 | 0.171 | | | | 2.87 |
| CAOND121196 | 132.0 | 133.5 | 1.5 | 0.223 | | | | 2.85 |
| CAOND121197 | 133.5 | 135.0 | 1.5 | 0.073 | | | | 2.75 |
| CAOND121198 | 135.0 | 136.5 | 1.5 | 0.033 | | | | 2.78 |
| CAOND121199 | 136.5 | 138.0 | 1.5 | 0.060 | | | | 2.80 |
| CAOND121201 | 138.0 | 139.0 | 1.0 | 0.085 | | | | 2.86 |
| CAOND121202 | 139.0 | 139.6 | 0.6 | 0.082 | | | | 2.92 |

**Major:** **From:** 139.60 **To:** 150.00 I3B, Diabase

Composition: Medium bluish grey, fine to medium grained, massive and relatively homogenuous with minor green and pinkish spotting; I3B - gabbroic diabase intrusion. Magnetism: Moderate to strongly magnetic. Veinning: None Structure: None Alteration: Moderate fracture control Ep alteration. Mineralization: None Lower Contact: Not reached.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

139.60, 150.00, EPD+, FRF, MOD, -, -, -, Moderate fractured controlled Ep alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121203 | 139.6 | 141.0 | 1.4 | 0.020 | | | | 2.96 |
| CAOND121204 | 141.0 | 142.5 | 1.5 | 0.013 | | | | 2.93 |
| CAOND121205 | 142.5 | 144.0 | 1.5 | 0.011 | | | | 3.00 |
| CAOND121206 | 144.0 | 145.5 | 1.5 | 0.011 | | | | 3.01 |
| CAOND121207 | 145.5 | 147.0 | 1.5 | 0.013 | | | | 3.02 |
| CAOND121208 | 147.0 | 148.5 | 1.5 | 0.010 | | | | 3.00 |
| CAOND121209 | 148.5 | 150.0 | 1.5 | 0.011 | | | | 3.04 |

**Geochemical sample**

| Sample | From | To | Ag gpt | Al2O3 Pct | Ba ppm | CaO Pct | Cu ppm | CO2 Pct | Cr ppm | Fe2O3 Pct | K2O Pct | LOI pct | MgO pct | MnO pct | Mo ppm | Na2O pct | Ni ppm | P2O5 pct |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Pb ppm | Rb ppm | SiO2 pct | Sr ppm | Tb ppm | Tm ppm | TiO2 pct | Tl ppm | Total pct | U ppm | V ppm | W ppm | Y ppm | Yb ppm | Zn ppm | Zr ppm |
| CAOND119146 | 4.8 | 5.0 | 0.3 | 14.40 | 1,445.00 | 5.42 | 32.00 | | 190.00 | 7.88 | 3.60 | 5.8 | 5.0 | 0.1 | 2.0 | 4.1 | 42.0 | 0.3 |
| | | | 7.0 | 81.5 | 51.7 | 756.0 | 0.60 | 0.27 | 0.6 | 5.00 | 99.1 | 2.8 | 178.0 | 11.0 | 17.9 | 2.0 | 83.0 | 156.0 |

## Hole number: KLUC19-534

| Sample | From | To | Ag gpt | Al2O3 Pct | Ba ppm | CaO Pct | Cu ppm | CO2 Pct | Cr ppm | Fe2O3 Pct | K2O Pct | LOI pct | MgO pct | MnO pct | Mo ppm | Na2O pct | Ni ppm | P2O5 pct |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Pb ppm | Rb ppm | SiO2 pct | Sr ppm | Tb ppm | Tm ppm | TiO2 pct | Tl ppm | Total pct | U ppm | V ppm | W ppm | Y ppm | Yb ppm | Zn ppm | Zr ppm |
| CAOND119147 | 55.0 | 55.2 | 0.3 | 15.20 | 1,835.00 | 6.17 | 19.00 | | 140.00 | 7.08 | 4.40 | 3.3 | 3.8 | 0.1 | 0.5 | 4.3 | 27.0 | 0.3 |
| | | | 4.0 | 116.0 | 53.3 | 1 180.0 | 0.62 | 0.26 | 0.5 | 5.00 | 98.9 | 2.8 | 175.0 | 3.0 | 18.1 | 1.8 | 57.0 | 164.0 |
| CAOND119148 | 101.3 | 101.4 | 0.3 | 15.60 | 1,610.00 | 5.45 | 19.00 | | 130.00 | 7.42 | 3.96 | 2.7 | 4.0 | 0.1 | 2.0 | 5.0 | 26.0 | 0.3 |
| | | | 7.0 | 100.0 | 55.3 | 1 140.0 | 0.66 | 0.28 | 0.6 | 5.00 | 100.7 | 3.1 | 195.0 | 10.0 | 19.0 | 2.1 | 66.0 | 173.0 |
| CAOND119149 | 112.0 | 112.2 | 0.3 | 15.60 | 1,840.00 | 4.26 | 40.00 | | 90.00 | 5.19 | 4.42 | 2.8 | 2.4 | 0.1 | 4.0 | 5.5 | 23.0 | 0.2 |
| | | | 3.0 | 110.5 | 57.8 | 701.0 | 0.48 | 0.22 | 0.4 | 5.00 | 99.0 | 3.2 | 138.0 | 4.0 | 14.1 | 1.5 | 38.0 | 157.0 |
| CAOND119150 | 126.5 | 126.6 | 0.3 | 13.80 | 854.00 | 9.10 | 19.00 | | 120.00 | 9.14 | 2.18 | 2.4 | 5.2 | 0.2 | 3.0 | 4.4 | 25.0 | 0.5 |
| | | | 7.0 | 42.1 | 52.3 | 1 545.0 | 0.76 | 0.31 | 0.8 | 5.00 | 100.2 | 1.8 | 183.0 | 3.0 | 20.8 | 1.9 | 70.0 | 157.0 |
| CAOND119151 | 149.5 | 149.6 | 0.3 | 12.50 | 270.00 | 10.15 | 164.00 | | 300.00 | 11.15 | 1.46 | 2.1 | 9.8 | 0.2 | 0.5 | 2.2 | 246.0 | 0.1 |
| | | | 1.0 | 64.8 | 49.8 | 381.0 | 0.31 | 0.16 | 0.7 | 5.00 | 100.3 | 0.2 | 215.0 | 1.0 | 10.0 | 0.8 | 82.0 | 48.0 |

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 1.5 | 3.0 | 87.00 | 100.00 | | | N | |
| 3.0 | 6.0 | 77.00 | 100.00 | | | N | |
| 6.0 | 9.0 | 77.00 | 100.00 | | | N | |
| 9.0 | 12.0 | 92.00 | 100.00 | | | N | |
| 12.0 | 15.0 | 98.00 | 100.00 | | | N | |
| 15.0 | 18.0 | 93.00 | 100.00 | | | N | |
| 18.0 | 21.0 | 92.00 | 100.00 | | | N | |
| 21.0 | 24.0 | 93.00 | 100.00 | | | N | |
| 24.0 | 27.0 | 83.00 | 100.00 | | | N | |
| 27.0 | 30.0 | 87.00 | 100.00 | | | N | |
| 30.0 | 33.0 | 92.00 | 100.00 | | | N | |
| 33.0 | 36.0 | 92.00 | 100.00 | | | N | |
| 36.0 | 39.0 | 83.00 | 100.00 | | | N | |
| 39.0 | 42.0 | 93.00 | 100.00 | | | N | |
| 42.0 | 45.0 | 92.00 | 100.00 | | | N | |
| 45.0 | 48.0 | 97.00 | 100.00 | | | N | |

**Hole number:** KLUC19-534

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 48.0 | 51.0 | 97.00 | 100.00 | | | N | |
| 51.0 | 54.0 | 100.00 | 100.00 | | | N | |
| 54.0 | 57.0 | 73.00 | 100.00 | | | N | |
| 57.0 | 60.0 | 100.00 | 100.00 | | | N | |
| 60.0 | 63.0 | 100.00 | 100.00 | | | N | |
| 63.0 | 66.0 | 92.00 | 100.00 | | | N | |
| 66.0 | 69.0 | 97.00 | 100.00 | | | N | |
| 69.0 | 72.0 | 93.00 | 100.00 | | | N | |
| 72.0 | 75.0 | 87.00 | 100.00 | | | N | |
| 75.0 | 78.0 | 93.00 | 100.00 | | | N | |
| 78.0 | 81.0 | 100.00 | 100.00 | | | N | |
| 81.0 | 84.0 | 77.00 | 100.00 | | | N | |
| 84.0 | 87.0 | 87.00 | 100.00 | | | N | |
| 87.0 | 90.0 | 92.00 | 100.00 | | | N | |
| 90.0 | 93.0 | 100.00 | 100.00 | | | N | |
| 93.0 | 96.0 | 90.00 | 100.00 | | | N | |
| 96.0 | 99.0 | 100.00 | 100.00 | | | N | |
| 99.0 | 102.0 | 88.00 | 100.00 | | | N | |
| 102.0 | 105.0 | 57.00 | 100.00 | | | N | |
| 105.0 | 108.0 | 92.00 | 100.00 | | | N | |
| 108.0 | 111.0 | 70.00 | 100.00 | | | N | |
| 111.0 | 114.0 | 87.00 | 100.00 | | | N | |
| 114.0 | 117.0 | 75.00 | 100.00 | | | N | |
| 117.0 | 120.0 | 77.00 | 100.00 | | | N | |
| 120.0 | 123.0 | 88.00 | 100.00 | | | N | |
| 123.0 | 126.0 | 88.00 | 100.00 | | | N | |
| 126.0 | 129.0 | 92.00 | 100.00 | | | N | |
| 129.0 | 132.0 | 80.00 | 100.00 | | | N | |

**Hole number:** KLUC19-534

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 132.0 | 135.0 | 87.00 | 100.00 | | | N | |
| 135.0 | 138.0 | 90.00 | 100.00 | | | N | |
| 138.0 | 141.0 | 97.00 | 100.00 | | | N | |
| 141.0 | 144.0 | 83.00 | 100.00 | | | N | |
| 144.0 | 147.0 | 83.00 | 100.00 | | | N | |
| 147.0 | 150.0 | 100.00 | 100.00 | | | N | |

AGNICO EAGLE

# DRILL HOLE REPORT

## EXPLORATION CANADA ONTARIO

**Hole number:** KLUC19-535 **Project Number:** U_Canada **Project name:** Upper Canada

| | |
|---|---|
| **Historic hole number:** | |
| **System:** | METRIC |
| **Target:** | UC_NORTHLAND |
| **No. Claim:** | PAT-18821 |
| **Year:** | 2 019 |
| **Date started:** | 2019-03-07 |
| **Date logged:** | 2019-03-12 |
| **Date completed:** | 2019-03-11 |
| **Core size:** | NQ |
| **Hole type:** | EXP |
| **Casing:** | Left in Hole, capped |
| **Logging status:** | Signed |
| **Rig number:** | 2501 |

| | |
|---|---|
| **Collar survey:** | Y |
| **Verified:** | N |
| **Gas:** | N |
| **Multishot survey:** | Y |
| **Is making water:** | N |
| **Object in hole:** | Y |
| **Pulse EM survey:** | N |
| **Plugged:** | Y |
| **Cemented:** | Y |
| **Branch:** | N |
| **Reserve:** | N |

| | |
|---|---|
| **From:** | 0.0 |
| **To:** | 400.0 |
| **Depth:** | 400.0 |
| **Location:** | Surface |
| **Core storage:** | Mine Site |
| **Contractor:** | Asinii Drilling |
| **Logged by:** | Melanie Bouchard |
| **Signature:** | Mélanie Bouchard |

| | |
|---|---|
| **Coordinates:** | P |
| **Grid:** | UTM83-17_CSRS-2010: |
| **North:** | 5,332,679.86 |
| **East:** | 586,030.65 |
| **Elevation:** | 369.53 |
| **Collar dip:** | -50.55 |
| **Collar azimuth:** | 347.55 |

**Additional sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Proposed hole: UCP19-024. New and improved Asinii II drill Rig: 2501. Targeting: Northland Zone, eastern stepout/plunge. Van ruth plug at 30m, 2x 40kg of portland cement.

**Assay average**

| Average type | From | To | Length | Width | Zone | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Pb_ppm | Ni_ppm | As_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WEIGHTED | 50.0 | 51.3 | 1.3 | | UC_N_LAND | 1.135 | | | | | | |
| WEIGHTED | 118.0 | 124.0 | 6.0 | | | 0.956 | | | | | | |
| WEIGHTED | 145.0 | 154.0 | 9.0 | | | 0.898 | | | | | | |
| WEIGHTED | 173.0 | 174.5 | 1.5 | | UC_N_LAND | 18.750 | | | | | | |
| WEIGHTED | 224.5 | 226.5 | 2.0 | | UC_N_LAND | 1.926 | | | | | | |

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 348.10 | -50.70 | ES | | Reflex EasyShot Multi-Shot |
| 0.0 | 345.00 | -50.00 | PLANNED | | Planned direction |
| 15.0 | 346.70 | -50.60 | EZ | | 53760 |
| 24.0 | 348.10 | -50.60 | ES | O | Reflex EasyShot Multi-Shot |
| 33.0 | 349.10 | -50.60 | ES | O | Reflex EasyShot Multi-Shot |
| 45.0 | 349.50 | -50.60 | ES | O | Reflex EasyShot Multi-Shot |

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 347.55 | -50.55 | S | O | Surveyed dip and azimuth (true North) |
| 9.0 | 348.60 | -50.70 | ES | O | Reflex EasyShot Multi-Shot |
| 21.0 | 348.20 | -50.60 | ES | O | Reflex EasyShot Multi-Shot |
| 30.0 | 348.60 | -50.60 | ES | O | Reflex EasyShot Multi-Shot |
| 42.0 | 349.70 | -50.60 | ES | O | Reflex EasyShot Multi-Shot |
| 45.0 | 350.50 | -50.50 | EZ | | 54611 |

**Hole number:** KLUC19-535

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 48.0 | 349.40 | -50.60 | ES | O | Reflex EasyShot Multi-Shot |
| 54.0 | 349.50 | -50.50 | ES | O | Reflex EasyShot Multi-Shot |
| 60.0 | 349.10 | -50.50 | ES | O | Reflex EasyShot Multi-Shot |
| 75.0 | 349.60 | -50.40 | ES | O | Reflex EasyShot Multi-Shot |
| 78.0 | 349.20 | -50.40 | ES | O | Reflex EasyShot Multi-Shot |
| 84.0 | 348.30 | -50.30 | ES | O | Reflex EasyShot Multi-Shot |
| 93.0 | 347.50 | -50.10 | ES | O | Reflex EasyShot Multi-Shot |
| 99.0 | 347.60 | -50.10 | ES | O | Reflex EasyShot Multi-Shot |
| 105.0 | 347.30 | -50.20 | ES | O | Reflex EasyShot Multi-Shot |
| 108.0 | 347.50 | -50.20 | ES | O | Reflex EasyShot Multi-Shot |
| 114.0 | 347.50 | -50.20 | ES | O | Reflex EasyShot Multi-Shot |
| 120.0 | 348.80 | -50.20 | ES | O | Reflex EasyShot Multi-Shot |
| 132.0 | 348.40 | -49.00 | ES | O | Reflex EasyShot Multi-Shot |
| 135.0 | 348.60 | -50.30 | ES | O | Reflex EasyShot Multi-Shot |
| 144.0 | 348.90 | -50.40 | ES | O | Reflex EasyShot Multi-Shot |
| 165.0 | 348.30 | -50.90 | ES | O | Reflex EasyShot Multi-Shot |
| 171.0 | 348.20 | -50.30 | ES | O | Reflex EasyShot Multi-Shot |
| 183.0 | 348.80 | -50.30 | ES | O | Reflex EasyShot Multi-Shot |
| 195.0 | 348.80 | -50.30 | ES | O | Reflex EasyShot Multi-Shot |
| 201.0 | 347.80 | -50.20 | ES | O | Reflex EasyShot Multi-Shot |
| 207.0 | 347.60 | -50.30 | ES | O | Reflex EasyShot Multi-Shot |
| 213.0 | 348.10 | -50.30 | ES | O | Reflex EasyShot Multi-Shot |
| 219.0 | 348.50 | -50.30 | ES | O | Reflex EasyShot Multi-Shot |
| 225.0 | 348.50 | -50.30 | ES | O | Reflex EasyShot Multi-Shot |
| 228.0 | 348.00 | -50.30 | ES | O | Reflex EasyShot Multi-Shot |
| 237.0 | 348.30 | -50.20 | ES | O | Reflex EasyShot Multi-Shot |
| 243.0 | 349.60 | -50.30 | ES | O | Reflex EasyShot Multi-Shot |
| 249.0 | 350.30 | -50.20 | ES | O | Reflex EasyShot Multi-Shot |
| 255.0 | 349.80 | -50.20 | ES | O | Reflex EasyShot Multi-Shot |
| 261.0 | 349.00 | -50.40 | ES | O | Reflex EasyShot Multi-Shot |
| 267.0 | 349.40 | -50.20 | ES | O | Reflex EasyShot Multi-Shot |
| 276.0 | 350.50 | -50.30 | ES | O | Reflex EasyShot Multi-Shot |
| 51.0 | 349.30 | -50.50 | ES | O | Reflex EasyShot Multi-Shot |
| 57.0 | 349.30 | -50.50 | ES | O | Reflex EasyShot Multi-Shot |
| 63.0 | 349.40 | -50.50 | ES | O | Reflex EasyShot Multi-Shot |
| 75.0 | 350.10 | -50.40 | EZ | | 54831 |
| 81.0 | 349.00 | -50.30 | ES | O | Reflex EasyShot Multi-Shot |
| 90.0 | 347.50 | -50.20 | ES | O | Reflex EasyShot Multi-Shot |
| 96.0 | 347.10 | -50.10 | ES | O | Reflex EasyShot Multi-Shot |
| 102.0 | 347.90 | -50.10 | ES | O | Reflex EasyShot Multi-Shot |
| 105.0 | 337.70 | -50.10 | EZ | | 32994 |
| 111.0 | 347.50 | -50.20 | ES | O | Reflex EasyShot Multi-Shot |
| 117.0 | 347.80 | -50.20 | ES | O | Reflex EasyShot Multi-Shot |
| 129.0 | 348.30 | -50.20 | ES | O | Reflex EasyShot Multi-Shot |
| 135.0 | 348.80 | -50.30 | EZ | | 54439 |
| 141.0 | 348.00 | -50.40 | ES | O | Reflex EasyShot Multi-Shot |
| 162.0 | 348.80 | -50.30 | ES | O | Reflex EasyShot Multi-Shot |
| 165.0 | 349.10 | -50.20 | EZ | | 54400 |
| 180.0 | 348.80 | -50.20 | ES | O | Reflex EasyShot Multi-Shot |
| 195.0 | 348.60 | -50.30 | EZ | | 54449 |
| 198.0 | 347.30 | -50.30 | ES | O | Reflex EasyShot Multi-Shot |
| 204.0 | 348.60 | -50.30 | ES | O | Reflex EasyShot Multi-Shot |
| 210.0 | 348.00 | -50.30 | ES | O | Reflex EasyShot Multi-Shot |
| 216.0 | 348.00 | -50.30 | ES | O | Reflex EasyShot Multi-Shot |
| 222.0 | 348.00 | -50.30 | ES | O | Reflex EasyShot Multi-Shot |
| 225.0 | 348.40 | -50.30 | EZ | | 54543 |
| 231.0 | 348.70 | -50.20 | ES | O | Reflex EasyShot Multi-Shot |
| 240.0 | 348.90 | -50.30 | ES | O | Reflex EasyShot Multi-Shot |
| 246.0 | 350.50 | -50.20 | ES | O | Reflex EasyShot Multi-Shot |
| 252.0 | 349.10 | -50.20 | ES | O | Reflex EasyShot Multi-Shot |
| 255.0 | 347.90 | -50.30 | EZ | | 54337 |
| 264.0 | 349.40 | -50.20 | ES | O | Reflex EasyShot Multi-Shot |
| 270.0 | 349.50 | -50.30 | ES | O | Reflex EasyShot Multi-Shot |
| 279.0 | 350.30 | -50.20 | ES | O | Reflex EasyShot Multi-Shot |

## Hole number: KLUC19-535

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 282.0 | 350.30 | -50.30 | ES | O | Reflex EasyShot Multi-Shot |
| 285.0 | 349.50 | -50.20 | EZ | | 55138 |
| 300.0 | 349.90 | -50.40 | ES | O | Reflex EasyShot Multi-Shot |
| 309.0 | 349.90 | -50.40 | ES | O | Reflex EasyShot Multi-Shot |
| 315.0 | 348.20 | -50.40 | ES | O | Reflex EasyShot Multi-Shot |
| 318.0 | 348.40 | -50.40 | ES | O | Reflex EasyShot Multi-Shot |
| 324.0 | 349.10 | -50.60 | ES | O | Reflex EasyShot Multi-Shot |
| 333.0 | 349.60 | -50.40 | ES | O | Reflex EasyShot Multi-Shot |
| 339.0 | 349.80 | -50.40 | ES | O | Reflex EasyShot Multi-Shot |
| 345.0 | 349.60 | -50.40 | EZ | | 55022 |
| 354.0 | 350.10 | -50.30 | ES | O | Reflex EasyShot Multi-Shot |
| 369.0 | 350.00 | -50.30 | ES | O | Reflex EasyShot Multi-Shot |
| 375.0 | 350.40 | -50.30 | ES | O | Reflex EasyShot Multi-Shot |
| 378.0 | 350.40 | -50.40 | ES | O | Reflex EasyShot Multi-Shot |
| 384.0 | 350.80 | -50.30 | ES | O | Reflex EasyShot Multi-Shot |
| 285.0 | 350.60 | -50.50 | ES | O | Reflex EasyShot Multi-Shot |
| 294.0 | 350.70 | -50.50 | ES | O | Reflex EasyShot Multi-Shot |
| 303.0 | 349.80 | -50.40 | ES | O | Reflex EasyShot Multi-Shot |
| 312.0 | 349.90 | -50.40 | ES | O | Reflex EasyShot Multi-Shot |
| 315.0 | 350.80 | -50.50 | EZ | | 55391 |
| 321.0 | 349.20 | -50.50 | ES | O | Reflex EasyShot Multi-Shot |
| 327.0 | 349.30 | -50.40 | ES | O | Reflex EasyShot Multi-Shot |
| 336.0 | 349.30 | -50.40 | ES | O | Reflex EasyShot Multi-Shot |
| 342.0 | 349.90 | -50.40 | ES | O | Reflex EasyShot Multi-Shot |
| 351.0 | 349.70 | -50.40 | ES | O | Reflex EasyShot Multi-Shot |
| 357.0 | 350.10 | -50.40 | ES | O | Reflex EasyShot Multi-Shot |
| 372.0 | 350.60 | -50.30 | ES | O | Reflex EasyShot Multi-Shot |
| 375.0 | 350.40 | -50.80 | EZ | | 54931 |
| 381.0 | 350.70 | -50.30 | ES | O | Reflex EasyShot Multi-Shot |
| 387.0 | 350.80 | -50.30 | ES | O | Reflex EasyShot Multi-Shot |

| Certificate |
|---|
| TM19071620 |
| TM19071624 |
| TM19073999 |
| TM19074001 |
| TM19078623 |
| TM19079265 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505D19-012 | Excaon1D | CAOND121187 - CAOND121333 |
| CXE5505D19-013 | Excaon1D | CAOND121334 - CAOND121453 |
| CXE5505D19-014 | Excaon1D | CAOND121454 - CAOND121573 |
| CXE5505D19WRA-012 | Excaon2-WRA | CAOND119150 - CAOND119156 |
| CXE5505D19WRA-013 | Excaon2-WRA | CAOND119157 - CAOND119163 |
| CXE5505D19WRA-014 | Excaon2-WRA | CAOND119164 - CAOND119166 |

*The sample list may content samples from other holes

| Sample number | Standard |
|---|---|
| CAOND121215 | CDN-CM-27-AEM |
| CAOND121220 | BLANK-DB |
| CAOND121230 | CDN-GS-5W |
| CAOND121245 | CDN-CM-28-AEM |
| CAOND121260 | CDN-CM-27-AEM |
| CAOND121270 | BLANK-DB |
| CAOND121275 | CDN-GS-5W |
| CAOND121290 | CDN-CM-28-AEM |
| CAOND121315 | CDN-CM-27-AEM |
| CAOND121320 | BLANK-DB |
| CAOND121330 | CDN-GS-5W |
| CAOND121345 | CDN-CM-28-AEM |
| CAOND121360 | CDN-CM-27-AEM |
| CAOND121370 | BLANK-DB |
| CAOND121375 | CDN-GS-5W |

**Hole number:** KLUC19-535

| Sample number | Standard |
|---|---|
| CAOND121390 | CDN-CM-28-AEM |
| CAOND121415 | CDN-CM-27-AEM |
| CAOND121420 | BLANK-DB |
| CAOND121430 | CDN-GS-5W |
| CAOND121445 | CDN-CM-28-AEM |
| CAOND121460 | CDN-CM-27-AEM |
| CAOND121470 | BLANK-DB |
| CAOND121475 | CDN-GS-5W |
| CAOND121490 | CDN-CM-28-AEM |
| CAOND121515 | CDN-CM-27-AEM |
| CAOND121520 | BLANK-DB |
| CAOND121530 | CDN-GS-5W |

**Major:** **From:** 0.00 **To:** 2.00 OVB, Overburden

Overburden / casing

**Major:** **From:** 2.00 **To:** 52.10 V8mtl, Trachyte mafic tuff lapilli

Composition: Dominantly dark green with patches of pale to medium purple and white spots, alternating intervals of fine grained massive and clastic/monolithic conglomerate beds, dominantly undeformed but contains weak preferential alignment; V8mtl - Trachyte mafic tuff lapilli. Magnetism: Strongly magnetic. Veinning: 2-3% chaotic and discontinuous calite veinlets. Structure: Dominantly undeformed with local weak preferential alignment at 30-40 TCA. Alteration: Strong pervasive calcite alteration. Mineralization: 0.5% fine grained Py only observed locally in qtz-carb veinning towards end of interval. Lower Contact: Relatively sharp 32-43.2m = large monolithic pebble-like clasts diminish, textures become equigranular and more massive with no preferential alignment. There is an increase in parallel pale pink calcite veins oriented at 80-90 TCA. 43.2-52.2m = Composition appears the same as major unit but intensity of deformation and foliation has increased to moderate. Chaotic qtz-carb veinning observed and local carb bleaching.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

48.90, 51.20, PYR, PAT, 5.00, -, -, 5% very fine grained clustred Py mienralization occuring around qtz-carb veinning

51.40, 52.10, PYR, DIS, 5.00, -, FGR, 5% fine grained diss Py in Ep altered interval

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

2.00, 52.10, CAL+, PEN, STRONG, -, -, -, Strong pervasive calcite alteration

48.90, 51.20, SER+, PAT, MOD, -, -, -, Moderate mm scale patches and lenses of moderate Se alteration

50.50, 51.20, CBT+, PAT, MOD, -, -, -, Moderate carbonate bleaching

51.40, 52.10, EPD+, FRF, STRONG, -, -, -, Strong Ep alteration occuring as patches and chaotic cluster

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121210 | 2.0 | 3.5 | 1.5 | 0.008 | | | | 2.71 |
| CAOND121211 | 3.5 | 5.0 | 1.5 | 0.008 | | | | 2.73 |
| CAOND121212 | 5.0 | 6.5 | 1.5 | 0.007 | | | | 2.74 |
| CAOND121213 | 6.5 | 8.0 | 1.5 | 0.008 | | | | 2.78 |
| CAOND121214 | 8.0 | 9.5 | 1.5 | 0.006 | | | | 2.74 |
| CAOND121216 | 9.5 | 11.0 | 1.5 | 0.008 | | | | 2.75 |
| CAOND121217 | 11.0 | 12.5 | 1.5 | 0.007 | | | | 2.75 |
| CAOND121218 | 12.5 | 14.0 | 1.5 | 0.003 | | | | 2.75 |
| CAOND121219 | 14.0 | 15.5 | 1.5 | 0.003 | | | | 2.76 |
| CAOND121221 | 15.5 | 17.0 | 1.5 | 0.005 | | | | 2.76 |
| CAOND121222 | 17.0 | 18.5 | 1.5 | 0.009 | | | | 2.74 |
| CAOND121223 | 18.5 | 20.0 | 1.5 | 0.014 | | | | 2.74 |
| CAOND121224 | 20.0 | 21.5 | 1.5 | 0.003 | | | | 2.76 |
| CAOND121226 | 21.5 | 23.0 | 1.5 | 0.003 | | | | 2.69 |
| CAOND121227 | 23.0 | 24.5 | 1.5 | 0.003 | | | | 2.68 |
| CAOND121228 | 24.5 | 26.0 | 1.5 | 0.005 | | | | 2.70 |
| CAOND121229 | 26.0 | 27.5 | 1.5 | 0.006 | | | | 2.69 |
| CAOND121231 | 27.5 | 29.0 | 1.5 | 0.009 | | | | 2.71 |

**Hole number:** KLUC19-535

of fracture filling

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

2.00, 32.00, DFZ, WEAK, -, -, -, -, Weak deformation and preferential alignment
2.00, 32.00, FOL, WEAK, 30.00, -, -, -, Weak preferential alignment at 30-40 TCA
43.20, 52.10, DFZ, MOD, 40.00, -, -, -, Moderate parallel deformation oriented at 40-50 TCA
43.20, 52.10, FOL, MOD, 40.00, -, -, -, Moderate preferential alignment oriented at 40-50 TCA

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

34.00, 39.00, CAL, 5.00, 80.00, -, -, -, -, -, -, -, -, 5% pale pink calcite veinlets, mm scale, parallel to one another at 80-90 TCA
43.00, 46.00, QTZ_2, 5.00, -, -, -, -, -, -, -, -, -, 5% irregular, wavy and chaotic, discontinuous qtz-cal veinning, dominantly trending parallel to deformation
48.80, 51.10, QtzCbt, 15.00, -, -, -, -, -, -, -, PYR, 3.00, 15% irregular, wavy and chaotic, discontinuous qtz-carb veinning, dominantly trending parallel to deformation. 5% very fine grained Py clusters around veinnning

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121232 | 29.0 | 30.5 | 1.5 | 0.010 | | | | 2.71 |
| CAOND121233 | 30.5 | 32.0 | 1.5 | 0.007 | | | | 2.74 |
| CAOND121234 | 32.0 | 33.5 | 1.5 | 0.005 | | | | 2.77 |
| CAOND121235 | 33.5 | 35.0 | 1.5 | 0.006 | | | | 2.75 |
| CAOND121236 | 35.0 | 36.5 | 1.5 | 0.003 | | | | 2.76 |
| CAOND121237 | 36.5 | 38.0 | 1.5 | 0.003 | | | | 2.77 |
| CAOND121238 | 38.0 | 39.5 | 1.5 | 0.010 | | | | 2.78 |
| CAOND121239 | 39.5 | 41.0 | 1.5 | 0.009 | | | | 2.75 |
| CAOND121240 | 41.0 | 42.5 | 1.5 | 0.011 | | | | 2.76 |
| CAOND121241 | 42.5 | 43.3 | 0.8 | 0.011 | | | | 2.77 |
| CAOND121242 | 43.3 | 44.8 | 1.5 | 0.012 | | | | 2.57 |
| CAOND121243 | 44.8 | 46.0 | 1.2 | 0.003 | | | | 2.77 |
| CAOND121244 | 46.0 | 47.5 | 1.5 | 0.003 | | | | 2.75 |
| CAOND121246 | 47.5 | 48.8 | 1.3 | 0.010 | | | | 2.76 |
| CAOND121247 | 48.8 | 50.0 | 1.2 | 0.124 | | | | 2.84 |
| CAOND121248 | 50.0 | 51.3 | 1.3 | 1.135 | | | | 2.78 |
| CAOND121249 | 51.3 | 52.1 | 0.8 | 0.272 | | | | 2.75 |

**Major:** **From:** 52.10 **To:** 126.00 I2Dm, Mafic Syenite

Composition: Massive, brittlely and chaotically deformed with local moderately brecciated intervals, various shades of purple, reds and pink colours, various gradual changes in textures and colours; I2Dm - Syenite mafic intrusion. Magnetism: Dominantly non magnetic with minor intervals of weak magnetism. Veinning: 5% chaotic qtz-carb veinning dominantly trending parallel to core. Structure: Weak brittle and chaotic deformation. Alteration: Weak and moderate pervasive hem alteration. Mineralization: 3-5% very fine and fine grained dissseminated Py mineralization. Lower Contact: Gradational, contact is marked by the introduction of Ep spotted alteration 91-110m = dark purple to purplish grey, fine to medium grained, massive, mafic syenite with weak chaotic and locally brecciated texture. Composition, colours and textures more consistently similar in this interval. 110-126m = dark purplish grey to greenish grey, more massive and non deformed compared to previous 91-110m.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

52.10, 75.70, PYR, DIS, 3.00, -, VFG, 3-5% very fine and fine grained dissemianted Py
75.70, 85.50, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated Py
85.50, 106.00, PYR, DIS, 2.00, -, FGR, 2-3% fine grained disseminated Py
106.00, 126.00, PYR, DIS, 1.00, -, FGR, 1-2% fine grained disseminated Py

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121251 | 52.1 | 53.5 | 1.4 | 0.036 | | | | 2.67 |
| CAOND121252 | 53.5 | 55.0 | 1.5 | 0.020 | | | | 2.66 |
| CAOND121253 | 55.0 | 56.4 | 1.4 | 0.027 | | | | 2.66 |
| CAOND121254 | 56.4 | 57.7 | 1.3 | 0.013 | | | | 2.67 |
| CAOND121255 | 57.7 | 59.0 | 1.3 | 0.877 | | | | 2.78 |
| CAOND121256 | 59.0 | 60.5 | 1.5 | 0.302 | | | | 2.77 |
| CAOND121257 | 60.5 | 62.0 | 1.5 | 0.044 | | | | 2.66 |
| CAOND121258 | 62.0 | 63.5 | 1.5 | 0.011 | | | | 2.67 |
| CAOND121259 | 63.5 | 65.0 | 1.5 | 0.037 | | | | 2.69 |
| CAOND121261 | 65.0 | 66.5 | 1.5 | 0.037 | | | | 2.69 |
| CAOND121262 | 66.5 | 68.0 | 1.5 | 0.023 | | | | 2.68 |
| CAOND121263 | 68.0 | 69.5 | 1.5 | 0.048 | | | | 2.68 |
| CAOND121264 | 69.5 | 71.0 | 1.5 | 0.047 | | | | 2.66 |
| CAOND121265 | 71.0 | 72.5 | 1.5 | 0.108 | | | | 2.65 |
| CAOND121266 | 72.5 | 74.0 | 1.5 | 0.040 | | | | 2.65 |

**Hole number:** KLUC19-535

52.10, 52.20, CAL+, PEN, STRONG, -, -, -, Strong pervasive calcite alteration
52.20, 71.50, HEM+, PEN, MOD, -, -, -, Alternating intervals of weak and moderate locally strong hem alteration
71.50, 75.70, KFS+, PEN, STRONG, -, -, -, Moderate to strong pervasive kspar alteration
85.50, 91.00, EPD+, PAT, MOD, -, -, -, Moderate patchy Ep alteration and fracture filling
85.50, 91.00, SER+, PAT, WEAK, -, -, -, Weak to moderate patchy Se alteration?

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

52.10, 71.00, BRC, WEAK, -, -, -, -, Weak to moderate brecciation
52.10, 71.00, DFZ, MOD, -, -, -, -, Moderate chaotic and brittle deformation
71.00, 85.50, DFZ, WEAK, -, -, -, -, Weak to moderate brittle deformation with weak preferentia alignmnet at 40-50 TCA
71.00, 85.50, FOL, WEAK, -, -, -, -, Weak preferential alignment at 40-50 TCA
85.50, 90.00, BRC, MOD, -, -, -, -, Moderate brecciation occuring locally
85.50, 90.00, DFZ, WEAK, -, -, -, -, Weak to moderate chaotic, brittle deformation and brecciation
90.00, 126.00, BRC, WEAK, -, -, -, -, Weak in-situ brecciation
90.00, 126.00, DFZ, WEAK, -, -, -, -, Weak brittle deformation, microfracturing and in-situ brecciation

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

55.10, 58.20, QtzCalChl, 15.00, -, -, -, -, -, -, -, -, -, 15% irregular, wavy and chaotic, discontinuous qtz-cal-chl veinning, dominantly trending parallel to core
55.10, 58.20, QtzCbt, 2.00, -, -, -, -, -, -, -, -, -, 2% irregular, wavy and chaotic, discontinuous qtz-carb veinning
61.20, 62.80, QtzCbt, 3.00, -, -, -, -, -, -, -, -, -, 3% irregular and chaotic qtz-carb veinning at various orientations and thickness (dominantly 2-5mm, 1x 3cm)
71.50, 76.00, QtzCbt, 15.00, -, -, -, -, -, -, -, -, -, 15% chaotic, irregular and discontinuous qtz-carb veinning
76.80, 77.00, QTZ, 5.00, -, -, -, -, -, -, -, PYR, 5.00, 1x 0.5cm thick qtz-carb vein with 5% clustered Py, trending at 40 TCA
82.40, 83.30, QtzCbt, 30.00, -, -, -, -, -, -, -, PYR, 2.00, 30% irregular and chaotic qtz-carb veinning with 1% Py in vein and at contacts of vein
100.60, 100.70, PYR, 20.00, -, -, -, -, -, -, -, PYR, 90.00, 3cm thick cluster of fine grained Py trending at 80 TCA but has irregular contacts
109.50, 110.70, QtzCbt, 30.00, -, -, -, -, -, -, -, -, -, 30% chaotic qtz-carb vein with brecciated angular clasts of host rock in vein

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121267 | 74.0 | 75.0 | 1.0 | 0.056 | | | | 2.63 |
| CAOND121268 | 75.0 | 75.7 | 0.7 | 0.066 | | | | 2.67 |
| CAOND121269 | 75.7 | 77.0 | 1.3 | 0.008 | | | | 2.69 |
| CAOND121271 | 77.0 | 78.5 | 1.5 | 0.022 | | | | 2.69 |
| CAOND121272 | 78.5 | 80.0 | 1.5 | 0.015 | | | | 2.71 |
| CAOND121273 | 80.0 | 81.5 | 1.5 | 0.015 | | | | 2.69 |
| CAOND121274 | 81.5 | 82.6 | 1.1 | 0.021 | | | | 2.69 |
| CAOND121276 | 82.6 | 83.2 | 0.6 | 0.015 | | | | 2.69 |
| CAOND121277 | 83.2 | 84.5 | 1.3 | 0.022 | | | | 2.68 |
| CAOND121278 | 84.5 | 85.4 | 0.9 | 0.118 | | | | 2.68 |
| CAOND121279 | 85.4 | 86.5 | 1.1 | 0.144 | | | | 2.68 |
| CAOND121281 | 86.5 | 88.0 | 1.5 | 0.041 | | | | 2.67 |
| CAOND121282 | 88.0 | 89.5 | 1.5 | 0.042 | | | | 2.69 |
| CAOND121283 | 89.5 | 91.0 | 1.5 | 0.086 | | | | 2.76 |
| CAOND121284 | 91.0 | 92.5 | 1.5 | 0.056 | | | | 2.72 |
| CAOND121285 | 92.5 | 94.0 | 1.5 | 0.054 | | | | 2.73 |
| CAOND121286 | 94.0 | 95.5 | 1.5 | 0.139 | | | | 2.72 |
| CAOND121287 | 95.5 | 97.0 | 1.5 | 0.035 | | | | 2.73 |
| CAOND121288 | 97.0 | 98.5 | 1.5 | 0.083 | | | | 2.73 |
| CAOND121289 | 98.5 | 100.0 | 1.5 | 0.016 | | | | 2.71 |
| CAOND121291 | 100.0 | 101.5 | 1.5 | 0.017 | | | | 2.72 |
| CAOND121292 | 101.5 | 103.0 | 1.5 | 0.013 | | | | 2.71 |
| CAOND121293 | 103.0 | 104.5 | 1.5 | 0.030 | | | | 2.73 |
| CAOND121294 | 104.5 | 106.0 | 1.5 | 0.020 | | | | 2.72 |
| CAOND121295 | 106.0 | 107.5 | 1.5 | 0.014 | | | | 2.72 |
| CAOND121296 | 107.5 | 108.5 | 1.0 | 0.025 | | | | 2.71 |
| CAOND121297 | 108.5 | 109.5 | 1.0 | 0.037 | | | | 2.74 |
| CAOND121298 | 109.5 | 110.6 | 1.1 | 0.110 | | | | 2.72 |
| CAOND121299 | 110.6 | 112.0 | 1.4 | 0.560 | | | | 2.79 |
| CAOND121301 | 112.0 | 113.5 | 1.5 | 0.109 | | | | 2.78 |
| CAOND121302 | 113.5 | 115.0 | 1.5 | 0.313 | | | | 2.77 |
| CAOND121303 | 115.0 | 116.5 | 1.5 | 0.125 | | | | 2.76 |
| CAOND121304 | 116.5 | 118.0 | 1.5 | 0.243 | | | | 2.78 |

**Hole number:** KLUC19-535

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121305 | 118.0 | 119.5 | 1.5 | 0.512 | | | | 2.77 |
| CAOND121306 | 119.5 | 121.0 | 1.5 | 0.488 | | | | 2.77 |
| CAOND121307 | 121.0 | 122.5 | 1.5 | 1.410 | | | | 2.76 |
| CAOND121308 | 122.5 | 124.0 | 1.5 | 1.415 | | | | 2.76 |
| CAOND121309 | 124.0 | 125.0 | 1.0 | 0.419 | | | | 2.74 |
| CAOND121310 | 125.0 | 126.0 | 1.0 | 0.270 | | | | 2.75 |

**Major:** **From:** 126.00 **To:** 146.90 V8Gs, Trachyte green spotted

Composition: Dark grey to dark bluish grey very fine grained matrix with 2-3% fine to medium grained subhedral random amp crystals, 15% random Ep patches and spots and fractur filling, typical Nothland Green spotted; V8Gs - Trachyte green spotted. Magnetism: Moderately magnetic. Veinning: 2-3% mm scale fracture filling cal-hem veinlets. Structure: Undeformed. Alteration: Moderate spotted and fracture filling Ep alteration. Mineralization: 1-2% disseminated and clustered fine grained Py mineralization. Lower Contact: Sharp, slightly irregular and trending at 40 TCA.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

126.00, 141.00, PYR, DIS, 1.00, -, FGR, 1-2% fine grained disseminated Py

141.00, 146.90, PYR, PAT, 2.00, -, FGR, 2-3% fine and medium grained clustered and spotted Py

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

126.00, 146.90, EPD+, SPO, MOD, -, -, -, Moderate Ep alteration occuring as spots and patches randomly distributed throughout

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121311 | 126.0 | 127.5 | 1.5 | 0.468 | | | | 2.80 |
| CAOND121312 | 127.5 | 129.0 | 1.5 | 0.275 | | | | 2.79 |
| CAOND121313 | 129.0 | 130.5 | 1.5 | 0.060 | | | | 2.76 |
| CAOND121314 | 130.5 | 132.0 | 1.5 | 0.045 | | | | 2.73 |
| CAOND121316 | 132.0 | 133.4 | 1.4 | 0.175 | | | | 2.74 |
| CAOND121317 | 133.4 | 134.5 | 1.1 | 0.117 | | | | 2.70 |
| CAOND121318 | 134.5 | 136.0 | 1.5 | 0.312 | | | | 2.74 |
| CAOND121319 | 136.0 | 137.5 | 1.5 | 0.272 | | | | 2.74 |
| CAOND121321 | 137.5 | 139.0 | 1.5 | 0.237 | | | | 2.77 |
| CAOND121322 | 139.0 | 140.5 | 1.5 | 0.372 | | | | 2.71 |
| CAOND121323 | 140.5 | 142.0 | 1.5 | 0.196 | | | | 2.38 |
| CAOND121324 | 142.0 | 143.5 | 1.5 | 0.077 | | | | 2.71 |
| CAOND121326 | 143.5 | 145.0 | 1.5 | 0.291 | | | | 2.65 |
| CAOND121327 | 145.0 | 146.0 | 1.0 | 1.025 | | | | 2.73 |
| CAOND121328 | 146.0 | 146.9 | 0.9 | 0.888 | | | | 2.72 |

**Major:** **From:** 146.90 **To:** 158.10 I2Dmp, Syenite mafic porphyryitic

Composition: Dark purplish grey fine grained matrix with 2-3% fine grained amp? crystals and 5-10% medium grained feldspar phenocrysts, medium orangish red colouring over 5m at beginning of interval, porphyritic texture; I2Dmp - Syenite mafic porphyry. Magnetism: Non to weakly magnetic. Veinning: 3% qtz-carb veinning at no prefererred orientation and less than 1cm thick. Structure: Undeformed. Alteration: Moderate pervasive kspar alteration over 5m at beginnig of interval. Mineralization: 2-3% fine grained disseminated Py. Lower Contact: Relatively sharp but broken core at contact.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

146.90, 158.10, PYR, DIS, 2.00, -, VFG, 2-3% very fine and fine grained disseminated Py

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121329 | 146.9 | 148.0 | 1.1 | 0.766 | | | | 2.62 |
| CAOND121331 | 148.0 | 149.5 | 1.5 | 0.938 | | | | 2.62 |
| CAOND121332 | 149.5 | 151.0 | 1.5 | 0.533 | | | | 2.27 |
| CAOND121333 | 151.0 | 152.5 | 1.5 | 0.919 | | | | 2.64 |
| CAOND121334 | 152.5 | 154.0 | 1.5 | 1.220 | | | | 2.70 |
| CAOND121335 | 154.0 | 155.5 | 1.5 | 0.200 | | | | 2.69 |
| CAOND121336 | 155.5 | 157.0 | 1.5 | 0.491 | | | | 2.72 |
| CAOND121337 | 157.0 | 158.1 | 1.1 | 0.435 | | | | 2.71 |

**Hole number:** KLUC19-535

146.90, 152.00, KFS+, PEN, MOD, -, -, -, Moderate pervasive kspar? alteration

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS

156.50, 158.10, QtzCalChl, 3.00, -, -, -, -, -, -, -, -, -, 3% irregular and discontinuous qtz-carb-chl veinning

**Major:** **From:** 158.10 **To:** 194.10 I2Dm, Mafic Syenite

Composition: Medium to dark purplish grey, very fine grained, massive with 1-2% fine grained amp randomly spotted thorughout, appears to be similar compositionally and texturally to V8Gs but does not contain any Ep spots; I2Dm - Syenite mafic intrusion. Magnetism: Moderately magnetic. Veinning: 2-3% mm scale, discontinous fracture filled calcite veinlets. Structure: Undeformed. Alteration: Weak local pervasive hem alteration Mineralization: 2-3% fine grained disseminated and locally clustered Py in fractures. Lower Contact: Sharp but grinded core at contact

**MINOR INTERVAL**

191.30 - 192.00: I2DPossibly 70cm thick minor syenite intrusion within a mafic syenite. Strong kspar alteration? and 2-3% fgr. diss. PY and 5% qtz-carb veinning at no preferred orientation. Sharp, straight contacts oriented at 40 TCA

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

158.10, 172.00, PYR, DIS, 2.00, -, FGR, 2-3% fine grained dissseminated Py

172.00, 180.00, PYR, PAT, 3.00, -, FGR, 3-5% fine and medium grained Py clustered in fractures and disseminated

180.00, 187.00, PYR, DIS, 2.00, -, FGR, 2-3% disseminated and clustered, fine and medium grained Py

187.00, 189.00, PYR, DIS, 5.00, -, FGR, 5% very fine grained dissemianted Py locally up to 10% over 20cm

189.00, 194.10, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained dissseminated Py

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

172.00, 180.00, HEM+, PEN, WEAK, -, -, -, Weak pervasive hem alteration

189.00, 192.00, KFS+, PEN, MOD, -, -, -, Moderate to strong pervasive kspar alteration

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS

158.10, 194.10, CAL, 5.00, -, -, -, -, -, -, -, -, -, 5% irregular, chaotic and discontinuous mm scale fractured filled calcite veinlets

165.80, 165.90, PYR, 5.00, -, -, -, -, -, -, -, PYR, 60.00, 1cm thick calcite vein with 60-70% very fine grained disseminated Py clustered at contacts and in vein. 5mm thick hem alteration at contacts

173.40, 173.50, PYR, 10.00, -, -, -, -, -, -, -, PYR, 70.00, 10% irregular fracture filled calcite veinlets

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121338 | 158.1 | 159.5 | 1.4 | 0.416 | | | | 2.78 |
| CAOND121339 | 159.5 | 161.0 | 1.5 | 0.311 | | | | 2.76 |
| CAOND121340 | 161.0 | 162.5 | 1.5 | 0.352 | | | | 2.80 |
| CAOND121341 | 162.5 | 164.0 | 1.5 | 0.558 | | | | 2.81 |
| CAOND121342 | 164.0 | 165.5 | 1.5 | 0.212 | | | | 2.81 |
| CAOND121343 | 165.5 | 167.0 | 1.5 | 0.311 | | | | 2.83 |
| CAOND121344 | 167.0 | 168.5 | 1.5 | 0.375 | | | | 2.81 |
| CAOND121346 | 168.5 | 170.0 | 1.5 | 0.108 | | | | 2.82 |
| CAOND121347 | 170.0 | 171.5 | 1.5 | 0.261 | | | | 2.79 |
| CAOND121348 | 171.5 | 173.0 | 1.5 | 0.650 | | | | 2.77 |
| CAOND121349 | 173.0 | 174.5 | 1.5 | 18.750 | | | | 2.82 |
| CAOND121351 | 174.5 | 176.0 | 1.5 | 0.109 | | | | 2.84 |
| CAOND121352 | 176.0 | 177.5 | 1.5 | 0.431 | | | | 2.82 |
| CAOND121353 | 177.5 | 178.7 | 1.2 | 0.055 | | | | 2.82 |
| CAOND121354 | 178.7 | 180.0 | 1.3 | 0.285 | | | | 2.81 |
| CAOND121355 | 180.0 | 181.5 | 1.5 | 0.131 | | | | 2.79 |
| CAOND121356 | 181.5 | 183.0 | 1.5 | 0.090 | | | | 2.76 |
| CAOND121357 | 183.0 | 184.5 | 1.5 | 0.018 | | | | 2.76 |
| CAOND121358 | 184.5 | 186.0 | 1.5 | 0.204 | | | | 2.74 |
| CAOND121359 | 186.0 | 187.5 | 1.5 | 0.073 | | | | 2.78 |
| CAOND121361 | 187.5 | 188.8 | 1.3 | 0.148 | | | | 2.79 |
| CAOND121362 | 188.8 | 190.0 | 1.2 | 0.112 | | | | 2.67 |
| CAOND121363 | 190.0 | 191.3 | 1.3 | 0.142 | | | | 2.72 |
| CAOND121364 | 191.3 | 192.0 | 0.7 | 0.170 | | | | 2.67 |
| CAOND121365 | 192.0 | 193.0 | 1.0 | 0.245 | | | | 2.77 |
| CAOND121366 | 193.0 | 194.1 | 1.1 | 0.184 | | | | 2.78 |

**Hole number:** KLUC19-535

with 70% fine and medium grained PY

**Major:** **From:** 194.10 **To:** 200.20 PORPH, porphyry

Composition: Dominantly pale pink, porphyritic texture; PORPH - Porphyry. Magnetism: Non magnetic. Veinning: 2-3% qtz-cal veinlets. Structure: Weak brittle and choatic deformation and microfracturing. Alteration: Weak pervasive kspar alteration? Mineralization: 1-2% very fine grained Py mineralization. Lower Contact: Sharp and relatively straight; oriented at 40 TCA.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

194.10, 200.20, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained dissseminated Py

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

194.10, 200.20, KFS+, PEN, WEAK, -, -, -, Weak pervasive kspar alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

194.10, 200.20, DFZ, WEAK, -, -, -, -, Weak brittle and chaotic deformation and microfracturing

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

194.10, 200.20, QTZ_2, 3.00, -, -, -, -, -, -, -, -, 3% fracture filled qtz-cal veining

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121367 | 194.1 | 195.5 | 1.4 | 0.152 | | | | 2.69 |
| CAOND121368 | 195.5 | 197.0 | 1.5 | 0.072 | | | | 2.67 |
| CAOND121369 | 197.0 | 198.1 | 1.1 | 0.082 | | | | 2.68 |
| CAOND121371 | 198.1 | 199.1 | 1.0 | 0.194 | | | | 2.68 |
| CAOND121372 | 199.1 | 200.2 | 1.1 | 0.434 | | | | 2.67 |

**Major:** **From:** 200.20 **To:** 267.30 V8Gs, Trachyte green spotted

Composition: Medium to dark grey to purplish grey, very fine grained, massive and homogeneous with 1-2% fine grained random amp crystals; V8Gs - Trachyte greenspotted. Magnetism: Moderately magnetic. Veinning: 2-5% irregular and chaotic qtz-cal veinlets. Structure: Undeformed. Alteration: Moderate spotted Ep alteration which gradually disappear and no longer present 250-265.7m Mineralization: 2-3% disseminated and fracture filling Py Lower Contact: Sharp but irregular and wavy Minor unit: 265.7-266.2= porphyry

**MINOR INTERVAL**

265.70 - 266.20: PORPH5cm thick interval of unmineralised poprhyry intrusion. Weak microfracfracturing. Sharp and irregular contacts

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

200.20, 265.70, PYR, DIS, 2.00, -, FGR, 2-3% disseminated, clustered and locally fracture filled Py. Dominantly clustered within Ep spots

266.20, 267.30, PYR, DIS, 1.00, -, FGR, 1% dissemianted Py in host rock and veinning

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121373 | 200.2 | 201.5 | 1.3 | 0.759 | | | | 2.76 |
| CAOND121374 | 201.5 | 203.0 | 1.5 | 0.396 | | | | 2.75 |
| CAOND121376 | 203.0 | 204.5 | 1.5 | 0.066 | | | | 2.76 |
| CAOND121377 | 204.5 | 206.0 | 1.5 | 0.254 | | | | 2.79 |
| CAOND121378 | 206.0 | 206.9 | 0.9 | 0.091 | | | | 2.77 |
| CAOND121379 | 206.9 | 208.0 | 1.1 | 0.133 | | | | 2.75 |
| CAOND121381 | 208.0 | 209.5 | 1.5 | 0.396 | | | | 2.80 |
| CAOND121382 | 209.5 | 211.0 | 1.5 | 0.346 | | | | 2.82 |
| CAOND121383 | 211.0 | 212.5 | 1.5 | 0.142 | | | | 2.83 |
| CAOND121384 | 212.5 | 214.0 | 1.5 | 0.190 | | | | 2.86 |
| CAOND121385 | 214.0 | 215.5 | 1.5 | 0.114 | | | | 2.86 |
| CAOND121386 | 215.5 | 217.0 | 1.5 | 0.102 | | | | 2.87 |
| CAOND121387 | 217.0 | 218.5 | 1.5 | 0.157 | | | | 2.87 |
| CAOND121388 | 218.5 | 220.0 | 1.5 | 0.215 | | | | 2.85 |

**Hole number:** KLUC19-535

200.20, 265.70, EPD+, SPO, MOD, -, -, -, Moderate spotted and patchy Ep alteration

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS

203.00, 210.00, QtzCalChl, 8.00, -, -, -, -, -, -, -, -, -, 8% chaotic, irregular and discontinuous qtz-cal-chl and cal-chl veinning at no preferrred orientation

225.80, 225.90, PYR, 10.00, -, -, -, -, -, -, -, PYR, 100.00, 1cm thick massive Py vein with mod. hem alt. at immediate contact. Oriented at 40 TCA

251.70, 251.80, CAL, 10.00, -, -, -, -, -, -, -, PYR, 90.00, 10% chaotic fracture filled calcite veinlets with 90% fine and medium grained Py

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121389 | 220.0 | 221.5 | 1.5 | 0.743 | | | | 2.86 |
| CAOND121391 | 221.5 | 223.0 | 1.5 | 0.280 | | | | 2.87 |
| CAOND121392 | 223.0 | 224.5 | 1.5 | 0.262 | | | | 2.87 |
| CAOND121393 | 224.5 | 225.5 | 1.0 | 0.561 | | | | 2.86 |
| CAOND121394 | 225.5 | 226.5 | 1.0 | 3.290 | | | | 2.91 |
| CAOND121395 | 226.5 | 228.0 | 1.5 | 0.253 | | | | 2.84 |
| CAOND121396 | 228.0 | 229.5 | 1.5 | 0.139 | | | | 2.81 |
| CAOND121397 | 229.5 | 231.0 | 1.5 | 0.612 | | | | 2.85 |
| CAOND121398 | 231.0 | 232.5 | 1.5 | 0.118 | | | | 2.88 |
| CAOND121399 | 232.5 | 234.0 | 1.5 | 0.109 | | | | 2.88 |
| CAOND121401 | 234.0 | 235.5 | 1.5 | 0.267 | | | | 2.86 |
| CAOND121402 | 235.5 | 237.0 | 1.5 | 0.128 | | | | 2.90 |
| CAOND121403 | 237.0 | 238.5 | 1.5 | 0.132 | | | | 2.87 |
| CAOND121404 | 238.5 | 240.0 | 1.5 | 0.053 | | | | 2.87 |
| CAOND121405 | 240.0 | 241.5 | 1.5 | 0.073 | | | | 2.99 |
| CAOND121406 | 241.5 | 243.0 | 1.5 | 0.227 | | | | 2.70 |
| CAOND121407 | 243.0 | 244.5 | 1.5 | 0.800 | | | | 2.89 |
| CAOND121408 | 244.5 | 246.0 | 1.5 | 0.178 | | | | 2.85 |
| CAOND121409 | 246.0 | 247.5 | 1.5 | 0.034 | | | | 2.85 |
| CAOND121410 | 247.5 | 249.0 | 1.5 | 0.053 | | | | 2.84 |
| CAOND121411 | 249.0 | 250.5 | 1.5 | 0.034 | | | | 2.83 |
| CAOND121412 | 250.5 | 252.0 | 1.5 | 0.167 | | | | 2.80 |
| CAOND121428 | 252.0 | 253.0 | 1.0 | 0.082 | | | | 2.78 |
| CAOND121413 | 253.0 | 254.5 | 1.5 | 0.089 | | | | 2.82 |
| CAOND121414 | 254.5 | 256.0 | 1.5 | 0.091 | | | | 2.81 |
| CAOND121416 | 256.0 | 257.5 | 1.5 | 0.278 | | | | 2.77 |
| CAOND121417 | 257.5 | 259.0 | 1.5 | 0.219 | | | | 2.77 |
| CAOND121418 | 259.0 | 260.5 | 1.5 | 0.442 | | | | 2.76 |
| CAOND121419 | 260.5 | 262.0 | 1.5 | 0.121 | | | | 2.75 |
| CAOND121421 | 262.0 | 263.5 | 1.5 | 0.102 | | | | 2.75 |
| CAOND121422 | 263.5 | 265.0 | 1.5 | 0.145 | | | | 2.72 |
| CAOND121423 | 265.0 | 265.7 | 0.7 | 0.045 | | | | 2.43 |
| CAOND121424 | 265.7 | 266.3 | 0.6 | 0.326 | | | | 2.85 |

**Hole number:** KLUC19-535

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121426 | 266.3 | 267.3 | 1.0 | 0.053 | | | | 2.66 |

**Major:** **From:** 267.30 **To:** 280.10 I2Dmp, Syenite mafic porphyryitic

Composition: Dark purplish grey fine grained matrix, 2-3% fine grained amp crystals, 25% feldspar phenocrysts and 1-2% irregular shaped mafic xenoliths; I2Dmp - Mafic syenite porphyry. Magnetism: Moderately magnetic. Veinning: 1% irregular and discontinuous fracture filled calcite veinlets. Structure: Undeformed. Alteration: Unaltered? Mineralization: 0.5% very fine grained disseminated Py Lower Contact: Sharp and relatively straight; oriented at 50 TCa.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121427 | 267.3 | 268.5 | 1.2 | 0.151 | | | | 2.64 |
| CAOND121429 | 268.5 | 270.0 | 1.5 | 0.069 | | | | 2.68 |
| CAOND121431 | 270.0 | 271.5 | 1.5 | 0.025 | | | | 2.69 |
| CAOND121432 | 271.5 | 273.0 | 1.5 | 0.046 | | | | 2.67 |
| CAOND121433 | 273.0 | 274.5 | 1.5 | 0.047 | | | | 2.69 |
| CAOND121434 | 274.5 | 276.0 | 1.5 | 0.047 | | | | 2.69 |
| CAOND121435 | 276.0 | 277.0 | 1.0 | 0.022 | | | | 2.69 |
| CAOND121436 | 277.0 | 278.0 | 1.0 | 0.022 | | | | 2.69 |
| CAOND121437 | 278.0 | 279.0 | 1.0 | 0.036 | | | | 2.69 |
| CAOND121438 | 279.0 | 280.1 | 1.1 | 0.026 | | | | 2.69 |

**Major:** **From:** 280.10 **To:** 280.70 I2Dm, Mafic Syenite

Composition: Dark purple, fine grained and massive; I2Dm - Mafic syenite intrusion. Magnetism: Moderately magnetic. Veinning: 1% fracture filled calcite vienlets. Structure: Undeformed. Alteration: Unaltered? Mineralization: 1-2% fine grained Py clustered in calcite veinlets. Lower Contact: Sharp but irregular.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121439 | 280.1 | 280.7 | 0.6 | 0.145 | | | | 2.75 |

**Major:** **From:** 280.70 **To:** 284.40 S, Roches sédimentaires indéterminées

Composition: Dominantly pale to medium salmon pink with minor medium grey, fine grained, homogenerous and massive, 1% rounded pebbles up to 3cm in size; S - sediment. Magnetism: Non magnetic. Veinning: 1-2% mm scale fracture filled calcite veinlets. Structure: Weak brittle deformation and microfracturing. Alteration: Moderate pervasive hem or kspar alteration. Mineralization: 2-3% very fine grained disseminated PY mineralization with local fine grained clustered Py. Lower Contact: Sharp and irregular

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

280.70, 284.40, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained disseminated Py mineralization, locally clustered fine grained PY and minor 15cm thick intervals with 15% PY

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

280.70, 284.40, KFS+, PEN, MOD, -, -, -, MOderate pervasive hem/kspar alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

280.70, 284.40, DFZ, WEAK, -, -, -, -, Weak brittle and chaotic deformation and microfracturing

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121440 | 280.7 | 282.0 | 1.3 | 0.040 | | | | 2.68 |
| CAOND121441 | 282.0 | 283.0 | 1.0 | 0.033 | | | | 2.64 |
| CAOND121442 | 283.0 | 284.4 | 1.4 | 0.045 | | | | 2.64 |

## Hole number: KLUC19-535

**Major:** **From:** 284.40 **To:** 285.20 S1, CONGLOMÉRAT

Composition: Various colours and shades of colours, pebble supported (1-3cm in size), polymitic conglomerate; S1 Conglomerate. Magnetism: Non magnetic. Veinning: 1x 1cm thick qtz-cal-chl vein. Structure: Undeformed. Alteration: Varible. Mineralization: 5-8% very fine and fine grained Py mineralization disseminated in pebbles, at pebble-matrix contact and in matrix. Lower Contact: Sharp but irregular.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

284.40, 285.20, PYR, DIS, 5.00, -, VFG, 5-8% very fine and fine grained Py mineralization disseminated in pebbles, at pebble-matrix contact and in matrix.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121443 | 284.4 | 285.2 | 0.8 | 0.071 | | | | 2.70 |

**Major:** **From:** 285.20 **To:** 291.50 S, Roches sédimentaires indéterminées

Composition: Grundgy pale pink to pinkish brown and dark purplish grey, fine grained and massive, possibly syenite intrusion? or sediments?; S - sediments. Magnetism: Non magnetic. Veinning: 1% microfracture filled calcite. Structure: Weak to moderate brittle deformation and microfracturing. Alteration: Unclear, combination of calcite, kspar and Se? Mineralization: 8-10% very fine grained dissemianted PY Lower Contact: Sharp and relatively straight; oriented at 30 TCA

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

285.20, 291.50, PYR, DIS, 8.00, -, VFG, 8-10% very fine grained dissemianted Py

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

285.20, 291.50, DFZ, MOD, -, -, -, -, Moderate brittle and chaotic deformation and microfracturing
285.20, 291.50, FRA, MOD, -, -, -, -, Moderate brittle and chaotic deformation and microfracturing

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

290.20, 290.30, PYR, 10.00, -, -, -, -, -, -, -, PYR, 10.00, 5cm thick intervals with chaotic coarse grained fracture filled Py

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121444 | 285.2 | 286.5 | 1.3 | 0.034 | | | | 2.63 |
| CAOND121446 | 286.5 | 288.0 | 1.5 | 0.019 | | | | 2.61 |
| CAOND121447 | 288.0 | 289.5 | 1.5 | 0.065 | | | | 2.68 |
| CAOND121448 | 289.5 | 290.5 | 1.0 | 0.029 | | | | 2.66 |
| CAOND121449 | 290.5 | 291.5 | 1.0 | 0.067 | | | | 2.48 |

**Major:** **From:** 291.50 **To:** 293.80 I2Dm, Mafic Syenite

Composition: Dark purple, fine grained and massive; I2Dm - Syenite intrusion. Magnetism: non magnetic. Veinning: 1-2% irregular and chaotic fracture filling calcite veinlets. Structure: Undeformed. Alteration: Unaltered? Mineralization: 5-8% very fine grained Py mineralization disseminated throughout and locally fracture filling. Lower Contact: Sharp but irregular, trending at 40 TCA.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

291.50, 293.80, PYR, DIS, 5.00, -, VFG, 5-8% very fine grained Py mineralization disseminated throughout and locally fracture filling.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121451 | 291.5 | 292.8 | 1.3 | 0.150 | | | | 2.75 |
| CAOND121452 | 292.8 | 293.8 | 1.0 | 0.229 | | | | 2.61 |

## Hole number: KLUC19-535

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
291.50, 293.80, FRA, WEAK, -, -, -, -, Weak mircrofracturing

**Major: From:** 293.80 **To:** 323.10 S6A, Siltstone

Composition: Dark purplish red gradually changing to medium green, very fine grained and dominantly massive with minor intervals of 1cm bedding oriented at 50 TCA observed over 10-20cm; S6A - Siltstone. Magnetism: Non magnetic. Veinning: Less than 1% fracture filled carbonate veinlets. Structure: Weak microfracturing and minor 10-20cm thick intervals of 1cm bedding oriented at 50 TCA. Alteration: Local moderate pervasive hem alteration. Mineralization: 5% very fine and fine grained dissemianted and clustered Py mineralization between 293.8-298m then diminishing to 0.5-1% very fine grained fracture filled PY. Lower Contact: Gradational.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
293.80, 298.00, PYR, DIS, 5.00, -, VFG, 5% very fine and fine grained dissemianted and clustered Py mineralization
298.00, 323.10, PYR, DIS, .50, -, VFG, 0.5-1% very fine grained dissemianted and locally clustered Py

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
295.00, 297.00, HEM+, PEN, MOD, -, -, -, Moderate pervasive hem alt.

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
293.80, 323.10, FRA, WEAK, -, -, -, -, Weak mircrofracturing

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121453 | 293.8 | 295.0 | 1.2 | 0.073 | | | | 2.67 |
| CAOND121454 | 295.0 | 296.5 | 1.5 | 0.051 | | | | 2.72 |
| CAOND121455 | 296.5 | 298.0 | 1.5 | 0.245 | | | | 2.72 |
| CAOND121456 | 298.0 | 299.5 | 1.5 | 0.195 | | | | 2.72 |
| CAOND121457 | 299.5 | 301.0 | 1.5 | 0.340 | | | | 2.72 |
| CAOND121458 | 301.0 | 302.5 | 1.5 | 0.121 | | | | 2.73 |
| CAOND121459 | 302.5 | 304.0 | 1.5 | 0.178 | | | | 2.74 |
| CAOND121461 | 304.0 | 305.5 | 1.5 | 0.145 | | | | 2.77 |
| CAOND121462 | 305.5 | 307.0 | 1.5 | 0.123 | | | | 2.77 |
| CAOND121463 | 307.0 | 308.5 | 1.5 | 0.093 | | | | 2.73 |
| CAOND121464 | 308.5 | 310.0 | 1.5 | 0.049 | | | | 2.74 |
| CAOND121465 | 310.0 | 311.5 | 1.5 | 0.186 | | | | 2.74 |
| CAOND121466 | 311.5 | 313.0 | 1.5 | 0.080 | | | | 2.72 |
| CAOND121467 | 313.0 | 314.5 | 1.5 | 0.159 | | | | 2.72 |
| CAOND121468 | 314.5 | 316.0 | 1.5 | 0.062 | | | | 2.74 |
| CAOND121469 | 316.0 | 317.5 | 1.5 | 0.054 | | | | 2.72 |
| CAOND121471 | 317.5 | 319.0 | 1.5 | 0.116 | | | | 2.71 |
| CAOND121472 | 319.0 | 320.5 | 1.5 | 0.038 | | | | 2.72 |
| CAOND121473 | 320.5 | 322.0 | 1.5 | 0.064 | | | | 2.71 |
| CAOND121474 | 322.0 | 323.1 | 1.1 | 0.022 | | | | 2.68 |

**Major: From:** 323.10 **To:** 342.80 S, Roches sédimentaires indéterminées

Composition: Dark purplish to purplish grey, fine grained, equigranular and massive; S - sediments. Magnetism: Weak to moderately magnetic. Veinning: 1x 5cm thick irregular qtz vein and less than 1% microfracture fille calcite veinlets. Structure: Undeformed but weakly broken/fractured core. Alteration: Undeformed? Mineralization: 2-3% very fine grained dissemianted Py. Lower Contact: Irregular, weakly brecciated over 20cm. Minor unit: 332.1-333.2m = siltstone

**MINOR INTERVAL**
332.10 - 333.20: S6AMinor interval of siltstone with 1-2% very fine grained PY mineralization occuring in fractures.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121476 | 323.1 | 324.5 | 1.4 | 0.052 | | | | 2.70 |
| CAOND121477 | 324.5 | 325.5 | 1.0 | 0.116 | | | | 2.72 |
| CAOND121478 | 325.5 | 327.0 | 1.5 | 0.062 | | | | 2.68 |
| CAOND121479 | 327.0 | 328.5 | 1.5 | 0.080 | | | | 2.69 |
| CAOND121481 | 328.5 | 330.0 | 1.5 | 0.053 | | | | 2.67 |
| CAOND121482 | 330.0 | 331.0 | 1.0 | 0.013 | | | | 2.72 |
| CAOND121483 | 331.0 | 332.1 | 1.1 | 0.030 | | | | 2.68 |
| CAOND121484 | 332.1 | 333.3 | 1.2 | 0.047 | | | | 2.72 |

## Hole number: KLUC19-535

323.10, 325.00, PYR, DIS, 5.00, -, VFG, 5-8% very fine grained disseminated Py
325.00, 342.80, PYR, DIS, 3.00, -, VFG, 3-5% very fine grained dissemianted Py

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
324.00, 342.80, BRR, WEAK, -, -, -, -, Weak broken/fractured core intro 5-10cm thick pieces

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
324.20, 324.30, QtzCalChl, 50.00, -, -, -, -, -, -, -, -, -, 10cm thick intervals of irregular qtz-cal-chl vein
327.00, 327.10, PYR, 5.00, -, -, -, -, -, -, -, -, -, 0.5cm thick py veinlets

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121485 | 333.3 | 334.4 | 1.1 | 0.027 | | | | 2.69 |
| CAOND121486 | 334.4 | 335.5 | 1.1 | 0.008 | | | | 2.68 |
| CAOND121487 | 335.5 | 337.0 | 1.5 | 0.008 | | | | 2.73 |
| CAOND121488 | 337.0 | 338.5 | 1.5 | 0.011 | | | | 2.60 |
| CAOND121489 | 338.5 | 340.0 | 1.5 | 0.025 | | | | 2.68 |
| CAOND121491 | 340.0 | 341.5 | 1.5 | 0.028 | | | | 2.69 |
| CAOND121492 | 341.5 | 342.8 | 1.3 | 0.056 | | | | 2.70 |

**Major:** **From:** 342.80 **To:** 344.20 S6A, Siltstone

Composition: Dark purplish red, very fine grained, homogreneous and massive, local intraclasts; S6A - Siltstone. Magnetism: Moderately magnetic. Veinning: none Structure: None, local intraclasts over 5-10cm thick intervals. Alteration: Moderately pervasive hem alteration. Mineralization: 0.5% very fine grained Py mineralization. Lower Contact: Sharp but irregular.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
342.80, 344.20, PYR, DIS, .50, -, VFG, 0.5% very fine grained disseminated Py

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
342.80, 344.20, HEM+, PEN, MOD, -, -, -, Moderate pervasive hem alt.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121493 | 342.8 | 344.2 | 1.4 | 0.037 | | | | 2.72 |

**Major:** **From:** 344.20 **To:** 348.00 S, Roches sédimentaires indéterminées

Composition: Dark purplish red and medium red, fine grained and massive; S - Sediments Magnetism: Non to weakly magnetic. Veinning: 1x 10cm thick qtz vein and 1-2% irregular fracture filled calcite veinlets. Structure: Weak microfracturing. Alteration: Moderate pervasive hem alt. Mineralization: 1-2% very fine grained disseminated PY and locally in fractures. 5% clustered Cpy mineralization occuring in qtz vein. Lower Contact: Sharp, sudden change in grain size.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
344.20, 348.00, PYR, DIS, 1.00, -, VFG, 1-2% very fine graine dissemianted and in fractures Py
345.80, 345.90, CPY, PAT, 5.00, -, VFG, 5% clustered Cpy mineralization occuring in qtz vein

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
344.20, 348.00, HEM+, PEN, MOD, -, -, -, Moderate pervasive hem alt.

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121494 | 344.2 | 345.5 | 1.3 | 0.022 | | | | 2.73 |
| CAOND121495 | 345.5 | 346.5 | 1.0 | 0.030 | | | | 2.63 |
| CAOND121496 | 346.5 | 348.0 | 1.5 | 0.485 | | | | 2.66 |

**Hole number:** KLUC19-535

345.00, 348.00, BRR, WEAK, -, -, -, -, Weak to moderate broken/fractured core

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
345.80, 345.90, QTZ, 90.00, -, -, -, -, -, -, -, CPY, 5.00, 7cm thick qtz vein with 5-8% Cpy mineralization clustered in microfractures within vein

**Major:** **From:** 348.00 **To:** 351.50 S6A, Siltstone

Composition: Medium green, dark red and minor medium brown, very fine grained with remnant bedding; S6A - Siltstone. Magnetism: Moderately magnetism. Veinning: 1% mm scale qtz-cal veinlets parallel to bedding. Structure: Weak remnant cm thick bedding oriented at 40-50 TCA. Alteration: Moderate patchy hem alteration not present in all beds. Mineralization: 1-2% disseminated fine grained Py mineralization. Lower Contact: Sharp? contact placed where textures suddenly change.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
348.00, 351.50, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained, dissemianted Py mineralization

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
348.00, 351.50, HEM+, PAT, MOD, -, -, -, Moderate hem alt not present in all beds

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
348.00, 351.50, BED, WEAK, -, -, -, -, Local remnant bedding oriented at 40-50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121497 | 348.0 | 349.5 | 1.5 | 0.207 | | | | 2.73 |
| CAOND121498 | 349.5 | 350.5 | 1.0 | 0.413 | | | | 2.71 |
| CAOND121499 | 350.5 | 351.5 | 1.0 | 0.281 | | | | 2.76 |

**Major:** **From:** 351.50 **To:** 359.30 S, Roches sédimentaires indéterminées

Composition: Variable shades of pink to orangish pink and dark purple, chaotic textures, mixture of sediment, silstone and possibly syenite intrusion?; S - sediments. Magnetism: Moderate to strongly magnetic. Veinning: 2% qtz and qtz-cal veinning less than 1cm thick and dominantly trending at 45 TCA. Structure: Weak chaotic and irregular deformation, microfracturing with local remnant bedding. Alteration: Moderate pervasive kspar alteration? Mineralization: 2-3% very fine grained disseminated Py mineralization with 1% clustered medium grained PY. Lower Contact: Sharp but irregular.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
351.50, 359.30, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained dissemianted Py with 1% medium grained clustered Py locally

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
351.50, 359.30, KFS+, PEN, MOD, -, -, -, Moderate pervasive kspar alteration?

**STRUCTURE**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121501 | 351.5 | 353.0 | 1.5 | 0.880 | | | | 2.77 |
| CAOND121502 | 353.0 | 354.5 | 1.5 | 0.213 | | | | 2.76 |
| CAOND121503 | 354.5 | 356.0 | 1.5 | 0.029 | | | | 2.70 |
| CAOND121504 | 356.0 | 357.5 | 1.5 | 0.012 | | | | 2.72 |
| CAOND121505 | 357.5 | 358.5 | 1.0 | 0.011 | | | | 2.71 |
| CAOND121506 | 358.5 | 359.3 | 0.8 | 0.045 | | | | 2.72 |

**Hole number:** KLUC19-535

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
351.50, 359.30, DFZ, WEAK, -, -, -, -, Weak to moderate chaotic deformation and microfracturing

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
351.50, 359.30, QTZ, 2.00, -, -, -, -, -, -, -, -, -, 2-3% qtz and qtz-cal veinning less than 1cm thick and dominantly trending at 45 TCA.

**Major:** **From:** 359.30 **To:** 360.80 PORPH, porphyry

Composition: Dark purplish red fine grained matrix with 1-2% medium grained mafic zenoliths and 25-30% medium grained feldspar phenocrysts, porphyritic texture; PORPH - Porphyry. Magnetism: Non magnetic. Veinning: 1% fracture filling calcite veinlets. Structure: Non deformed, weak microfracturing. Alteration: Unaltered? Mineralization: 1-2% very fine grained disseminated Py Lower Contact: Sharp but irregular.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
359.30, 360.80, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated Py

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
359.30, 360.80, HEM+, PEN, WEAK, -, -, -, Weak to moderate pervasive hem alt.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121507 | 359.3 | 360.8 | 1.5 | 0.017 | | | | 2.68 |

**Major:** **From:** 360.80 **To:** 374.20 S, Roches sédimentaires indéterminées

Composition: Dark purple to purplish pink, fine grained, massive with 5% angular clasts of siltstone; S - Sediments. Magnetism: Non magnetic. Veinning: 1-2% fracture filled calcite veinlets. Structure: Undeformed, local clasts of siltstone occuring in 10-40cm thick intervals. Alteration: Weak pervasive hem alt. Mineralization: 3-5% locally up to 8% fine grained disseminated Py. Lower Contact: Unclear, contact placed where grain size is dominated by very fine grained

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
360.80, 374.20, PYR, DIS, 3.00, -, FGR, 3-5% locally up to 8% fine grained disseminated Py

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
360.80, 374.20, HEM+, PEN, WEAK, -, -, -, Weak to moderate pervasive hem alt.

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
360.80, 374.20, BRR, WEAK, -, -, -, -, Weak to moderate over 10-20cm interval, broken/fractured core into 1-2 and 5-10cm thick pieces

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121508 | 360.8 | 361.7 | 0.9 | 0.011 | | | | 2.83 |
| CAOND121509 | 361.7 | 362.5 | 0.8 | 0.012 | | | | 2.63 |
| CAOND121510 | 362.5 | 364.0 | 1.5 | 0.011 | | | | 2.66 |
| CAOND121511 | 364.0 | 365.5 | 1.5 | 0.014 | | | | 2.67 |
| CAOND121512 | 365.5 | 367.0 | 1.5 | 0.036 | | | | 2.69 |
| CAOND121513 | 367.0 | 368.0 | 1.0 | 0.049 | | | | 2.70 |
| CAOND121514 | 368.0 | 369.5 | 1.5 | 0.043 | | | | 2.66 |
| CAOND121516 | 369.5 | 371.0 | 1.5 | 0.027 | | | | 2.65 |
| CAOND121517 | 371.0 | 372.5 | 1.5 | 0.081 | | | | 2.63 |
| CAOND121518 | 372.5 | 373.5 | 1.0 | 0.216 | | | | 2.63 |
| CAOND121519 | 373.5 | 374.2 | 0.7 | 0.141 | | | | 2.62 |

## Hole number: KLUC19-535

**Major:** **From:** 374.20 **To:** 380.60 S6A, Siltstone

Composition: Dark purple gradually chaging to medium green, very fine grained with remnan, weakly finely bedded; S6A - Siltstone. Magnetism: Weakly magnetic gradually changing to non magnetic. Veinning: 1% microfracture filled calcite Structure: Weak fine (mm-cm) bedding oriented at 40 TCA. Alteration: Weak pervasive hem at beginning of interval. Mineralization: 1-2% very fine grained disseminated Py Contact: Sharp, slightly irregular, trending at 40 TCA.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

374.20, 380.60, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated Py

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

374.20, 378.00, HEM+, PEN, WEAK, -, -, -, Weak pervasive hem alt.

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

374.20, 380.60, BED, WEAK, -, -, -, -, Weak to moderate fine bedding oriented at 30-40 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121521 | 374.2 | 375.5 | 1.3 | 0.139 | | | | 2.67 |
| CAOND121522 | 375.5 | 377.0 | 1.5 | 0.040 | | | | 2.68 |
| CAOND121523 | 377.0 | 378.5 | 1.5 | 0.203 | | | | 2.70 |
| CAOND121524 | 378.5 | 379.5 | 1.0 | 0.583 | | | | 2.67 |
| CAOND121526 | 379.5 | 380.6 | 1.1 | 0.096 | | | | 2.64 |

**Major:** **From:** 380.60 **To:** 400.00 S, Roches sédimentaires indéterminées

Composition: Medium pink, dark purple and minor medium green, fine grained and massive with minor sitlstone beds; S - Sediment. Magnetism: Dominantly non magnetic with minor weakly magnetic intervals. Veinning: 1% microfracture filled calcite Structure: Undeformed. Alteration: Moderate pervasive hem/kspar alteration. Mineralization: 3-5% fine grained dissemianted Py Lower Contact: No reached. 395-400m = Colour changes to a dark purple and there are minor intervals of siltstone 5-10cm thick and brecciated siltstone clasts within a fine grained sediment matrix. Py abundance increases to 5-10% dissemianted throughout.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

380.60, 395.00, PYR, DIS, 3.00, -, VFG, 2-3% fine grained disseminated Py
395.00, 400.00, PYR, DIS, 5.00, -, FGR, 5-10% fine grained disseminated PY

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

381.00, 385.30, HEM+, PEN, MOD, -, -, -, Moderate pervasive hem/kspar alteration
386.60, 394.50, HEM+, PEN, MOD, -, -, -, Moderate pervasive hem/kspar alteration

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

389.00, 394.00, QTZ, 2.00, -, -, -, -, -, -, -, -, -, 2% qtz and qtz-carb veinning dominantly less than 1cm thick within 1x irregular patch of qtz vein occuring over 25cm

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121527 | 380.6 | 382.0 | 1.4 | 0.095 | | | | 2.66 |
| CAOND121528 | 382.0 | 383.5 | 1.5 | 0.118 | | | | 2.65 |
| CAOND121529 | 383.5 | 385.0 | 1.5 | 0.264 | | | | 2.64 |
| CAOND121531 | 385.0 | 386.5 | 1.5 | 0.076 | | | | 2.91 |
| CAOND121532 | 386.5 | 388.0 | 1.5 | 0.043 | | | | 3.05 |
| CAOND121533 | 388.0 | 389.0 | 1.0 | 0.020 | | | | 2.79 |
| CAOND121534 | 389.0 | 390.0 | 1.0 | 0.030 | | | | 2.72 |
| CAOND121535 | 390.0 | 391.5 | 1.5 | 0.048 | | | | 2.68 |
| CAOND121536 | 391.5 | 393.0 | 1.5 | 0.029 | | | | 2.98 |
| CAOND121537 | 393.0 | 394.0 | 1.0 | 0.021 | | | | 2.64 |
| CAOND121538 | 394.0 | 395.0 | 1.0 | 0.040 | | | | 2.72 |
| CAOND121539 | 395.0 | 396.5 | 1.5 | 0.060 | | | | 2.74 |
| CAOND121540 | 396.5 | 398.0 | 1.5 | 0.037 | | | | 3.02 |
| CAOND121541 | 398.0 | 399.0 | 1.0 | 0.029 | | | | 3.02 |
| CAOND121542 | 399.0 | 400.0 | 1.0 | 0.057 | | | | 2.67 |

## Hole number: KLUC19-535

**Geochemical sample**

| Sample | From | To | Ag gpt | Al2O3 Pct | Ba ppm | CaO Pct | Cu ppm | CO2 Pct | Cr ppm | Fe2O3 Pct | K2O Pct | LOI pct | MgO pct | MnO pct | Mo ppm | Na2O pct | Ni ppm | P2O5 pct |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Pb ppm | Rb ppm | SiO2 pct | Sr ppm | Tb ppm | Tm ppm | TiO2 pct | Tl ppm | Total pct | U ppm | V ppm | W ppm | Y ppm | Yb ppm | Zn ppm | Zr ppm |
| CAOND119152 | 7.6 | 7.8 | 0.3 | 13.90 | 2,020.00 | 6.81 | 85.00 | | 120.00 | 11.25 | 2.65 | 6.9 | 6.1 | 0.2 | 0.5 | 3.4 | 30.0 | 0.5 |
| | | | 16.0 | 72.0 | 45.4 | 1 920.0 | 0.95 | 0.41 | 1.0 | 5.00 | 98.6 | 2.0 | 306.0 | 2.0 | 27.5 | 2.8 | 122.0 | 134.0 |
| CAOND119153 | 41.7 | 41.8 | 0.3 | 13.50 | 477.00 | 9.90 | 101.00 | | 110.00 | 10.05 | 1.21 | 9.9 | 5.4 | 0.2 | 1.0 | 4.0 | 25.0 | 0.5 |
| | | | 9.0 | 32.1 | 44.9 | 700.0 | 0.94 | 0.36 | 0.9 | 10.00 | 100.6 | 1.8 | 261.0 | 6.0 | 25.7 | 2.4 | 108.0 | 120.0 |
| CAOND119154 | 66.8 | 66.9 | 0.3 | 11.60 | 1,170.00 | 2.98 | 10.00 | | 170.00 | 4.59 | 9.07 | 4.1 | 1.9 | 0.1 | 3.0 | 0.1 | 53.0 | 0.1 |
| | | | 11.0 | 191.5 | 65.3 | 280.0 | 0.37 | 0.17 | 0.5 | 10.00 | 100.4 | 6.0 | 79.0 | 7.0 | 10.9 | 1.0 | 35.0 | 225.0 |
| CAOND119155 | 112.1 | 112.2 | 0.3 | 13.40 | 183.00 | 8.67 | 8.00 | | 180.00 | 9.90 | 0.54 | 8.0 | 6.0 | 0.1 | 7.0 | 4.6 | 30.0 | 0.5 |
| | | | 2.0 | 16.0 | 47.9 | 582.0 | 0.98 | 0.44 | 1.0 | 10.00 | 100.7 | 2.0 | 264.0 | 2.0 | 27.0 | 2.4 | 55.0 | 171.0 |
| CAOND119156 | 132.3 | 132.4 | 0.3 | 14.00 | 1,290.00 | 6.47 | 346.00 | | 150.00 | 9.64 | 3.34 | 1.9 | 5.6 | 0.1 | 1.0 | 4.2 | 40.0 | 0.5 |
| | | | 2.0 | 71.5 | 53.8 | 828.0 | 0.83 | 0.32 | 0.9 | 5.00 | 100.7 | 2.1 | 221.0 | 2.0 | 24.2 | 2.4 | 61.0 | 165.0 |
| CAOND119157 | 152.5 | 152.7 | 0.3 | 15.35 | 1,825.00 | 3.06 | 20.00 | | 110.00 | 5.70 | 4.24 | 3.7 | 2.8 | 0.1 | 1.0 | 5.9 | 32.0 | 0.3 |
| | | | 8.0 | 146.0 | 57.6 | 654.0 | 0.71 | 0.30 | 0.5 | 5.00 | 99.6 | 3.9 | 173.0 | 3.0 | 20.2 | 2.0 | 36.0 | 222.0 |
| CAOND119158 | 171.7 | 171.8 | 0.3 | 13.35 | 1,400.00 | 6.52 | 31.00 | | 160.00 | 9.08 | 3.46 | 3.2 | 5.4 | 0.1 | 1.0 | 4.5 | 22.0 | 0.5 |
| | | | 1.0 | 84.2 | 52.5 | 659.0 | 0.82 | 0.34 | 0.9 | 10.00 | 99.6 | 1.9 | 245.0 | 3.0 | 23.0 | 2.1 | 62.0 | 163.0 |
| CAOND119159 | 197.9 | 198.0 | 0.3 | 16.55 | 64.90 | 2.56 | 14.00 | | 10.00 | 4.13 | 0.14 | 3.3 | 1.6 | 0.0 | 21.0 | 9.5 | 7.0 | 0.2 |
| | | | 14.0 | 3.3 | 61.1 | 207.0 | 0.42 | 0.19 | 0.3 | 5.00 | 99.5 | 2.9 | 62.0 | 14.0 | 11.6 | 1.4 | 35.0 | 188.0 |
| CAOND119160 | 212.8 | 212.9 | 0.3 | 13.75 | 1,555.00 | 5.92 | 16.00 | | 150.00 | 9.73 | 3.37 | 1.8 | 5.5 | 0.1 | 1.0 | 4.3 | 26.0 | 0.5 |
| | | | 6.0 | 77.0 | 53.9 | 1 015.0 | 0.84 | 0.33 | 0.9 | 5.00 | 100.1 | 1.9 | 235.0 | 2.0 | 22.8 | 2.1 | 68.0 | 164.0 |
| CAOND119161 | 261.0 | 261.2 | 0.3 | 13.70 | 698.00 | 5.38 | 100.00 | | 130.00 | 8.02 | 2.87 | 4.7 | 5.6 | 0.1 | 0.5 | 4.5 | 25.0 | 0.5 |
| | | | 2.0 | 118.0 | 52.8 | 433.0 | 0.80 | 0.29 | 0.9 | 10.00 | 99.3 | 2.0 | 226.0 | 9.0 | 21.6 | 1.9 | 109.0 | 162.0 |
| CAOND119162 | 265.9 | 266.0 | 0.3 | 13.45 | 1,375.00 | 6.23 | 6.00 | | 120.00 | 2.97 | 5.31 | 6.0 | 3.0 | 0.1 | 2.0 | 3.4 | 18.0 | 0.3 |
| | | | 4.0 | 114.5 | 57.8 | 483.0 | 0.51 | 0.20 | 0.4 | 5.00 | 99.1 | 2.8 | 99.0 | 2.0 | 13.4 | 1.3 | 47.0 | 120.0 |
| CAOND119163 | 282.9 | 283.0 | 0.3 | 10.75 | 1,060.00 | 1.70 | 7.00 | | 70.00 | 3.05 | 8.80 | 1.8 | 1.9 | 0.0 | 1.0 | 0.1 | 26.0 | 0.1 |
| | | | 6.0 | 187.5 | 70.9 | 199.5 | 0.29 | 0.13 | 0.3 | 5.00 | 99.6 | 1.8 | 71.0 | 4.0 | 9.1 | 0.9 | 47.0 | 111.0 |
| CAOND119164 | 299.4 | 299.5 | 0.3 | 18.05 | 545.00 | 1.18 | 11.00 | | 240.00 | 5.31 | 4.11 | 2.4 | 3.3 | 0.0 | 3.0 | 5.5 | 115.0 | 0.2 |
| | | | 2.0 | 132.5 | 58.4 | 267.0 | 0.56 | 0.29 | 0.8 | 5.00 | 99.4 | 2.5 | 171.0 | 5.0 | 17.8 | 1.8 | 41.0 | 143.0 |

**Hole number:** KLUC19-535

| Sample | From | To | Ag gpt | Al2O3 Pct | Ba ppm | CaO Pct | Cu ppm | CO2 Pct | Cr ppm | Fe2O3 Pct | K2O Pct | LOI pct | MgO pct | MnO pct | Mo ppm | Na2O pct | Ni ppm | P2O5 pct |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Pb ppm | Rb ppm | SiO2 pct | Sr ppm | Tb ppm | Tm ppm | TiO2 pct | Tl ppm | Total pct | U ppm | V ppm | W ppm | Y ppm | Yb ppm | Zn ppm | Zr ppm |
| CAOND119165 | 326.3 | 326.4 | 0.3 | 13.35 | 618.00 | 4.11 | 53.00 | | 690.00 | 7.64 | 4.54 | 4.0 | 5.2 | 0.1 | 3.0 | 3.4 | 149.0 | 0.2 |
| | | | 1.0 | 160.0 | 56.0 | 1 240.0 | 0.64 | 0.27 | 0.9 | 5.00 | 99.8 | 1.6 | 203.0 | 5.0 | 18.5 | 1.8 | 75.0 | 182.0 |

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 3.0 | 6.0 | 70.00 | 100.00 | | | N | |
| 6.0 | 9.0 | 97.00 | 100.00 | | | N | |
| 9.0 | 12.0 | 97.00 | 100.00 | | | N | |
| 12.0 | 15.0 | 98.00 | 100.00 | | | N | |
| 15.0 | 18.0 | 100.00 | 100.00 | | | N | |
| 18.0 | 21.0 | 98.00 | 100.00 | | | N | |
| 21.0 | 24.0 | 100.00 | 100.00 | | | N | |
| 24.0 | 27.0 | 100.00 | 100.00 | | | N | |
| 27.0 | 30.0 | 98.00 | 100.00 | | | N | |
| 30.0 | 33.0 | 100.00 | 100.00 | | | N | |
| 33.0 | 36.0 | 100.00 | 100.00 | | | N | |
| 36.0 | 39.0 | 100.00 | 100.00 | | | N | |
| 39.0 | 42.0 | 100.00 | 100.00 | | | N | |
| 42.0 | 45.0 | 80.00 | 100.00 | | | N | |
| 45.0 | 48.0 | 68.00 | 100.00 | | | N | |
| 48.0 | 51.0 | 82.00 | 100.00 | | | N | |
| 51.0 | 54.0 | 97.00 | 100.00 | | | N | |
| 54.0 | 57.0 | 100.00 | 100.00 | | | N | |
| 57.0 | 60.0 | 100.00 | 100.00 | | | N | |
| 60.0 | 63.0 | 98.00 | 100.00 | | | N | |
| 63.0 | 66.0 | 100.00 | 100.00 | | | N | |
| 66.0 | 69.0 | 100.00 | 100.00 | | | N | |
| 69.0 | 72.0 | 100.00 | 100.00 | | | N | |
| 72.0 | 75.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC19-535

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 75.0 | 78.0 | 100.00 | 100.00 | | | N | |
| 78.0 | 81.0 | 97.00 | 100.00 | | | N | |
| 81.0 | 84.0 | 100.00 | 100.00 | | | N | |
| 84.0 | 87.0 | 100.00 | 100.00 | | | N | |
| 87.0 | 90.0 | 100.00 | 100.00 | | | N | |
| 90.0 | 93.0 | 100.00 | 100.00 | | | N | |
| 93.0 | 96.0 | 100.00 | 100.00 | | | N | |
| 96.0 | 99.0 | 98.00 | 100.00 | | | N | |
| 99.0 | 102.0 | 100.00 | 100.00 | | | N | |
| 102.0 | 105.0 | 92.00 | 100.00 | | | N | |
| 105.0 | 108.0 | 100.00 | 100.00 | | | N | |
| 108.0 | 111.0 | 70.00 | 100.00 | | | N | |
| 111.0 | 114.0 | 97.00 | 100.00 | | | N | |
| 114.0 | 117.0 | 97.00 | 100.00 | | | N | |
| 117.0 | 120.0 | 98.00 | 100.00 | | | N | |
| 120.0 | 123.0 | 100.00 | 100.00 | | | N | |
| 123.0 | 126.0 | 100.00 | 100.00 | | | N | |
| 126.0 | 129.0 | 100.00 | 100.00 | | | N | |
| 129.0 | 132.0 | 92.00 | 100.00 | | | N | |
| 132.0 | 135.0 | 97.00 | 100.00 | | | N | |
| 135.0 | 138.0 | 100.00 | 100.00 | | | N | |
| 138.0 | 141.0 | 87.00 | 100.00 | | | N | |
| 141.0 | 144.0 | 67.00 | 100.00 | | | N | |
| 144.0 | 147.0 | 70.00 | 100.00 | | | N | |
| 147.0 | 150.0 | 78.00 | 100.00 | | | N | |
| 150.0 | 153.0 | 92.00 | 100.00 | | | N | |
| 153.0 | 156.0 | 73.00 | 100.00 | | | N | |
| 156.0 | 159.0 | 90.00 | 100.00 | | | N | |

**Hole number:** KLUC19-535

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 159.0 | 162.0 | 73.00 | 100.00 | | | N | |
| 162.0 | 165.0 | 88.00 | 100.00 | | | N | |
| 165.0 | 168.0 | 90.00 | 100.00 | | | N | |
| 168.0 | 171.0 | 97.00 | 100.00 | | | N | |
| 171.0 | 174.0 | 97.00 | 100.00 | | | N | |
| 174.0 | 177.0 | 97.00 | 100.00 | | | N | |
| 177.0 | 180.0 | 97.00 | 100.00 | | | N | |
| 180.0 | 183.0 | 53.00 | 100.00 | | | N | |
| 183.0 | 186.0 | 70.00 | 100.00 | | | N | |
| 186.0 | 189.0 | 100.00 | 100.00 | | | N | |
| 189.0 | 192.0 | 93.00 | 100.00 | | | N | |
| 192.0 | 195.0 | 70.00 | 100.00 | | | N | |
| 195.0 | 198.0 | 95.00 | 100.00 | | | N | |
| 198.0 | 201.0 | 93.00 | 100.00 | | | N | |
| 201.0 | 204.0 | 73.00 | 100.00 | | | N | |
| 204.0 | 207.0 | 82.00 | 100.00 | | | N | |
| 207.0 | 210.0 | 73.00 | 100.00 | | | N | |
| 210.0 | 213.0 | 67.00 | 100.00 | | | N | |
| 213.0 | 216.0 | 73.00 | 100.00 | | | N | |
| 216.0 | 219.0 | 90.00 | 100.00 | | | N | |
| 219.0 | 222.0 | 73.00 | 100.00 | | | N | |
| 222.0 | 225.0 | 97.00 | 100.00 | | | N | |
| 225.0 | 228.0 | 62.00 | 100.00 | | | N | |
| 228.0 | 231.0 | 70.00 | 100.00 | | | N | |
| 231.0 | 234.0 | 82.00 | 100.00 | | | N | |
| 234.0 | 237.0 | 80.00 | 100.00 | | | N | |
| 237.0 | 240.0 | 83.00 | 100.00 | | | N | |
| 240.0 | 243.0 | 87.00 | 100.00 | | | N | |

**Hole number:** KLUC19-535

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 243.0 | 246.0 | 97.00 | 100.00 | | | N | |
| 246.0 | 249.0 | 95.00 | 100.00 | | | N | |
| 249.0 | 252.0 | 53.00 | 100.00 | | | N | |
| 252.0 | 255.0 | 88.00 | 100.00 | | | N | |
| 255.0 | 258.0 | 85.00 | 100.00 | | | N | |
| 258.0 | 261.0 | 98.00 | 100.00 | | | N | |
| 261.0 | 264.0 | 68.00 | 100.00 | | | N | |
| 264.0 | 267.0 | 63.00 | 100.00 | | | N | |
| 267.0 | 270.0 | 57.00 | 100.00 | | | N | |
| 270.0 | 273.0 | 77.00 | 100.00 | | | N | |
| 273.0 | 276.0 | 85.00 | 100.00 | | | N | |
| 276.0 | 279.0 | 38.00 | 100.00 | | | N | |
| 279.0 | 282.0 | 63.00 | 100.00 | | | N | |
| 282.0 | 285.0 | 93.00 | 100.00 | | | N | |
| 285.0 | 288.0 | 77.00 | 100.00 | | | N | |
| 288.0 | 291.0 | 87.00 | 100.00 | | | N | |
| 291.0 | 294.0 | 87.00 | 100.00 | | | N | |
| 294.0 | 297.0 | 75.00 | 100.00 | | | N | |
| 297.0 | 300.0 | 83.00 | 100.00 | | | N | |
| 300.0 | 303.0 | 80.00 | 100.00 | | | N | |
| 303.0 | 306.0 | 87.00 | 100.00 | | | N | |
| 306.0 | 309.0 | 90.00 | 100.00 | | | N | |
| 309.0 | 312.0 | 90.00 | 100.00 | | | N | |
| 312.0 | 315.0 | 98.00 | 100.00 | | | N | |
| 315.0 | 318.0 | 97.00 | 100.00 | | | N | |
| 318.0 | 321.0 | 73.00 | 100.00 | | | N | |
| 321.0 | 324.0 | 88.00 | 100.00 | | | N | |
| 324.0 | 327.0 | 75.00 | 100.00 | | | N | |

**Hole number:** KLUC19-535

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 327.0 | 330.0 | 20.00 | 100.00 | | | N | |
| 330.0 | 333.0 | 37.00 | 100.00 | | | N | |
| 333.0 | 336.0 | 20.00 | 100.00 | | | N | |
| 336.0 | 339.0 | 42.00 | 100.00 | | | N | |
| 339.0 | 342.0 | 55.00 | 100.00 | | | N | |
| 342.0 | 345.0 | 82.00 | 100.00 | | | N | |
| 345.0 | 348.0 | 33.00 | 100.00 | | | N | |
| 348.0 | 351.0 | 60.00 | 100.00 | | | N | |
| 351.0 | 354.0 | 77.00 | 100.00 | | | N | |
| 354.0 | 357.0 | 98.00 | 100.00 | | | N | |
| 357.0 | 360.0 | 98.00 | 100.00 | | | N | |
| 360.0 | 363.0 | 90.00 | 100.00 | | | N | |
| 363.0 | 366.0 | 83.00 | 100.00 | | | N | |
| 366.0 | 369.0 | 42.00 | 100.00 | | | N | |
| 369.0 | 372.0 | 50.00 | 100.00 | | | N | |
| 372.0 | 375.0 | 72.00 | 100.00 | | | N | |
| 375.0 | 378.0 | 93.00 | 100.00 | | | N | |
| 378.0 | 381.0 | 87.00 | 100.00 | | | N | |
| 381.0 | 384.0 | 100.00 | 100.00 | | | N | |
| 384.0 | 387.0 | 100.00 | 100.00 | | | N | |
| 387.0 | 390.0 | 100.00 | 100.00 | | | N | |
| 390.0 | 393.0 | 100.00 | 100.00 | | | N | |
| 393.0 | 396.0 | 98.00 | 100.00 | | | N | |
| 396.0 | 399.0 | 73.00 | 100.00 | | | N | |
| 399.0 | 400.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC19-535

AGNICO EAGLE

# DRILL HOLE REPORT

EXPLORATION CANADA
ONTARIO

**Hole number:** KLUC19-536 **Project Number:** U_Canada **Project name:** Upper Canada

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Historic hole number:** | | **Collar survey:** | Y | **From:** | 0.0 | **Coordinates:** | P |
| **System:** | METRIC | **Verified:** | N | **To:** | 252.0 | **Grid:** | UTM83-17_CSRS-2010: |
| **Target:** | UC_NORTHLAND | **Gas:** | N | **Depth:** | 252.0 | **North:** | 5,332,802.92 |
| **No. Claim:** | PAT-18821 | **Multishot survey:** | N | **Location:** | Surface | **East:** | 586,088.37 |
| **Year:** | 2 019 | **Is making water:** | N | **Core storage:** | Mine Site | **Elevation:** | 359.61 |
| **Date started:** | 2019-03-11 | **Object in hole:** | N | **Contractor:** | Asinii Drilling | **Collar dip:** | -49.32 |
| **Date logged:** | 2019-03-20 | **Pulse EM survey:** | N | **Logged by:** | Melanie Bouchard | **Collar azimuth:** | 345.92 |
| **Date completed:** | 2019-03-14 | **Plugged:** | Y | **Signature:** | Mélanie Bouchard | | |
| **Core size:** | NQ | **Cemented:** | Y | | | | |
| **Hole type:** | EXP | **Branch:** | N | | | | |
| **Casing:** | Left in Hole, capped | **Reserve:** | N | | | | |
| **Logging status:** | Signed | | | | | | |
| **Rig number:** | 2501 | | | | | | |

**Additional sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Proposed hole: UCP19-027. New and improved Asinii II drill Rig: 2501. Targeting: Northland Zone, eastern stepout. Melanie logged to 155m. Monica logged 155 - 252m (E.O.H) remainder of hole

## Assay average

| Average type | From | To | Length | Width | Zone | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Pb_ppm | Ni_ppm | As_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WEIGHTED | 32.5 | 39.9 | 7.4 | | UC_N_LAND | 0.669 | | | | | | |
| WEIGHTED | 47.0 | 50.5 | 3.5 | | UC_N_LAND | 0.733 | | | | | | |
| WEIGHTED | 222.7 | 223.3 | 0.6 | | | 1.325 | | | | | | |

## Survey data

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments | Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 345.92 | -49.32 | S | O | Surveyed dip and azimuth (true North) | 15.0 | 347.60 | -50.50 | EZ | O | 55039 |
| 45.0 | 348.30 | -50.40 | EZ | O | 54616 | 75.0 | 350.40 | -50.40 | EZ | D | 55374 |
| 105.0 | 347.80 | -50.30 | EZ | O | 54743 | 135.0 | 347.70 | -50.20 | EZ | O | 54377 |
| 165.0 | 347.80 | -50.20 | EZ | O | 54126 | 195.0 | 346.80 | -50.00 | EZ | O | 54520 |
| 225.0 | 344.60 | -49.90 | EZ | O | 54459 | 252.0 | 344.80 | -49.70 | EZ | O | 54665 |

## Hole number: KLUC19-536

| Certificate |
|---|
| TM19078623 |
| TM19079265 |
| TM19080429 |
| TM19080432 |
| TM19084630 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505D19-014 | Excaon1D | CAOND121454 - CAOND121573 |
| CXE5505D19-015 | Excaon1D | CAOND121574 - CAOND121745 |
| CXE5505D19-016 | Excaon1D | CAOND121746 - CAOND121918 |
| CXE5505D19WRA-014 | Excaon2-WRA | CAOND119164 - CAOND119166 |
| CXE5505D19WRA-015 | Excaon2-WRA | CAOND119167 - CAOND119174 |

*The sample list may content samples from other holes

| Sample number | Standard |
|---|---|
| CAOND121545 | CDN-CM-28-AEM |
| CAOND121560 | CDN-CM-27-AEM |
| CAOND121570 | BLANK-DB |
| CAOND121575 | CDN-GS-5W |
| CAOND121590 | CDN-CM-28-AEM |
| CAOND121615 | CDN-CM-27-AEM |
| CAOND121620 | BLANK-DB |
| CAOND121630 | CDN-GS-5W |
| CAOND121645 | CDN-CM-28-AEM |
| CAOND121660 | CDN-CM-27-AEM |
| CAOND121670 | BLANK-DB |
| CAOND121675 | CDN-GS-5W |
| CAOND121690 | CDN-CM-28-AEM |
| CAOND121715 | CDN-CM-27-AEM |
| CAOND121720 | BLANK-DB |
| CAOND121730 | CDN-GS-5W |
| CAOND121745 | CDN-CM-28-AEM |
| CAOND121760 | CDN-CM-27-AEM |

**Major:** **From:** 0.00 **To:** 3.30 OVB, Overburden

Overburden / casing

**Major:** **From:** 3.30 **To:** 3.80 S, Roches sédimentaires indéterminées

Composition: Medium pink with minor greenish grey, fine grained, massive; S - Sediments. Magnetism: Non magnetic. Veinning: 1% irregular fracture filled qtz veinning. Structure: Undeformed. Weak to moderate microfracturing. Alteration: Weak pervasive hem/kspar alteration. Mineralization: 2% fine to medium grained PY clustered in fractures. Lower Contact: Contact is sharp and straight oriented at 40 TCA.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121543 | 3.3 | 3.8 | 0.5 | 0.041 | | | | 2.67 |

**Major:** **From:** 3.80 **To:** 39.90 I2Dp, Porphyritic Syenite

Composition: Medium to dark red to orangish red, fine grained matrix with 25-30% medium and coarse grained felspar phenocrysts (shape is variable), porphyritic texture; I2Dp - Syenite porphyry. Magnetism: Non magnetic. Veinning: 10-15% irregular, chaotic, microfracture filling carbonate veinlets and 1% qtz-carb veinning. Structure: Undeformed, weak to moderate microfracturing. Alteration: Mdoerate to strong pervasive hem alteration in matrix. Mineralization: 1-3% fine grained disseminated and patchy Py mineralization. Lower Contact: Contact is relatively sharp but over printed by alteration.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121544 | 3.8 | 5.0 | 1.2 | 0.048 | | | | 2.86 |
| CAOND121546 | 5.0 | 6.5 | 1.5 | 0.065 | | | | 3.17 |
| CAOND121547 | 6.5 | 8.0 | 1.5 | 0.175 | | | | 2.80 |
| CAOND121548 | 8.0 | 9.5 | 1.5 | 0.100 | | | | 2.96 |
| CAOND121549 | 9.5 | 11.0 | 1.5 | 0.072 | | | | 2.99 |
| CAOND121551 | 11.0 | 12.5 | 1.5 | 0.091 | | | | 2.93 |

**Hole number:** KLUC19-536

3.80, 39.90, PYR, DIS, 3.00, -, -, 3-5% fine grained disseminated and fine to medium grained clustered in fractures Py mineralization

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

3.80, 39.90, HEM+, PEN, MOD, -, -, -, Moderate to strong pervasive hem alteration
20.00, 24.50, SER+, PEN, WEAK, -, -, -, Weak to moderate possible Se alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

3.80, 39.90, FRA, WEAK, -, -, -, -, Weak to moderate microfracturing domiantly filled with carbonate

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

3.80, 19.90, CBT, 10.00, -, -, -, -, -, -, -, -, -, 10-15% irregular, chaotic fracture filling carbonate veinlets
19.90, 20.00, QTZ, 50.00, -, -, -, -, -, -, -, -, -, 5cm thick qtz vien trending at 40 TCA, contains 30% angular brecciated clasts of host rock
23.10, 23.20, QtzCbt, 30.00, -, -, -, -, -, -, -, PYR, 1.00, 3cm thick qtz-carb vein with 1% clustered Py. Contacts are sharp and oriented at 60 TCA
23.20, 39.90, CBT, 3.00, -, -, -, -, -, -, -, -, -, 3-5% irregular, chaotic microfracture filling carbonate. 1% mm scale qtz veinning

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121552 | 12.5 | 14.0 | 1.5 | 0.127 | | | | 2.67 |
| CAOND121553 | 14.0 | 15.5 | 1.5 | 0.234 | | | | 2.66 |
| CAOND121554 | 15.5 | 17.0 | 1.5 | 0.100 | | | | 2.68 |
| CAOND121555 | 17.0 | 18.5 | 1.5 | 0.208 | | | | 2.70 |
| CAOND121556 | 18.5 | 19.5 | 1.0 | 0.273 | | | | 2.72 |
| CAOND121557 | 19.5 | 20.5 | 1.0 | 0.313 | | | | 2.69 |
| CAOND121558 | 20.5 | 22.0 | 1.5 | 0.394 | | | | 2.68 |
| CAOND121559 | 22.0 | 23.5 | 1.5 | 0.175 | | | | 2.67 |
| CAOND121561 | 23.5 | 25.0 | 1.5 | 0.486 | | | | 2.69 |
| CAOND121562 | 25.0 | 26.5 | 1.5 | 0.620 | | | | 2.67 |
| CAOND121563 | 26.5 | 28.0 | 1.5 | 0.304 | | | | 2.69 |
| CAOND121564 | 28.0 | 29.5 | 1.5 | 0.437 | | | | 2.70 |
| CAOND121565 | 29.5 | 31.0 | 1.5 | 0.187 | | | | 2.69 |
| CAOND121566 | 31.0 | 32.5 | 1.5 | 0.378 | | | | 2.68 |
| CAOND121567 | 32.5 | 34.0 | 1.5 | 0.605 | | | | 2.68 |
| CAOND121568 | 34.0 | 35.5 | 1.5 | 0.687 | | | | 2.69 |
| CAOND121569 | 35.5 | 37.0 | 1.5 | 0.526 | | | | 2.70 |
| CAOND121571 | 37.0 | 38.5 | 1.5 | 0.503 | | | | 2.67 |
| CAOND121572 | 38.5 | 39.9 | 1.4 | 1.050 | | | | 2.66 |

**Major:** **From:** 39.90 **To:** 47.90 S1, CONGLOMÉRAT

Composition: Various shades of red, reddish orange, and beige; chaotic, strongly altered and moderate network of microfracturing, pebbles observed but difficult to make out due to overprinting alteration; appears to be polylithic and pebble supported; S1 - Conglomerate. Magnetism: non magnetic. Veinning: 5-10% irregular and discontinuous micrfractur filled carbonate and 1% irregular qtz-carb veinlets. Structure: Weak chaotic network of microfracturing. Alteration: Moderate pervasive hem-se alteration? Mineralization: 1-2% fine grained dissemianted and clustered Py. Lower Contact: Sharp and relatively straight; orieneted at 60 TCA.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

39.90, 40.00, PYR, DIS, 3.00, -, -, 3-5% fine grained disseminated and fine to medium grained clustered in fractures Py mineralization
40.00, 47.90, PYR, DIS, 1.00, -, -, 1-2% fine grained dissemianted and clustered Py mineralization

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

39.90, 40.00, HEM+, PEN, MOD, -, -, -, Moderate to strong pervasive hem alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121573 | 39.9 | 41.0 | 1.1 | 0.299 | | | | 2.71 |
| CAOND121574 | 41.0 | 42.5 | 1.5 | 0.573 | | | | 2.62 |
| CAOND121576 | 42.5 | 44.0 | 1.5 | 0.183 | | | | 2.69 |
| CAOND121577 | 44.0 | 45.5 | 1.5 | 0.156 | | | | 2.73 |
| CAOND121578 | 45.5 | 47.0 | 1.5 | 0.287 | | | | 2.72 |
| CAOND121579 | 47.0 | 47.9 | 0.9 | 0.585 | | | | 2.68 |

**Hole number:** KLUC19-536

40.00, 47.90, HEM+, PEN, MOD, -, -, -, Moderate to strong pervasive hem alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
39.90, 47.90, FRA, WEAK, -, -, -, -, Weak to moderate microfracturing domiantly filled with carbonate

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
39.90, 40.00, CBT, 3.00, -, -, -, -, -, -, -, -, -, 3-5% irregular, chaotic microfracture filling carbonate. 1% mm scale qtz veinning

**Major:** **From:** 47.90 **To:** 51.50 I2Dp, Porphyritic Syenite

Composition: Medium to dark red to orangish red, fine grained matrix with 15-20% medium and coarse grained felspar phenocrysts (shape is variable), porphyritic texture; I2Dp - Syenite porphyry. Magnetism: Non magnetic. Veinning: 5-10% irregular, chaotic, microfracture filling carbonate veinlets. Structure: Undeformed, weak to moderate microfracturing. Alteration: Mdoerate to strong pervasive hem alteration in matrix. Mineralization: 1-3% fine grained disseminated and patchy Py mineralization. Lower Contact: Sharp but irregular. **Possibly minor intervals of sediment and mafic syenite porphyry10-20cm thick.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
47.90, 51.50, PYR, DIS, 2.00, -, -, 2-3% fine grained dissemianted and clustered Py mineralization

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
47.90, 51.50, HEM+, PEN, MOD, -, -, -, Moderate to strong pervasive hem alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
47.90, 51.50, FRA, WEAK, -, -, -, -, Weak to moderate microfracturing domiantly filled with carbonate

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121581 | 47.9 | 49.0 | 1.1 | 0.422 | | | | 2.66 |
| CAOND121582 | 49.0 | 50.5 | 1.5 | 1.050 | | | | 2.73 |
| CAOND121583 | 50.5 | 51.5 | 1.0 | 0.412 | | | | 2.72 |

**Major:** **From:** 51.50 **To:** 61.10 I2Dmp, Syenite mafic porphyryitic

Composition: Domiantly medium to dark purplish grey with minor pinkish at beginning of interval, 2-3% fine grained feldspar phenocrysts, 2-3% fine grained amphibole crystals and 1-2% mafic zenoliths, porphyrytic texture; I2Dmp - Syenite mafic intrusion. Magnetism: Weakly magnetic. Veinning: 2% irregular and chaotic whispy clacite vienlets. Structure: Dominantly undeformed with rare to weak microfracturing. Alteration: Weak kspar alteration at beginning of interval. Mineralization: 2-3% very fine grained dissemianted Py mineralization with 1% clustered in fractures. Lower Contact: Sharp but irregular

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
51.50, 61.10, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained dissemianted Py

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121584 | 51.5 | 53.0 | 1.5 | 0.287 | | | | 2.77 |
| CAOND121585 | 53.0 | 54.5 | 1.5 | 0.266 | | | | 2.76 |
| CAOND121586 | 54.5 | 56.0 | 1.5 | 0.210 | | | | 2.75 |
| CAOND121587 | 56.0 | 57.5 | 1.5 | 0.335 | | | | 2.72 |
| CAOND121588 | 57.5 | 59.0 | 1.5 | 0.159 | | | | 2.75 |
| CAOND121589 | 59.0 | 60.0 | 1.0 | 0.192 | | | | 2.75 |
| CAOND121591 | 60.0 | 61.1 | 1.1 | 0.070 | | | | 2.73 |

## Hole number: KLUC19-536

**Major:** **From:** 61.10 **To:** 62.80 S1, CONGLOMÉRAT

Composition: Variety of colours, polymitic, clast supported; S1 - Conglomerate. Magnetism: Non magnetic. Veinning: 1% mm scale fracture filling calcite veinlets. Structure: Undeformed. Alteration: Variable. Mineralization: 3-5% fine grained Py mineralization disseminated in matrix and clustered at pebble-matrix contacts. Lower Contact: Sharp and straight; oriented at 45 TCA.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

61.10, 62.80, PYR, DIS, 3.00, -, -, 3-5% fine grained Py mineralization disseminated in matrix and clustered at pebble-matrix contacts.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121592 | 61.1 | 62.0 | 0.9 | 0.076 | | | | 2.72 |
| CAOND121593 | 62.0 | 62.8 | 0.8 | 0.111 | | | | 2.70 |

**Major:** **From:** 62.80 **To:** 64.20 I2Dmp, Syenite mafic porphyryitic

Composition: Dark purplish grey with minor pinkish at beginning of interval, 2-3% fine grained feldspar phenocrysts and 3-5% fine grained amphibole crystals, porphyrytic texture; I2Dmp - Syenite mafic intrusion. Magnetism: Weakly magnetic. Veinning: 1% irregular and chaotic, mm scale qtz-cal veinlets Structure: Undeformed. Alteration: Weak pervasive hem alteration. Mineralization: 2-3% fine grained dissemianted Py mineralization. Lower Contact: Sharp but irregular

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

62.80, 64.20, PYR, DIS, 2.00, -, -, 2-3% very fine grained dissemianted Py

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121594 | 62.8 | 64.2 | 1.4 | 0.140 | | | | 2.73 |

**Major:** **From:** 64.20 **To:** 78.60 S1, CONGLOMÉRAT

Composition: Variety of colours, polymitic, clast supported; S1 - Conglomerate. Magnetism: Non magnetic. Veinning: 1% mm scale fracture filling calcite veinlets. Structure: Undeformed. Alteration: Variable. Mineralization: 3-5% fine grained Py mineralization disseminated in matrix and clustered at pebble-matrix contacts. Lower Contact: Sharp but irregular.

**MINOR INTERVAL**

77.60 - 78.00: I2Dmp40cm thick minor interval of poryritic mafic syenite intrusion. 1-2% fine grained disseminated Py mineralization. Contacts are sharp but irregular.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

64.20, 78.60, PYR, DIS, 3.00, -, -, 3-5% fine grained Py mineralization disseminated in matrix and clustered at pebble-matrix contacts.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121595 | 64.2 | 65.5 | 1.3 | 0.099 | | | | 2.71 |
| CAOND121596 | 65.5 | 67.0 | 1.5 | 0.132 | | | | 2.75 |
| CAOND121597 | 67.0 | 68.5 | 1.5 | 0.056 | | | | 2.75 |
| CAOND121598 | 68.5 | 70.0 | 1.5 | 0.092 | | | | 2.74 |
| CAOND121599 | 70.0 | 71.5 | 1.5 | 0.042 | | | | 2.68 |
| CAOND121601 | 71.5 | 73.0 | 1.5 | 0.091 | | | | 2.70 |
| CAOND121602 | 73.0 | 74.5 | 1.5 | 0.076 | | | | 2.68 |
| CAOND121603 | 74.5 | 76.0 | 1.5 | 0.053 | | | | 2.68 |
| CAOND121604 | 76.0 | 76.8 | 0.8 | 0.095 | | | | 2.75 |
| CAOND121605 | 76.8 | 77.6 | 0.8 | 0.076 | | | | 2.66 |
| CAOND121606 | 77.6 | 78.1 | 0.5 | 0.100 | | | | 2.76 |
| CAOND121607 | 78.1 | 78.6 | 0.5 | 0.639 | | | | 2.73 |

**Major:** **From:** 78.60 **To:** 81.00 I2Dmp, Syenite mafic porphyryitic

Composition: Dark purple fine grained matrix with 1% fine grained amp crystals and 20% medium grey to greenish grey altered felspar phenocrysts?, porphyritic texture; I2Dmp - Syenite mafic porphyry. Magnetism: Moderate to strongly magnetic. Veinning: 1% mm scale calcite veinlets. Structure:

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121608 | 78.6 | 80.0 | 1.4 | 0.093 | | | | 2.77 |
| CAOND121609 | 80.0 | 81.0 | 1.0 | 0.094 | | | | 2.78 |

**Hole number:** KLUC19-536

Undeformed. Alteration: Unaltered? Mineralization: 1-2% fine grained dissemianted Py mineralization. Lower Contact: sharp and straight; oriented at 50 TCA.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

78.60, 81.00, PYR, DIS, 1.00, -, FGR, 1-2% fine grained disseminated Py mineralization

**Major:** **From:** 81.00 **To:** 110.20 I2Dp, Porphyritic Syenite

Composition: Medium to dark red to reddish orange fine grained matrix with 10-20% medium and coarse grained feldspar phenocrysts, porphyritic texture; I2Dp - Syenite porphyry. Magnetism: Moderately magnetic. Veinning: 10-15% irregular, chaotic fracture filling carbonate veinlets. Structure: Undefomed with weak to moderate healed fracturing. Alteration: Moderate to strong pervasive hem alteration. Mineralization: 3-5% fine grained disseminated Py and minor random clusters. Lower Contact: Sharp and relatively straight, trending at 20-30 TCA. Minor units: 100-100.9m = mafic syenite porphyry 108.9-109.1 = mafic syenite porphyry

**MINOR INTERVAL**

100.05 - 100.90: I2Dmp90cm thick minor interval of mafic syenite poprhyry. Dark purplish grey matrix with 3-5% fine grained spotted amp and 20% medium and coarse grained altered feldspar phenocrysts. Moderate shearing at up contact over 20cm oriented at 45 TCA. 2-3% fine grained disseminated Py and locally clustered in microfractures. Upper and lower contacts are sharp but slightly irregular, trending at 50 TCA

**MINOR INTERVAL**

108.90 - 109.10: I2Dmp20cm thick minor interval of mafic syenite poprhyry. Dark purplish grey matrix with 1-2% very fine grained spotted amp and 15-20% medium and coarse grained altered feldspar phenocrysts. 2-3% fine grained disseminated Py and locally clustered in microfractures. Upper and lower contacts are sharp but irregular and wavy.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

81.00, 107.00, PYR, DIS, 3.00, -, FGR, 3-5% fine grained disseminated Py and minor random clusters.
107.00, 110.20, PYR, PAT, 5.00, -, -, 5% irregular and random patches of medium and coarse grained PY

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

81.00, 110.20, HEM+, PEN, MOD, -, -, -, Moderate to strong pervasive hem alteration

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

81.00, 110.20, CBT, 3.00, -, -, -, -, -, -, -, -, -, 10-15% irregular, chaotic, discontinous fracture filling carbonate veinlets.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121610 | 81.0 | 82.5 | 1.5 | 0.443 | | | | 2.70 |
| CAOND121611 | 82.5 | 84.0 | 1.5 | 0.149 | | | | 2.70 |
| CAOND121612 | 84.0 | 85.5 | 1.5 | 0.315 | | | | 2.72 |
| CAOND121613 | 85.5 | 87.0 | 1.5 | 0.261 | | | | 2.70 |
| CAOND121614 | 87.0 | 88.5 | 1.5 | 0.161 | | | | 2.72 |
| CAOND121616 | 88.5 | 90.0 | 1.5 | 0.192 | | | | 2.69 |
| CAOND121617 | 90.0 | 91.5 | 1.5 | 0.179 | | | | 2.70 |
| CAOND121618 | 91.5 | 93.0 | 1.5 | 0.098 | | | | 2.69 |
| CAOND121619 | 93.0 | 94.5 | 1.5 | 0.086 | | | | 2.69 |
| CAOND121621 | 94.5 | 96.0 | 1.5 | 0.138 | | | | 2.69 |
| CAOND121622 | 96.0 | 97.5 | 1.5 | 0.223 | | | | 2.69 |
| CAOND121623 | 97.5 | 99.0 | 1.5 | 0.106 | | | | 2.70 |
| CAOND121624 | 99.0 | 100.1 | 1.1 | 0.091 | | | | 2.72 |
| CAOND121626 | 100.1 | 100.9 | 0.8 | 0.044 | | | | 2.86 |
| CAOND121627 | 100.9 | 102.0 | 1.1 | 0.052 | | | | 2.71 |
| CAOND121628 | 102.0 | 103.5 | 1.5 | 0.073 | | | | 2.70 |
| CAOND121629 | 103.5 | 105.0 | 1.5 | 0.066 | | | | 2.70 |
| CAOND121631 | 105.0 | 106.5 | 1.5 | 0.272 | | | | 2.70 |
| CAOND121632 | 106.5 | 108.0 | 1.5 | 0.066 | | | | 2.71 |
| CAOND121633 | 108.0 | 108.7 | 0.7 | 0.047 | | | | 2.73 |
| CAOND121634 | 108.7 | 109.2 | 0.5 | 0.091 | | | | 2.79 |
| CAOND121635 | 109.2 | 110.2 | 1.0 | 0.098 | | | | 2.72 |

## Hole number: KLUC19-536

**Major:** **From:** 110.20 **To:** 113.20 I2Dmp, Syenite mafic porphyryitic

Composition: Dark grey to purplish grey, very fine grained matrix with 15-20% medium and coarse grained, altered medium grey feldspar phenocrysts and 1-2% very fine grained random amphibole; porphyritic texture; I2Dmp - Syenite mafic porphyry. Magnetism: Non magnetic. Veinning: 1% irregular and chaotic carbonate veinning. Structure: Undeformed with rare to weak healed fracturing. Alteration: Unknown. Mineralization: 3-5% fine grained disseminated Py and occuring as random irregular clusters. Lower Contact: Sharp and straight, oriented at 70 TCA.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

110.20, 113.20, PYR, DIS, 3.00, -, FGR, 3-5% fine grained disseminated Py and occuring as random irregular clusters.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121636 | 110.2 | 111.2 | 1.0 | 0.048 | | | | 2.79 |
| CAOND121637 | 111.2 | 112.2 | 1.0 | 0.049 | | | | 2.80 |
| CAOND121638 | 112.2 | 113.2 | 1.0 | 0.108 | | | | 2.79 |

**Major:** **From:** 113.20 **To:** 135.20 S, Roches sédimentaires indéterminées

Composition: Medium pink to red, fine grained, massive, homogenous; S - sediment. Magnetism: Non magnetic. Veinning: Less than 1% microfracture filled carbonate veinlets and 1% irregular and chaotic qtz veinning. Structure: Underformed. Alteration: Moderate pervasive hem alteration. Mineralization: 5% very fine to fine grained disseminated Py mineralization with minor PY clustered in veins and fractures. Lower Contact:

**MINOR INTERVAL**

130.40 - 131.10: I2DmpComposition: Medium purplish grey and medium purplish pink, fine grained matrix with 2-3% fine grained spotted amp and 5-10% medium grained feldspar phenocrysts, poprhyrytic texture; I2Dmp - Syenite mafic porphyry. Magnetism: Weakly magnetic. Veinning: Less than 1% irregular chaotic microfracture filled carbonate. Structure: Undeformed. Alteration: Weak patchy kspar alteration? Mineralization: 1% very fine grained dissemianted Py. Lower Contact: Relatively sharp but over printed by alteration and irregular.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

113.20, 135.20, PYR, DIS, 5.00, -, VFG, 5% very fine to fine grained disseminated Py mineralization with minor PY clustered in veins and fractures.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121639 | 113.2 | 114.5 | 1.3 | 0.025 | | | | 2.67 |
| CAOND121640 | 114.5 | 116.0 | 1.5 | 0.034 | | | | 2.67 |
| CAOND121641 | 116.0 | 117.5 | 1.5 | 0.033 | | | | 2.67 |
| CAOND121642 | 117.5 | 119.0 | 1.5 | 0.047 | | | | 2.65 |
| CAOND121643 | 119.0 | 120.5 | 1.5 | 0.077 | | | | 2.66 |
| CAOND121644 | 120.5 | 122.0 | 1.5 | 0.258 | | | | 2.67 |
| CAOND121646 | 122.0 | 123.5 | 1.5 | 0.081 | | | | 2.67 |
| CAOND121647 | 123.5 | 125.0 | 1.5 | 0.069 | | | | 2.68 |
| CAOND121648 | 125.0 | 126.5 | 1.5 | 0.148 | | | | 2.69 |
| CAOND121649 | 126.5 | 128.0 | 1.5 | 0.051 | | | | 2.67 |
| CAOND121651 | 128.0 | 129.5 | 1.5 | 0.121 | | | | 2.66 |
| CAOND121652 | 129.5 | 130.5 | 1.0 | 0.119 | | | | 2.69 |
| CAOND121653 | 130.5 | 131.1 | 0.6 | 0.012 | | | | 2.58 |
| CAOND121654 | 131.1 | 132.5 | 1.4 | 0.175 | | | | 2.67 |
| CAOND121655 | 132.5 | 134.0 | 1.5 | 0.035 | | | | 2.66 |
| CAOND121656 | 134.0 | 135.2 | 1.2 | 0.049 | | | | 2.70 |

**Major:** **From:** 135.20 **To:** 138.40 I2Dp, Porphyritic Syenite

Composition: Medium to dark reddish orange fine grained matrix with 10-20% medium and coarse grained feldspar phenocrysts, porphyritic texture; I2Dp - Syenite porphyry. Magnetism: Non magnetic. Veinning: Less than 1% irregular, chaotic fracture filling carbonate veinlets. Structure: Undefomed with weak to moderate healed microfracturing. Alteration: Moderate to strong pervasive hem alteration. Mineralization: 3-5% fine grained disseminated Py and minor random clusters. Lower Contact: Sharp and straight, oriented at 45 TCA.

**MINERALIZATION**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121657 | 135.2 | 136.5 | 1.3 | 0.024 | | | | 2.66 |
| CAOND121658 | 136.5 | 137.5 | 1.0 | 0.043 | | | | 2.70 |
| CAOND121659 | 137.5 | 138.4 | 0.9 | 0.092 | | | | 2.65 |

**Hole number:** KLUC19-536

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
135.20, 138.40, PYR, DIS, 3.00, -, FGR, 3-5% fine grained disseminated Py and occuring as random irregular clusters.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
135.20, 138.40, HEM+, PEN, MOD, -, -, -, Moderate to strong pervasive hem alteration

**Major:** **From:** 138.40 **To:** 154.30 I2Dmp, Syenite mafic porphyryitic

Composition: Medium to dark purple to reddish purple fine grained matrix with 3% fine grained spotted amp and 25-30% medium grained irregular shaped feldspar phenocrysts, porphyritic texture; I2Dmp - Syenite mafic porphyry. Magnetism: Weakly magnetic. Veinning: 1% fracture filled calcite veinlets. Structure: Undeformed. Alteration: Unaltered? Mineralization: 1-2% very fine grained disseminated PY with minor medium grained clustered Py. Lower Contact: Sharp and relatively straight; oriented at 30 TCA.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
138.40, 154.30, PYR, DIS, .10, -, FGR, trace disseminated pyrite

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121661 | 138.4 | 139.0 | 0.6 | 0.023 | | | | 2.70 |
| CAOND121662 | 139.0 | 140.0 | 1.0 | 0.053 | | | | 2.68 |
| CAOND121663 | 140.0 | 141.5 | 1.5 | 0.206 | | | | 2.65 |
| CAOND121664 | 141.5 | 143.0 | 1.5 | 0.035 | | | | 2.64 |
| CAOND121665 | 143.0 | 144.5 | 1.5 | 0.020 | | | | 2.65 |
| CAOND121666 | 144.5 | 146.0 | 1.5 | 0.017 | | | | 2.64 |
| CAOND121667 | 146.0 | 147.5 | 1.5 | 0.051 | | | | 2.64 |
| CAOND121668 | 147.5 | 149.0 | 1.5 | 0.035 | | | | 2.64 |
| CAOND121669 | 149.0 | 150.5 | 1.5 | 0.039 | | | | 2.64 |
| CAOND121671 | 150.5 | 152.0 | 1.5 | 0.027 | | | | 2.64 |
| CAOND121672 | 152.0 | 153.5 | 1.5 | 0.016 | | | | 2.63 |
| CAOND121673 | 153.5 | 154.3 | 0.8 | 0.010 | | | | 2.71 |

**Major:** **From:** 154.30 **To:** 218.20 I2Dp, Porphyritic Syenite

Composition: Course gained to dark pink medium grained matrix with 10-20% coarse grained feldspar phenocrysts, porphyritic texture; I2Dp - Syenite porphyry. Laths of feldspar are sometimes weakly aligned but in general randomly oriented Magnetism: Non magnetic. Veinning: Less than 1% irregular, chaotic fracture filling carbonate veinlets. Structure: Undefomed with weak to moderate healed microfracturing. Alteration: weak hematite alteration Mineralization: 3-5% blebby pyrite with minor disseminated pyrite Lower Contact: Sharp and straight, oriented at TCA.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
154.30, 157.00, PYR, DIS, 1.00, -, FGR, Fine grained disseminated sulphide
157.00, 158.50, PYR, STG, 3.00, -, MGR, Discontinous stringers randomly oriented and ragged
158.50, 164.50, PYR, BBY, 3.00, -, MGR, Blebby with minor disseminated sulphides, blebs are <0.5cm
164.50, 165.20, PYR, DIS, 5.00, -, FGR, Evenly disseminated sulphides
165.20, 174.00, PYR, DIS, 3.00, -, FGR, Evenly disseminated sulphides
174.00, 179.00, PYR, DIS, 1.00, -, FGR, Evenly disseminated sulphides
179.00, 184.00, PYR, DIS, 3.00, -, FGR, Eveenly disseminated with minor stringers
184.00, 188.30, PYR, DIS, 1.00, -, FGR, Evenly disseminated sulphides with on stringer noted
188.30, 194.00, PYR, DIS, 5.00, -, FGR, Evenly disseminated sulphides

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121674 | 154.3 | 155.5 | 1.2 | 0.041 | | | | 2.71 |
| CAOND121676 | 155.5 | 157.0 | 1.5 | 0.048 | | | | 2.70 |
| CAOND121677 | 157.0 | 158.5 | 1.5 | 0.052 | | | | 2.70 |
| CAOND121678 | 158.5 | 159.6 | 1.1 | 0.057 | | | | 2.69 |
| CAOND121679 | 159.6 | 160.5 | 0.9 | 0.057 | | | | 2.67 |
| CAOND121681 | 160.5 | 162.0 | 1.5 | 0.130 | | | | 2.69 |
| CAOND121682 | 162.0 | 163.5 | 1.5 | 0.057 | | | | 2.68 |
| CAOND121683 | 163.5 | 164.5 | 1.0 | 0.078 | | | | 2.69 |
| CAOND121684 | 164.5 | 165.2 | 0.7 | 0.068 | | | | 2.66 |
| CAOND121685 | 165.2 | 166.5 | 1.3 | 0.081 | | | | 2.71 |
| CAOND121686 | 166.5 | 168.0 | 1.5 | 0.092 | | | | 2.70 |
| CAOND121687 | 168.0 | 169.5 | 1.5 | 0.086 | | | | 2.69 |
| CAOND121688 | 169.5 | 171.0 | 1.5 | 0.058 | | | | 2.69 |

**Hole number:** KLUC19-536

194.00, 204.40, PYR, DIS, 1.00, -, FGR, Evenly disseminated sulphides
204.40, 213.20, PYR, STG, 3.00, -, FGR, Stringer/fractrure filling and disseminated pyrite
213.20, 218.20, PYR, DIS, 3.00, -, FGR, evenly disseminated

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS
157.50, 164.50, QTZ_2, 5.00, 60.00, -, -, -, -, .30, MAS, -, -, Array of thin calcite + quartz veinlets. minor disseminated pyrite
185.00, 185.20, QtzCbt, 90.00, 40.00, -, -, -, -, -, BRC, PYR, .10, white matrix with angular clasts of wall rock

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121689 | 171.0 | 172.5 | 1.5 | 0.045 | | | | 2.70 |
| CAOND121691 | 172.5 | 174.0 | 1.5 | 0.038 | | | | 2.70 |
| CAOND121692 | 174.0 | 175.5 | 1.5 | 0.036 | | | | 2.69 |
| CAOND121693 | 175.5 | 177.0 | 1.5 | 0.060 | | | | 2.69 |
| CAOND121694 | 177.0 | 178.0 | 1.0 | 0.069 | | | | 2.70 |
| CAOND121695 | 178.0 | 179.0 | 1.0 | 0.166 | | | | 2.69 |
| CAOND121696 | 179.0 | 180.5 | 1.5 | 0.109 | | | | 2.70 |
| CAOND121697 | 180.5 | 182.0 | 1.5 | 0.059 | | | | 2.69 |
| CAOND121698 | 182.0 | 183.5 | 1.5 | 0.057 | | | | 2.70 |
| CAOND121699 | 183.5 | 185.0 | 1.5 | 0.111 | | | | 2.69 |
| CAOND121701 | 185.0 | 185.5 | 0.5 | 0.053 | | | | 2.76 |
| CAOND121702 | 185.5 | 187.0 | 1.5 | 0.077 | | | | 2.69 |
| CAOND121703 | 187.0 | 188.3 | 1.3 | 0.064 | | | | 2.69 |
| CAOND121704 | 188.3 | 189.0 | 0.7 | 0.054 | | | | 2.69 |
| CAOND121705 | 189.0 | 190.5 | 1.5 | 0.119 | | | | 2.71 |
| CAOND121706 | 190.5 | 192.0 | 1.5 | 0.158 | | | | 2.68 |
| CAOND121707 | 192.0 | 193.5 | 1.5 | 0.092 | | | | 2.69 |
| CAOND121708 | 193.5 | 194.5 | 1.0 | 0.060 | | | | 2.69 |
| CAOND121709 | 194.5 | 196.0 | 1.5 | 0.054 | | | | 2.67 |
| CAOND121710 | 196.0 | 197.5 | 1.5 | 0.106 | | | | 2.66 |
| CAOND121711 | 197.5 | 199.0 | 1.5 | 0.118 | | | | 2.66 |
| CAOND121712 | 199.0 | 200.5 | 1.5 | 0.092 | | | | 2.67 |
| CAOND121713 | 200.5 | 202.0 | 1.5 | 0.043 | | | | 2.68 |
| CAOND121714 | 202.0 | 203.5 | 1.5 | 0.023 | | | | 2.68 |
| CAOND121716 | 203.5 | 205.0 | 1.5 | 0.052 | | | | 2.69 |
| CAOND121717 | 205.0 | 206.5 | 1.5 | 0.043 | | | | 2.68 |
| CAOND121718 | 206.5 | 208.0 | 1.5 | 0.033 | | | | 2.68 |
| CAOND121719 | 208.0 | 209.5 | 1.5 | 0.102 | | | | 2.67 |
| CAOND121721 | 209.5 | 210.0 | 0.5 | 0.211 | | | | 2.64 |
| CAOND121722 | 210.0 | 211.0 | 1.0 | 0.133 | | | | 2.67 |
| CAOND121723 | 211.0 | 212.0 | 1.0 | 0.055 | | | | 2.68 |
| CAOND121724 | 212.0 | 213.2 | 1.2 | 0.076 | | | | 2.64 |
| CAOND121726 | 213.2 | 214.5 | 1.3 | 0.067 | | | | 2.67 |

**Hole number:** KLUC19-536

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121727 | 214.5 | 216.0 | 1.5 | 0.052 | | | | 2.66 |
| CAOND121728 | 216.0 | 217.0 | 1.0 | 0.102 | | | | 2.63 |
| CAOND121729 | 217.0 | 218.2 | 1.2 | 0.121 | | | | 2.67 |

**Major:** **From:** 218.20 **To:** 225.20 S, Roches sédimentaires indéterminées

Composition: light pink, fine grained, massive, homogenous; S - sediment. Magnetism: Non magnetic. Veinning: Less than 1% microfracture filled carbonate veinlets and 1% irregular and chaotic qtz veinning. Structure: Underformed. Alteration: Moderate pervasive hem alteration. Mineralization: 5% very fine to fine grained disseminated Py mineralization with PY clustered in veins and fractures. Lower Contact: 15 sharp

**MINOR INTERVAL**

220.10 - 220.40: S7E

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

222.70, 223.30, PYR, FRF, 5.00, -, FGR, THin wisps of sulphide from in fractures with chlorite

224.60, 225.20, PYR, BBY, 15.00, -, FGR, clusters of sulphides

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121731 | 218.2 | 219.5 | 1.3 | 0.027 | | | | 2.62 |
| CAOND121732 | 219.5 | 221.0 | 1.5 | 0.075 | | | | 2.65 |
| CAOND121733 | 221.0 | 222.0 | 1.0 | 0.021 | | | | 2.66 |
| CAOND121734 | 222.0 | 222.7 | 0.7 | 0.042 | | | | 2.63 |
| CAOND121735 | 222.7 | 223.3 | 0.6 | 1.325 | | | | 2.63 |
| CAOND121736 | 223.3 | 224.6 | 1.3 | 0.027 | | | | 2.68 |
| CAOND121737 | 224.6 | 225.2 | 0.6 | 0.068 | | | | 2.80 |

**Major:** **From:** 225.20 **To:** 233.00 V8Gs, Trachyte green spotted

Composition: dark green gray, fine grained, massive, pophyrtic ambiboles ; S - sediment. Magnetism: magnetic. Veinning: Less than 1% microfracture filled carbonate/chlorite/pyrite veinlets low angle Structure: Underformed. Alteration: weak chlorite alteration. NO Green Spots Mineralization: 2% clusters of pyrite and discontinous fracture fills. Lower Contact: Gradational

**TEXTURE**

TYPE/COLOR/GRAIN_SIZE/COMMENTS

225.20, 226.20, MAS, -, CGR, course grained amphibole

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

225.20, 232.80, PYR, BBY, 2.00, -, FGR, clusters of sulphide

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121738 | 225.2 | 226.5 | 1.3 | 0.129 | | | | 2.78 |
| CAOND121739 | 226.5 | 228.0 | 1.5 | 0.091 | | | | 2.74 |
| CAOND121740 | 228.0 | 229.5 | 1.5 | 0.100 | | | | 2.77 |
| CAOND121741 | 229.5 | 231.0 | 1.5 | 0.053 | | | | 2.76 |
| CAOND121742 | 231.0 | 232.0 | 1.0 | 0.062 | | | | 2.76 |
| CAOND121743 | 232.0 | 233.0 | 1.0 | 0.018 | | | | 2.75 |

**Major:** **From:** 233.00 **To:** 240.80 S, Roches sédimentaires indéterminées

Composition: light pink, fine grained, massive, homogenous; S - sediment. Magnetism: Non magnetic. Veinning: Less than 1% microfracture filled carbonate veinlets and 1% irregular and chaotic qtz veinning. Structure: Underformed. Alteration: Moderate pervasive hem alteration. Mineralization: 5% very fine to fine grained disseminated Py mineralization with PY clustered in veins and fractures. Lower Contact: Gradational

**MINOR INTERVAL**

238.50 - 238.60: S7EMudstone with minor pegmatite

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121744 | 233.0 | 234.0 | 1.0 | 0.015 | | | | 2.66 |
| CAOND121746 | 234.0 | 235.5 | 1.5 | 0.025 | | | | 2.68 |
| CAOND121747 | 235.5 | 237.0 | 1.5 | 0.003 | | | | 2.71 |
| CAOND121748 | 237.0 | 238.5 | 1.5 | 0.013 | | | | 2.67 |
| CAOND121749 | 238.5 | 240.0 | 1.5 | 0.041 | | | | 2.68 |
| CAOND121751 | 240.0 | 240.8 | 0.8 | 0.015 | | | | 2.67 |

## Hole number: KLUC19-536

**Major: From:** 240.80 **To:** 252.00 S1, CONGLOMÉRAT

Composition: light pink/ gray black, fine grained matrix15% matrix, 75% clasts, massive, clast supported, heterogenous; S Magnetism: stronglymagnetic. Veinning: no Structure: Underformed. Alteration: Moderate pervasive hematite alteration Mineralization: 5% total sulphide, sulphides have varity of textures ranging from disseminated in matrix disseminated in clasts, clusters, Lower Contact:

**MINOR INTERVAL**

250.60 - 250.80: PORPHpossible dyke or clast???

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

240.80, 252.00, PYR, DIS, 5.00, -, FGR, Varity of sulhides, disseminated clusters, wrapping clasts, disseminated in clasts. disseminated in matrix

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121752 | 240.8 | 242.0 | 1.2 | 0.077 | | | | 2.73 |
| CAOND121753 | 242.0 | 243.5 | 1.5 | 0.027 | | | | 2.67 |
| CAOND121754 | 243.5 | 245.0 | 1.5 | 0.029 | | | | 2.66 |
| CAOND121755 | 245.0 | 246.5 | 1.5 | 0.028 | | | | 2.67 |
| CAOND121756 | 246.5 | 248.0 | 1.5 | 0.032 | | | | 2.68 |
| CAOND121757 | 248.0 | 249.5 | 1.5 | 0.023 | | | | 2.68 |
| CAOND121758 | 249.5 | 251.0 | 1.5 | 0.059 | | | | 2.69 |
| CAOND121759 | 251.0 | 252.0 | 1.0 | 0.030 | | | | 2.70 |

**Geochemical sample**

| Sample | From | To | Ag gpt | Al2O3 Pct | Ba ppm | CaO Pct | Cu ppm | CO2 Pct | Cr ppm | Fe2O3 Pct | K2O Pct | LOI pct | MgO pct | MnO pct | Mo ppm | Na2O pct | Ni ppm | P2O5 pct |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Pb ppm | Rb ppm | SiO2 pct | Sr ppm | Tb ppm | Tm ppm | TiO2 pct | Tl ppm | Total pct | U ppm | V ppm | W ppm | Y ppm | Yb ppm | Zn ppm | Zr ppm |
| CAOND119166 | 6.5 | 6.6 | 0.3 | 16.60 | 1,725.00 | 3.28 | 60.00 | | 20.00 | 4.38 | 4.48 | 4.6 | 1.5 | 0.1 | 3.0 | 6.7 | 8.0 | 0.2 |
| | | | 12.0 | 92.2 | 57.9 | 837.0 | 0.45 | 0.22 | 0.4 | 5.00 | 100.3 | 3.0 | 96.0 | 6.0 | 14.2 | 1.4 | 21.0 | 168.0 |
| CAOND119167 | 56.6 | 56.8 | 0.3 | 14.45 | 1,220.00 | 5.91 | 47.00 | | 130.00 | 6.72 | 1.31 | 5.8 | 4.2 | 0.1 | 1.0 | 5.8 | 35.0 | 0.3 |
| | | | 3.0 | 52.3 | 52.7 | 875.0 | 0.60 | 0.24 | 0.5 | 5.00 | 98.1 | 2.5 | 183.0 | 8.0 | 16.8 | 1.7 | 75.0 | 146.0 |
| CAOND119168 | 78.9 | 79.0 | 0.3 | 14.95 | 1,265.00 | 6.52 | 10.00 | | 210.00 | 8.03 | 2.91 | 5.8 | 5.7 | 0.1 | 1.0 | 4.5 | 42.0 | 0.8 |
| | | | 18.0 | 114.0 | 48.4 | 553.0 | 1.21 | 0.31 | 0.7 | 5.00 | 98.7 | 4.3 | 211.0 | 5.0 | 26.0 | 1.9 | 113.0 | 218.0 |
| CAOND119169 | 90.2 | 90.3 | 0.3 | 17.10 | 1,890.00 | 2.79 | 6.00 | | 20.00 | 4.28 | 4.94 | 3.8 | 1.2 | 0.0 | 3.0 | 6.5 | 5.0 | 0.2 |
| | | | 10.0 | 119.5 | 57.8 | 806.0 | 0.50 | 0.23 | 0.4 | 5.00 | 99.3 | 3.4 | 104.0 | 10.0 | 15.2 | 1.6 | 23.0 | 171.0 |
| CAOND119170 | 112.2 | 112.4 | 0.3 | 14.05 | 399.00 | 8.10 | 10.00 | | 210.00 | 9.11 | 2.16 | 8.4 | 6.4 | 0.1 | 0.5 | 4.0 | 42.0 | 0.8 |
| | | | 7.0 | 102.0 | 45.1 | 790.0 | 1.12 | 0.28 | 0.7 | 5.00 | 99.0 | 5.1 | 208.0 | 3.0 | 23.7 | 1.8 | 90.0 | 212.0 |
| CAOND119171 | 122.0 | 122.2 | 0.3 | 9.21 | 981.00 | 2.81 | 39.00 | | 90.00 | 3.73 | 7.48 | 5.0 | 1.5 | 0.1 | 6.0 | 0.3 | 27.0 | 0.1 |
| | | | 3.0 | 158.5 | 70.0 | 259.0 | 0.24 | 0.13 | 0.3 | 5.00 | 100.6 | 1.0 | 66.0 | 6.0 | 8.3 | 0.9 | 18.0 | 69.0 |
| CAOND119172 | 152.9 | 153.0 | 0.3 | 14.55 | 2,090.00 | 3.34 | 10.00 | | 130.00 | 3.98 | 5.40 | 3.6 | 3.6 | 0.1 | 5.0 | 3.6 | 24.0 | 0.3 |
| | | | 6.0 | 125.5 | 59.9 | 2 690.0 | 0.53 | 0.22 | 0.4 | 5.00 | 99.3 | 3.2 | 106.0 | 3.0 | 14.4 | 1.4 | 43.0 | 134.0 |
| CAOND119173 | 202.2 | 202.4 | 0.3 | 16.80 | 1,895.00 | 3.38 | 25.00 | | 20.00 | 4.36 | 4.32 | 3.1 | 1.1 | 0.0 | 2.0 | 6.5 | 4.0 | 0.2 |
| | | | 6.0 | 92.2 | 58.0 | 857.0 | 0.47 | 0.23 | 0.4 | 5.00 | 98.5 | 3.2 | 105.0 | 5.0 | 14.4 | 1.5 | 28.0 | 165.0 |
| CAOND119174 | 218.6 | 218.7 | 0.3 | 10.95 | 1,265.00 | 2.73 | 10.00 | | 90.00 | 2.31 | 9.39 | 3.9 | 1.7 | 0.1 | 11.0 | 0.2 | 26.0 | 0.1 |
| | | | 4.0 | 190.0 | 67.3 | 302.0 | 0.32 | 0.15 | 0.4 | 5.00 | 99.0 | 1.6 | 73.0 | 5.0 | 10.3 | 1.0 | 17.0 | 102.0 |

## Hole number: KLUC19-536

| Sample | From | To | Ag gpt | Al2O3 Pct | Ba ppm | CaO Pct | Cu ppm | CO2 Pct | Cr ppm | Fe2O3 Pct | K2O Pct | LOI pct | MgO pct | MnO pct | Mo ppm | Na2O pct | Ni ppm | P2O5 pct |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Pb ppm | Rb ppm | SiO2 pct | Sr ppm | Tb ppm | Tm ppm | TiO2 pct | Tl ppm | Total pct | U ppm | V ppm | W ppm | Y ppm | Yb ppm | Zn ppm | Zr ppm |
| CAOND119175 | 226.6 | 226.7 | 0.3 | 14.35 | 2,110.00 | 6.74 | 7.00 | | 210.00 | 8.75 | 3.86 | 6.7 | 5.5 | 0.1 | 0.5 | 3.5 | 30.0 | 0.7 |
| | | | 12.0 | 144.0 | 47.5 | 801.0 | 1.14 | 0.30 | 0.7 | 5.00 | 98.8 | 3.5 | 233.0 | 4.0 | 25.3 | 2.0 | 102.0 | 222.0 |

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 3.3 | 6.0 | 85.00 | 100.00 | | | N | |
| 6.0 | 9.0 | 100.00 | 100.00 | | | N | |
| 9.0 | 12.0 | 100.00 | 100.00 | | | N | |
| 12.0 | 15.0 | 100.00 | 100.00 | | | N | |
| 15.0 | 18.0 | 90.00 | 100.00 | | | N | |
| 18.0 | 21.0 | 97.00 | 100.00 | | | N | |
| 21.0 | 24.0 | 97.00 | 100.00 | | | N | |
| 24.0 | 27.0 | 100.00 | 100.00 | | | N | |
| 27.0 | 30.0 | 100.00 | 100.00 | | | N | |
| 30.0 | 33.0 | 82.00 | 100.00 | | | N | |
| 33.0 | 36.0 | 97.00 | 100.00 | | | N | |
| 36.0 | 39.0 | 83.00 | 100.00 | | | N | |
| 39.0 | 42.0 | 77.00 | 100.00 | | | N | |
| 42.0 | 45.0 | 80.00 | 100.00 | | | N | |
| 45.0 | 48.0 | 98.00 | 100.00 | | | N | |
| 48.0 | 51.0 | 98.00 | 100.00 | | | N | |
| 51.0 | 54.0 | 97.00 | 100.00 | | | N | |
| 54.0 | 57.0 | 100.00 | 100.00 | | | N | |
| 57.0 | 60.0 | 97.00 | 100.00 | | | N | |
| 60.0 | 63.0 | 100.00 | 100.00 | | | N | |
| 63.0 | 66.0 | 97.00 | 100.00 | | | N | |
| 66.0 | 69.0 | 80.00 | 100.00 | | | N | |
| 69.0 | 72.0 | 100.00 | 100.00 | | | N | |
| 72.0 | 75.0 | 98.00 | 100.00 | | | N | |

**Hole number:** KLUC19-536

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 75.0 | 78.0 | 97.00 | 100.00 | | | N | |
| 78.0 | 81.0 | 97.00 | 100.00 | | | N | |
| 81.0 | 84.0 | 83.00 | 100.00 | | | N | |
| 84.0 | 87.0 | 93.00 | 100.00 | | | N | |
| 87.0 | 90.0 | 97.00 | 100.00 | | | N | |
| 90.0 | 93.0 | 100.00 | 100.00 | | | N | |
| 93.0 | 96.0 | 97.00 | 100.00 | | | N | |
| 96.0 | 99.0 | 92.00 | 100.00 | | | N | |
| 99.0 | 102.0 | 92.00 | 100.00 | | | N | |
| 102.0 | 105.0 | 97.00 | 100.00 | | | N | |
| 105.0 | 108.0 | 87.00 | 100.00 | | | N | |
| 108.0 | 111.0 | 98.00 | 100.00 | | | N | |
| 111.0 | 114.0 | 98.00 | 100.00 | | | N | |
| 114.0 | 117.0 | 100.00 | 100.00 | | | N | |
| 117.0 | 120.0 | 97.00 | 100.00 | | | N | |
| 120.0 | 123.0 | 100.00 | 100.00 | | | N | |
| 123.0 | 126.0 | 100.00 | 100.00 | | | N | |
| 126.0 | 129.0 | 100.00 | 100.00 | | | N | |
| 129.0 | 132.0 | 100.00 | 100.00 | | | N | |
| 132.0 | 135.0 | 100.00 | 100.00 | | | N | |
| 135.0 | 138.0 | 100.00 | 100.00 | | | N | |
| 138.0 | 141.0 | 97.00 | 100.00 | | | N | |
| 141.0 | 144.0 | 97.00 | 100.00 | | | N | |
| 144.0 | 147.0 | 97.00 | 100.00 | | | N | |
| 147.0 | 150.0 | 100.00 | 100.00 | | | N | |
| 150.0 | 153.0 | 95.00 | 100.00 | | | N | |
| 153.0 | 156.0 | 98.00 | 100.00 | | | N | |
| 156.0 | 159.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC19-536

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 159.0 | 162.0 | 100.00 | 100.00 | | | N | |
| 162.0 | 165.0 | 97.00 | 100.00 | | | N | |
| 165.0 | 168.0 | 98.00 | 100.00 | | | N | |
| 168.0 | 171.0 | 97.00 | 100.00 | | | N | |
| 171.0 | 174.0 | 95.00 | 100.00 | | | N | |
| 174.0 | 177.0 | 90.00 | 100.00 | | | N | |
| 177.0 | 180.0 | 83.00 | 100.00 | | | N | |
| 180.0 | 183.0 | 73.00 | 100.00 | | | N | |
| 183.0 | 186.0 | 90.00 | 100.00 | | | N | |
| 186.0 | 189.0 | 97.00 | 100.00 | | | N | |
| 189.0 | 192.0 | 90.00 | 100.00 | | | N | |
| 192.0 | 195.0 | 87.00 | 100.00 | | | N | |
| 195.0 | 198.0 | 97.00 | 100.00 | | | N | |
| 198.0 | 201.0 | 77.00 | 100.00 | | | N | |
| 201.0 | 204.0 | 93.00 | 100.00 | | | N | |
| 204.0 | 207.0 | 57.00 | 100.00 | | | N | |
| 207.0 | 210.0 | 97.00 | 100.00 | | | N | |
| 210.0 | 213.0 | 87.00 | 100.00 | | | N | |
| 213.0 | 216.0 | 95.00 | 100.00 | | | N | |
| 216.0 | 219.0 | 93.00 | 100.00 | | | N | |
| 219.0 | 222.0 | 100.00 | 100.00 | | | N | |
| 222.0 | 225.0 | 100.00 | 100.00 | | | N | |
| 225.0 | 228.0 | 80.00 | 100.00 | | | N | |
| 228.0 | 231.0 | 97.00 | 100.00 | | | N | |
| 231.0 | 234.0 | 93.00 | 100.00 | | | N | |
| 234.0 | 237.0 | 97.00 | 100.00 | | | N | |
| 237.0 | 240.0 | 95.00 | 100.00 | | | N | |
| 240.0 | 243.0 | 97.00 | 100.00 | | | N | |

**Hole number:** KLUC19-536

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 243.0 | 246.0 | 73.00 | 100.00 | | | N | |
| 246.0 | 249.0 | 60.00 | 100.00 | | | N | |
| 249.0 | 252.0 | 93.00 | 100.00 | | | N | |

AGNICO EAGLE

# DRILL HOLE REPORT

## EXPLORATION CANADA ONTARIO

**Hole number:** KLUC19-537 **Project Number:** U_Canada **Project name:** Upper Canada

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Historic hole number:** | | **Collar survey:** | Y | **From:** | 0.0 | **Coordinates:** | P |
| **System:** | METRIC | **Verified:** | N | **To:** | 408.0 | **Grid:** | UTM83-17_CSRS-2010: |
| **Target:** | UC_NORTHLAND | **Gas:** | N | **Depth:** | 408.0 | **North:** | 5,332,746.99 |
| **No. Claim:** | PAT-18821 | **Multishot survey:** | N | **Location:** | Surface | **East:** | 586,184.38 |
| **Year:** | 2 019 | **Is making water:** | N | **Core storage:** | Mine Site | **Elevation:** | 354.66 |
| **Date started:** | 2019-03-21 | **Object in hole:** | Y | **Contractor:** | Asinii Drilling | **Collar dip:** | -50.68 |
| **Date logged:** | 2019-04-06 | **Pulse EM survey:** | N | **Logged by:** | Monica Oosterman | **Collar azimuth:** | 344.34 |
| **Date completed:** | 2019-04-04 | **Plugged:** | Y | **Signature:** | Mélanie Bouchard | | |
| **Core size:** | NQ | **Cemented:** | Y | | | | |
| **Hole type:** | EXP | **Branch:** | N | | | | |
| **Casing:** | Capped and Plugged | **Reserve:** | N | | | | |
| **Logging status:** | Signed | | | | | | |
| **Rig number:** | 2501 | | | | | | |

**Additional sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Planned hole UCP19-025. Hole designed to test eastern extension on the Northland zone. Problems with chuck and water. Pump brock so had to go north to river ~500m. M.Bouchard logged 315-408m. Van ruth plug at 30m and 2x 40kg portland cement poured between 3-30m.

**Assay average**

| Average type | From | To | Length | Width | Zone | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Pb_ppm | Ni_ppm | As_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WEIGHTED | 144.5 | 158.0 | 13.5 | | UC_N_LAND | 0.749 | | | | | | |
| WEIGHTED | 163.5 | 165.2 | 1.7 | | UC_N_LAND | 1.131 | | | | | | |
| WEIGHTED | 169.0 | 170.5 | 1.5 | | UC_N_LAND | 2.140 | | | | | | |
| WEIGHTED | 357.5 | 359.0 | 1.5 | | | 1.545 | | | | | | |

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments | Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 344.34 | -50.68 | S | O | Surveyed dip and azimuth (true North) | 15.0 | 343.10 | -52.00 | EZ | O | 53841 |
| 45.0 | 343.00 | -51.70 | EZ | O | 53569 | 75.0 | 343.60 | -51.30 | EZ | O | 54331 |
| 105.0 | 342.70 | -51.20 | EZ | O | 54180 | 135.0 | 344.70 | -51.70 | EZ | O | 54555 |
| 165.0 | 344.40 | -51.40 | EZ | O | 54585 | 195.0 | 342.60 | -51.10 | EZ | O | 55496 |
| 225.0 | 343.70 | -51.30 | EZ | O | 54316 | 255.0 | 344.00 | -51.10 | EZ | O | 54300 |
| 285.0 | 348.30 | -51.30 | EZ | O | 55003 | 315.0 | 344.30 | -51.20 | EZ | O | 54337 |
| 345.0 | 353.90 | -51.20 | EZ | D | 39181 | 375.0 | 346.00 | -50.90 | EZ | O | 54830 |

## Hole number: KLUC19-537

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 405.0 | 343.70 | -50.90 | EZ | O | 54702 |

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|

| Certificate |
|---|
| TM19084630 |
| TM19084636 |
| TM19086759 |
| TM19090761 |
| TM19090766 |
| TM19092916 |
| TM19092919 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505D19-016 | Excaon1D | CAOND121746 - CAOND121918 |
| CXE5505D19-017 | Excaon1D | CAOND121919 - CAOND121982 |
| CXE5505D19-018 | Excaon1D | CAOND121983 - CAOND122034 |
| CXE5505D19-019 | Excaon1D | CAOND122035 - CAOND122200 |
| CXE5505D19-065 | Excaon1 | CAOND121927 - CAOND121928 |
| | | CAOND121955 |
| | | CAOND121964 |
| | | CAOND121990 |
| | | CAOND122019 |
| | | CAOND122068 |
| | | CAOND122142 |
| | | CAOND122157 |
| | | CAOND122173 |
| | | CAOND122181 |
| | | CAOND122208 |
| | | CAOND122232 |
| | | CAOND122241 |
| | | CAOND122253 |
| | | CAOND122265 - CAOND122266 |
| | | CAOND122285 |
| | | CAOND122291 |
| | | CAOND122298 |
| | | CAOND122317 |
| | | CAOND122334 |
| | | CAOND122351 |
| | | CAOND122371 |
| | | CAOND122378 |
| | | CAOND122384 |
| | | CAOND122420 |
| | | CAOND122424 |
| | | CAOND122438 |
| | | CAOND122442 |
| | | CAOND122455 |
| | | CAOND122476 |
| | | CAOND122491 |
| | | CAOND122512 |

| Sample number | Standard |
|---|---|
| CAOND121770 | BLANK-DB |
| CAOND121775 | CDN-GS-5W |
| CAOND121790 | CDN-CM-28-AEM |
| CAOND121815 | CDN-CM-27-AEM |
| CAOND121820 | BLANK-DB |
| CAOND121830 | CDN-GS-5W |
| CAOND121845 | CDN-CM-28-AEM |
| CAOND121860 | CDN-CM-27-AEM |
| CAOND121870 | BLANK-DB |
| CAOND121875 | CDN-GS-5W |
| CAOND121890 | CDN-CM-28-AEM |
| CAOND121915 | CDN-CM-27-AEM |
| CAOND121920 | BLANK-DB |
| CAOND121930 | CDN-GS-5W |
| CAOND121945 | CDN-CM-28-AEM |
| CAOND121960 | CDN-CM-27-AEM |
| CAOND121970 | BLANK-DB |
| CAOND121975 | CDN-GS-5W |
| CAOND121990 | CDN-CM-28-AEM |
| CAOND122015 | CDN-CM-27-AEM |
| CAOND122020 | BLANK-DB |
| CAOND122030 | CDN-GS-5W |
| CAOND122045 | CDN-CM-28-AEM |
| CAOND122060 | CDN-CM-27-AEM |
| CAOND122070 | BLANK-DB |
| CAOND122075 | CDN-GS-5W |
| CAOND122090 | CDN-CM-28-AEM |

**Hole number:** KLUC19-537

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND122526<br>CAOND122532<br>CAOND122536<br>CAOND122561<br>CAOND122568<br>CAOND122592<br>CAOND122664<br>CAOND122704<br>CAOND122718<br>CAOND122721<br>CAOND122765<br>CAOND122767<br>CAOND122776<br>CAOND122787<br>CAOND122792<br>CAOND122828<br>CAOND122839<br>CAOND122845<br>CAOND122854<br>CAOND122883<br>CAOND122908<br>CAOND122910<br>CAOND122932<br>CAOND122958<br>CAOND122965<br>CAOND122979<br>CAOND123067<br>CAOND123096<br>CAOND123119<br>CAOND123122<br>CAOND123135<br>CAOND123147 |
| CXE5505D19WRA-016 | Excaon2-WRA | CAOND119176 - CAOND119181 |
| CXE5505D19WRA-017 | Excaon2-WRA | CAOND119182 |
| CXE5505D19WRA-018 | Excaon2-WRA | CAOND119183 |

*The sample list may content samples from other holes

**Major:** **From:** 0.00 **To:** 3.00 OVB, Overburden

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS

0.00, 3.00, QtzCal, 90.00, 40.00, -, -, -, GRY_00025, 35.00, MAS, -, -, bullish quartz vein

**Hole number:** KLUC19-537

**Major:** **From:** 3.00 **To:** 62.00 V8mtl, Trachyte mafic tuff lapilli

Barren Mafic Lapilli tuff intercalated with minor tuffacous beds - Dark black matrix with pink fragments (0.5-3cmlong). 60% matrix and 40 % fragments. Fragments are angular and stretched along the folatioan at 40 degrees, the fragments are altered to hematite and calcite. Unit is strongly magnetic. Unit is weakly altered and weakly strained. Minor thin fracuture fill calcite which form irregularly thoughout unit. In general unit is barren with minor patches of disseminated sulphide. only one bulllish quartz vein noted in vein tab. Gradational contact.

**MINOR INTERVAL**

24.00 - 28.00: V8

**MINOR INTERVAL**

31.30 - 35.85: V8tTrachytic tuff non mineralized

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

26.00, 28.00, PYR, PAT, .50, -, FGR, isolated patches of disseminated pyrite

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

3.00, 62.00, HEM+, SEL, WEAK, PNK2_BASIC, VFG, -, pink colour of fragments, with calcite

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

3.00, 62.00, FOL, WEAK, 40.00, -, -, -, defined by alignement of fragments

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

3.00, 5.00, QtzCal, 90.00, 40.00, -, -, -, GRY_00025, 35.00, MAS, -, -, bullish quartz vein

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121761 | 3.0 | 4.5 | 1.5 | 0.008 | | | | 2.74 |
| CAOND121762 | 4.5 | 6.0 | 1.5 | 0.010 | | | | 2.75 |
| CAOND121763 | 6.0 | 7.5 | 1.5 | 0.013 | | | | 2.75 |
| CAOND121764 | 7.5 | 9.0 | 1.5 | 0.010 | | | | 2.74 |
| CAOND121765 | 9.0 | 10.5 | 1.5 | 0.010 | | | | 2.73 |
| CAOND121766 | 10.5 | 12.0 | 1.5 | 0.007 | | | | 2.74 |
| CAOND121767 | 12.0 | 13.5 | 1.5 | 0.003 | | | | 2.75 |
| CAOND121768 | 13.5 | 15.0 | 1.5 | 0.003 | | | | 2.76 |
| CAOND121769 | 15.0 | 16.5 | 1.5 | 0.003 | | | | 2.78 |
| CAOND121771 | 16.5 | 18.0 | 1.5 | 0.007 | | | | 2.76 |
| CAOND121772 | 18.0 | 19.5 | 1.5 | 0.012 | | | | 2.75 |
| CAOND121773 | 19.5 | 21.0 | 1.5 | 0.003 | | | | 2.77 |
| CAOND121774 | 21.0 | 22.5 | 1.5 | 0.003 | | | | 2.74 |
| CAOND121776 | 22.5 | 24.0 | 1.5 | 0.008 | | | | 2.74 |
| CAOND121777 | 24.0 | 25.0 | 1.0 | 0.020 | | | | 2.75 |
| CAOND121778 | 25.0 | 26.0 | 1.0 | 0.029 | | | | 2.74 |
| CAOND121779 | 26.0 | 27.0 | 1.0 | 0.014 | | | | 2.75 |
| CAOND121781 | 27.0 | 28.0 | 1.0 | 0.015 | | | | 2.74 |
| CAOND121782 | 28.0 | 29.5 | 1.5 | 0.019 | | | | 2.74 |
| CAOND121783 | 29.5 | 31.0 | 1.5 | 0.010 | | | | 2.75 |
| CAOND121784 | 31.0 | 32.5 | 1.5 | 0.003 | | | | 2.75 |
| CAOND121785 | 32.5 | 33.4 | 0.9 | 0.003 | | | | 2.76 |
| CAOND121786 | 33.4 | 33.8 | 0.4 | 0.003 | | | | 2.70 |
| CAOND121787 | 33.8 | 35.0 | 1.2 | 0.017 | | | | 2.76 |
| CAOND121788 | 35.0 | 36.5 | 1.5 | 0.012 | | | | 2.75 |
| CAOND121789 | 36.5 | 38.0 | 1.5 | 0.018 | | | | 2.75 |
| CAOND121791 | 38.0 | 39.5 | 1.5 | 0.010 | | | | 2.74 |
| CAOND121792 | 39.5 | 41.0 | 1.5 | 0.003 | | | | 2.74 |
| CAOND121793 | 41.0 | 42.5 | 1.5 | 0.003 | | | | 2.73 |
| CAOND121794 | 42.5 | 44.0 | 1.5 | 0.006 | | | | 2.75 |
| CAOND121795 | 44.0 | 45.5 | 1.5 | 0.003 | | | | 2.75 |
| CAOND121796 | 45.5 | 47.0 | 1.5 | 0.012 | | | | 2.76 |

**Hole number:** KLUC19-537

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121797 | 47.0 | 48.5 | 1.5 | 0.013 | | | | 2.75 |
| CAOND121798 | 48.5 | 50.0 | 1.5 | 0.020 | | | | 2.78 |
| CAOND121799 | 50.0 | 51.5 | 1.5 | 0.027 | | | | 2.78 |
| CAOND121801 | 51.5 | 53.0 | 1.5 | 0.003 | | | | 2.74 |
| CAOND121802 | 53.0 | 54.5 | 1.5 | 0.003 | | | | 2.74 |
| CAOND121803 | 54.5 | 56.0 | 1.5 | 0.007 | | | | 2.75 |
| CAOND121804 | 56.0 | 57.5 | 1.5 | 0.006 | | | | 2.75 |
| CAOND121805 | 57.5 | 59.0 | 1.5 | 0.003 | | | | 2.74 |
| CAOND121806 | 59.0 | 60.5 | 1.5 | 0.019 | | | | 2.74 |
| CAOND121807 | 60.5 | 62.0 | 1.5 | 0.047 | | | | 2.79 |

**Major:** **From:** 62.00 **To:** 103.80 S3, GRAUWACKE

Mineralized sediment : light gray to pink, non magnetic, homogenous, massive, Varies in colour becuase of alteration. minor quartz carbonate veins isolated and froming at 40 degrees. Hematite alteration is pervasive, thin hairlinanastomosing calcite fracture filling form through out unit. Chorite alteration also seen as whisps through out unit. Unit is moderately mineralized with mainly disseminated sulphide from 2-5%.

**MINOR INTERVAL**

93.80 - 94.30: S7EThin mudseam in sediments, aphantic, gray, non-magneitc, no sulphides. Sharp contacts at 40 degrees.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

73.40, 73.60, PYR, DIS, 5.00, -, FGR, increase in dissemianted sulhpide
74.60, 75.20, PYR, DIS, 5.00, -, FGR, disseminated and isolated blebs of pyrite
79.00, 87.50, PYR, DIS, 8.00, -, FGR, disseminated very fine grained dusting
89.20, 91.00, PYR, DIS, 3.00, -, FGR, dissemianted fine grained.
91.00, 92.70, PYR, DIS, 5.00, -, FGR, dissemianted and isolateed clusters of sulphides
100.90, 101.30, PYR, DIS, 10.00, -, FGR, Forms interstitial with chorilte.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

62.00, 63.00, HEM+, SEL, WEAK, PNK2_BASIC, VFG, -, pink colour of fragments, with calcite
87.50, 89.20, SER+, PEN, STRONG, GRY2_BASIC, VFG, -, bleaching of rock

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

62.00, 63.00, FOL, WEAK, 40.00, -, -, -, defined by alignement of fragments
68.28, 68.30, GGE, STRONG, 40.00, -, -, -, cm wide gauge
72.40, 76.00, FOL, MOD, 40.00, -, -, -, bands of pink and grey

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121808 | 62.0 | 63.5 | 1.5 | 0.040 | | | | 2.78 |
| CAOND121809 | 63.5 | 65.0 | 1.5 | 0.038 | | | | 2.78 |
| CAOND121810 | 65.0 | 66.2 | 1.2 | 0.038 | | | | 2.79 |
| CAOND121811 | 66.2 | 67.5 | 1.3 | 0.053 | | | | 2.78 |
| CAOND121812 | 67.5 | 69.0 | 1.5 | 0.047 | | | | 2.75 |
| CAOND121813 | 69.0 | 70.0 | 1.0 | 0.021 | | | | 2.73 |
| CAOND121814 | 70.0 | 71.4 | 1.4 | 0.024 | | | | 2.76 |
| CAOND121816 | 71.4 | 72.5 | 1.1 | 0.157 | | | | 2.74 |
| CAOND121817 | 72.5 | 73.4 | 0.9 | 0.029 | | | | 2.73 |
| CAOND121818 | 73.4 | 74.0 | 0.6 | 0.349 | | | | 2.72 |
| CAOND121819 | 74.0 | 75.2 | 1.2 | 0.287 | | | | 2.73 |
| CAOND121821 | 75.2 | 76.5 | 1.3 | 0.138 | | | | 2.73 |
| CAOND121822 | 76.5 | 78.0 | 1.5 | 0.066 | | | | 2.73 |
| CAOND121823 | 78.0 | 79.0 | 1.0 | 0.030 | | | | 2.72 |
| CAOND121824 | 79.0 | 80.5 | 1.5 | 0.046 | | | | 2.73 |
| CAOND121826 | 80.5 | 82.0 | 1.5 | 0.048 | | | | 2.73 |
| CAOND121827 | 82.0 | 83.5 | 1.5 | 0.074 | | | | 2.73 |
| CAOND121828 | 83.5 | 85.0 | 1.5 | 0.083 | | | | 2.73 |
| CAOND121829 | 85.0 | 86.5 | 1.5 | 0.080 | | | | 2.71 |
| CAOND121831 | 86.5 | 88.3 | 1.8 | 0.015 | | | | 2.67 |
| CAOND121832 | 88.3 | 89.2 | 0.9 | 0.012 | | | | 2.65 |
| CAOND121833 | 89.2 | 90.0 | 0.8 | 0.025 | | | | 2.76 |

**Hole number:** KLUC19-537

78.50, 81.30, FRA, MOD, 75.00, -, -, -, thin hairline fracture filling of calcite.

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
66.20, 71.40, QtzCal, 5.00, 40.00, -, -, -, GRY_00025, -, MAS, PYR, 1.00, Array of qaurtz and calcite veins. Form all at same angle. range from 1cm to 10 cm

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121834 | 90.0 | 91.0 | 1.0 | 0.014 | | | | 2.63 |
| CAOND121835 | 91.0 | 92.0 | 1.0 | 0.023 | | | | 2.69 |
| CAOND121836 | 92.0 | 92.7 | 0.7 | 0.017 | | | | 2.76 |
| CAOND121837 | 92.7 | 93.5 | 0.8 | 0.030 | | | | 2.73 |
| CAOND121838 | 93.5 | 94.3 | 0.8 | 0.040 | | | | 2.68 |
| CAOND121839 | 94.3 | 95.5 | 1.2 | 0.019 | | | | 2.67 |
| CAOND121840 | 95.5 | 97.0 | 1.5 | 0.023 | | | | 2.70 |
| CAOND121841 | 97.0 | 98.5 | 1.5 | 0.026 | | | | 2.64 |
| CAOND121842 | 98.5 | 100.0 | 1.5 | 0.043 | | | | 2.67 |
| CAOND121843 | 100.0 | 100.9 | 0.9 | 0.047 | | | | 2.70 |
| CAOND121844 | 100.9 | 101.3 | 0.4 | 0.068 | | | | 2.78 |
| CAOND121846 | 101.3 | 102.5 | 1.2 | 0.104 | | | | 2.68 |
| CAOND121847 | 102.5 | 103.8 | 1.3 | 0.035 | | | | 2.70 |

**Major:** **From:** 103.80 **To:** 106.00 I2Dp, Porphyritic Syenite

Mineralized porphoritic syenite - deep brick red (hematite alteration), with white course grained feldspar crystals. Matrix dominante with 80% matrix and 20% feldspars. Disseminated sulphide form through out at ~5%. lower contact is wavy at 90 degrees.

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
103.80, 103.81, LWC, -, 50.00, -, -, -, sharp

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121848 | 103.8 | 105.0 | 1.2 | 0.085 | | | | 2.69 |
| CAOND121849 | 105.0 | 106.0 | 1.0 | 0.059 | | | | 2.68 |

**Major:** **From:** 106.00 **To:** 124.90 S3, GRAUWACKE

Weakly mineralized sediment - light pink, massive, non magnetic, fine grained, granular, uniform, 1% disseminated pyrite. Unit is very blockly, low angle fractures. wisps of chlorite. Pervasive hematite alteration. Brocken blocky lower contact

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
106.00, 106.01, LWC, -, 90.00, -, -, -, sharp wavy contact
112.00, 124.90, BRR, MOD, 20.00, -, -, -, low angle cause blocky ground

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121851 | 106.0 | 107.5 | 1.5 | 0.026 | | | | 2.69 |
| CAOND121852 | 107.5 | 109.0 | 1.5 | 0.037 | | | | 2.61 |
| CAOND121853 | 109.0 | 110.5 | 1.5 | 0.188 | | | | 2.62 |
| CAOND121854 | 110.5 | 112.0 | 1.5 | 0.016 | | | | 2.64 |
| CAOND121855 | 112.0 | 113.5 | 1.5 | 0.065 | | | | 2.64 |
| CAOND121856 | 113.5 | 115.0 | 1.5 | 0.023 | | | | 2.63 |
| CAOND121857 | 115.0 | 116.5 | 1.5 | 0.016 | | | | 2.61 |
| CAOND121858 | 116.5 | 118.0 | 1.5 | 0.025 | | | | 2.62 |
| CAOND121859 | 118.0 | 119.5 | 1.5 | 0.015 | | | | 2.63 |
| CAOND121861 | 119.5 | 121.0 | 1.5 | 0.011 | | | | 2.61 |
| CAOND121862 | 121.0 | 122.5 | 1.5 | 0.027 | | | | 2.65 |
| CAOND121863 | 122.5 | 124.0 | 1.5 | 0.036 | | | | 2.63 |

## Hole number: KLUC19-537

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121864 | 124.0 | 124.9 | 0.9 | 0.081 | | | | 2.69 |

**Major: From:** 124.90 **To:** 130.00 I2Dp, Porphyritic Syenite

Weakly mineralized porphoritic syenite - deep brick red (hematite alteration), with white course grained feldspar crystals. Matrix dominante with 80% matrix and 20% feldspars. 1% clotts of pyrite and minor disseminated sulphide. lower contact is sharp and irregular 60 degrees.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121865 | 124.9 | 126.5 | 1.6 | 0.054 | | | | 2.68 |
| CAOND121866 | 126.5 | 128.0 | 1.5 | 0.085 | | | | 2.71 |
| CAOND121867 | 128.0 | 129.0 | 1.0 | 0.069 | | | | 2.69 |
| CAOND121868 | 129.0 | 130.0 | 1.0 | 0.178 | | | | 2.75 |

**Major: From:** 130.00 **To:** 134.30 S1, CONGLOMÉRAT

Strongly mineralized Conglomerate: Reddish green, multi-coloured, Weakly magnetic with patches of strong magnetism. Polymitic, rounded clasts, clast supported. Cubic disseminated suphide in matrix, up to 5%, some sulphides wrap clasts.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121869 | 130.0 | 131.5 | 1.5 | 0.225 | | | | 2.76 |
| CAOND121871 | 131.5 | 133.0 | 1.5 | 0.228 | | | | 2.74 |
| CAOND121872 | 133.0 | 134.3 | 1.3 | 0.157 | | | | 2.77 |

**Major: From:** 134.30 **To:** 140.00 V8Gs, Trachyte green spotted

Mineralized greenspotted/ mafic syenite intrusive (no green spots - epidote alteraiton): Dark green black, massive, porphyrtic amphiboles in chloritized mafic matrix. 70% fine grained matrix and 30 % prismatic well shaped course grained amphibole crystals. Amphibole xtls are randomly oriented. unit is weakly to moderately magnetic. Weak pervasive chorite alteration. Mineraliztion varies from disseminated to stringers, 3-8%.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

134.30, 136.50, PYR, DIS, 1.00, -, MGR, disseminated and minor clotts
136.50, 136.50, PYR, DIS, 8.00, -, MGR, Evenly disseminated suphide
136.50, 137.50, PYR, DIS, 3.00, -, MGR, evenly disseminated
137.50, 138.70, PYR, STG, 5.00, -, MGR, Thin fracture filling stringers with disseminated pyrite
138.70, 140.00, PYR, DIS, 1.00, -, MGR, evenly disseminated

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121873 | 134.3 | 135.6 | 1.3 | 0.127 | | | | 2.87 |
| CAOND121874 | 135.6 | 136.5 | 0.9 | 0.040 | | | | 2.88 |
| CAOND121876 | 136.5 | 138.7 | 2.2 | 0.024 | | | | 2.90 |
| CAOND121877 | 138.7 | 140.0 | 1.3 | 0.022 | | | | 2.85 |

**Major: From:** 140.00 **To:** 240.90 S1, CONGLOMÉRAT

Strongly mineralized Conglomerate: Reddish green, multi-coloured, Weakly magnetic with patches of strong magnetism. Polymitic, rounded clasts, clast supported. Cubic disseminated suphide in matrix, up to 1-5%, some sulphides wrap clasts.

**MINOR INTERVAL**

163.60 - 165.20: V8GsSame as above

**MINOR INTERVAL**

219.00 - 221.90: S3

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

140.00, 189.00, PYR, DIS, 5.00, -, MGR, , minor stingers of chalcopyrite
144.30, 144.31, MAG, FRF, .10, -, FGR, Fracture fill of specularite forms at 40 degrees.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121878 | 140.0 | 141.5 | 1.5 | 0.118 | | | | 2.72 |
| CAOND121879 | 141.5 | 143.0 | 1.5 | 0.426 | | | | 2.79 |
| CAOND121881 | 143.0 | 144.5 | 1.5 | 0.465 | | | | 2.79 |
| CAOND121882 | 144.5 | 146.0 | 1.5 | 0.564 | | | | 2.80 |
| CAOND121883 | 146.0 | 147.5 | 1.5 | 0.860 | | | | 2.77 |
| CAOND121884 | 147.5 | 149.0 | 1.5 | 0.588 | | | | 2.78 |
| CAOND121885 | 149.0 | 150.5 | 1.5 | 0.790 | | | | 2.76 |
| CAOND121886 | 150.5 | 152.0 | 1.5 | 0.331 | | | | 2.78 |
| CAOND121887 | 152.0 | 153.5 | 1.5 | 0.718 | | | | 2.77 |

**Hole number:** KLUC19-537

166.50, 167.50, PYR, STG, .50, -, -, massive stringer 0.5cmwide
186.50, 186.51, PYR, STG, -, -, FGR, 1cm wide stringer of massive sulphide.
189.00, 240.90, PYR, DIS, .50, -, MGR, disseminated and wrap clasts

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
170.00, 171.70, EPD+, FRF, WEAK, GRN2_BASIC, FGR, -, minor 1 cm late fracture filling which cross cut fragments.

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS
178.80, 179.00, QTZ, 80.00, 40.00, -, -, -, GRY_00025, -, MAS, -, -, bullish vein

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121888 | 153.5 | 155.0 | 1.5 | 1.155 | | | | 2.80 |
| CAOND121889 | 155.0 | 156.5 | 1.5 | 1.010 | | | | 2.81 |
| CAOND121891 | 156.5 | 158.0 | 1.5 | 0.729 | | | | 2.77 |
| CAOND121892 | 158.0 | 159.5 | 1.5 | 0.235 | | | | 2.36 |
| CAOND121893 | 159.5 | 161.0 | 1.5 | 0.168 | | | | 2.77 |
| CAOND121894 | 161.0 | 162.0 | 1.0 | 0.250 | | | | 2.81 |
| CAOND121895 | 162.0 | 163.5 | 1.5 | 0.190 | | | | 2.79 |
| CAOND121896 | 163.5 | 164.4 | 0.9 | 0.620 | | | | 2.93 |
| CAOND121897 | 164.4 | 165.2 | 0.8 | 1.705 | | | | 2.86 |
| CAOND121898 | 165.2 | 166.5 | 1.3 | 0.197 | | | | 2.77 |
| CAOND121899 | 166.5 | 167.5 | 1.0 | 0.270 | | | | 2.78 |
| CAOND121901 | 167.5 | 169.0 | 1.5 | 0.090 | | | | 2.78 |
| CAOND121902 | 169.0 | 170.5 | 1.5 | 2.140 | | | | 2.78 |
| CAOND121903 | 170.5 | 172.0 | 1.5 | 0.217 | | | | 2.66 |
| CAOND121904 | 172.0 | 173.0 | 1.0 | 0.125 | | | | 2.76 |
| CAOND121905 | 173.0 | 174.0 | 1.0 | 0.168 | | | | 2.73 |
| CAOND121906 | 174.0 | 175.5 | 1.5 | 0.191 | | | | 2.72 |
| CAOND121907 | 175.5 | 177.0 | 1.5 | 0.475 | | | | 2.75 |
| CAOND121908 | 177.0 | 178.5 | 1.5 | 0.149 | | | | 2.72 |
| CAOND121909 | 178.5 | 180.0 | 1.5 | 0.097 | | | | 2.72 |
| CAOND121910 | 180.0 | 181.5 | 1.5 | 0.137 | | | | 2.71 |
| CAOND121911 | 181.5 | 183.0 | 1.5 | 0.123 | | | | 2.70 |
| CAOND121912 | 183.0 | 184.5 | 1.5 | 0.171 | | | | 2.70 |
| CAOND121913 | 184.5 | 186.0 | 1.5 | 0.124 | | | | 2.69 |
| CAOND121914 | 186.0 | 187.0 | 1.0 | 0.260 | | | | 2.73 |
| CAOND121916 | 187.0 | 188.5 | 1.5 | 0.085 | | | | 2.73 |
| CAOND121917 | 188.5 | 190.0 | 1.5 | 0.287 | | | | 2.75 |
| CAOND121918 | 190.0 | 191.5 | 1.5 | 0.172 | | | | 2.77 |
| CAOND121919 | 191.5 | 193.0 | 1.5 | 0.156 | | | | 2.76 |
| CAOND121921 | 193.0 | 194.5 | 1.5 | 0.061 | | | | 2.77 |
| CAOND121922 | 194.5 | 196.0 | 1.5 | 0.076 | | | | 2.79 |
| CAOND121923 | 196.0 | 197.0 | 1.0 | 0.073 | | | | 2.79 |
| CAOND121924 | 197.0 | 198.0 | 1.0 | 0.087 | | | | 2.79 |

**Hole number:** KLUC19-537

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121926 | 198.0 | 199.5 | 1.5 | 0.088 | | | | 2.79 |
| CAOND121927 | 199.5 | 201.0 | 1.5 | 0.042 | | | | 2.77 |
| CAOND121928 | 201.0 | 202.5 | 1.5 | 0.073 | | | | 2.76 |
| CAOND121929 | 202.5 | 204.0 | 1.5 | 0.122 | | | | 2.78 |
| CAOND121931 | 204.0 | 205.5 | 1.5 | 0.116 | | | | 2.76 |
| CAOND121932 | 205.5 | 207.0 | 1.5 | 0.119 | | | | 2.74 |
| CAOND121933 | 207.0 | 208.5 | 1.5 | 0.040 | | | | 2.72 |
| CAOND121934 | 208.5 | 210.0 | 1.5 | 0.097 | | | | 2.70 |
| CAOND121935 | 210.0 | 211.5 | 1.5 | 0.048 | | | | 2.71 |
| CAOND121936 | 211.5 | 213.0 | 1.5 | 0.051 | | | | 2.72 |
| CAOND121937 | 213.0 | 214.5 | 1.5 | 0.046 | | | | 2.71 |
| CAOND121938 | 214.5 | 216.0 | 1.5 | 0.074 | | | | 2.74 |
| CAOND121939 | 216.0 | 217.5 | 1.5 | 0.088 | | | | 2.74 |
| CAOND121940 | 217.5 | 219.0 | 1.5 | 0.050 | | | | 2.71 |
| CAOND121941 | 219.0 | 220.0 | 1.0 | 0.026 | | | | 2.66 |
| CAOND121942 | 220.0 | 221.0 | 1.0 | 0.045 | | | | 2.67 |
| CAOND121943 | 221.0 | 221.9 | 0.9 | 0.056 | | | | 2.69 |
| CAOND121944 | 221.9 | 223.0 | 1.1 | 0.081 | | | | 2.69 |
| CAOND121946 | 223.0 | 224.5 | 1.5 | 0.035 | | | | 2.68 |
| CAOND121947 | 224.5 | 226.0 | 1.5 | 0.074 | | | | 2.70 |
| CAOND121948 | 226.0 | 227.5 | 1.5 | 0.068 | | | | 2.78 |
| CAOND121949 | 227.5 | 229.0 | 1.5 | 0.067 | | | | 2.74 |
| CAOND121951 | 229.0 | 230.5 | 1.5 | 0.069 | | | | 2.73 |
| CAOND121952 | 230.5 | 232.0 | 1.5 | 0.037 | | | | 2.70 |
| CAOND121953 | 232.0 | 233.5 | 1.5 | 0.037 | | | | 2.71 |
| CAOND121954 | 233.5 | 235.0 | 1.5 | 0.032 | | | | 2.69 |
| CAOND121955 | 235.0 | 236.5 | 1.5 | 0.028 | | | | 2.72 |
| CAOND121956 | 236.5 | 238.0 | 1.5 | 0.041 | | | | 2.02 |
| CAOND121957 | 238.0 | 239.5 | 1.5 | 0.025 | | | | 2.70 |
| CAOND121958 | 239.5 | 240.9 | 1.4 | 0.024 | | | | 2.71 |

**Major:** **From:** 240.90 **To:** 248.20 S3, GRAUWACKE

Weakly mineralized sediment - light pink, massive, non magnetic, fine grained, granular, uniform, 1% disseminated pyrite. Unit is very blockly, low angle fractures. Pervasive hematite alteration. Brocken

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121959 | 240.9 | 242.0 | 1.1 | 0.013 | | | | 2.65 |
| CAOND121961 | 242.0 | 243.5 | 1.5 | 0.018 | | | | 2.74 |

## Hole number: KLUC19-537

blocky lower contact

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

247.00, 248.20, BRR, -, -, -, -, -, Blocking error in this unit. stretched out samples. Poor RQD

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121962 | 243.5 | 245.0 | 1.5 | 0.039 | | | | 2.67 |
| CAOND121963 | 245.0 | 246.0 | 1.0 | 0.021 | | | | 2.65 |
| CAOND121964 | 246.0 | 247.0 | 1.0 | 0.023 | | | | 2.62 |
| CAOND121965 | 247.0 | 248.0 | 1.0 | 0.066 | | | | 2.65 |
| CAOND121966 | 248.0 | 249.5 | 1.5 | 0.048 | | | | 2.52 |

**Major: From:** 248.20 **To:** 252.80 I2Dp, Porphyritic Syenite

Mineralized porphoritic syenite - deep brick red (hematite alteration), with white course grained feldspar crystals. Matrix dominante with 80% matrix and 20% feldspars. Disseminated sulphide form through out at ~0.5%.

**MINOR INTERVAL**

249.50 - 249.90: S1

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

248.20, 252.00, BRR, -, -, -, -, -, Blocking error in this unit. stretched out samples. Poor RQD

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121967 | 249.5 | 250.5 | 1.0 | 0.018 | | | | 2.61 |
| CAOND121968 | 250.5 | 251.5 | 1.0 | 0.034 | | | | 2.62 |
| CAOND121969 | 251.5 | 252.8 | 1.3 | 0.054 | | | | 2.66 |

**Major: From:** 252.80 **To:** 261.30 S1, CONGLOMÉRAT

moderately mineralized Conglomerate: Reddish green, multi-coloured, Weakly magnetic with patches of strong magnetism. Polymytic, rounded clasts, clast supported. ragged blebby pyrite in matrix, up to 1%, some sulphides wrap clasts.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

257.30, 258.00, PYR, BBY, 3.00, -, MGR, Ragged clots of sulphide

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121971 | 252.8 | 254.5 | 1.7 | 0.017 | | | | 2.71 |
| CAOND121972 | 254.5 | 256.0 | 1.5 | 0.063 | | | | 2.70 |
| CAOND121973 | 256.0 | 257.3 | 1.3 | 0.023 | | | | 2.72 |
| CAOND121974 | 257.3 | 258.0 | 0.7 | 0.193 | | | | 2.74 |
| CAOND121976 | 258.0 | 259.5 | 1.5 | 0.026 | | | | 2.68 |
| CAOND121977 | 259.5 | 260.5 | 1.0 | 0.026 | | | | 2.71 |
| CAOND121978 | 260.5 | 261.3 | 0.8 | 0.087 | | | | 2.76 |

**Major: From:** 261.30 **To:** 268.00 S3, GRAUWACKE

Mineralized sediment/possible intrusive : light pink, non magnetic, homogenous, massive, pitted. Medium grained diffuse grains, possible course grained wacke layer. irregular wavy fractures infilled with chlorite. Weakly mineralized disseminatd pyrite 0.5%. Blocky core.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

262.00, 268.00, PYR, DIS, 1.00, -, VFG, Dusting of pyrite

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

261.50, 262.00, BRR, -, -, -, -, -, poor Rqd

266.80, 268.00, BRR, -, -, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121979 | 261.3 | 262.0 | 0.7 | 0.037 | | | | 2.74 |
| CAOND121981 | 262.0 | 263.5 | 1.5 | 0.039 | | | | 2.70 |
| CAOND121982 | 263.5 | 265.0 | 1.5 | 0.039 | | | | 2.68 |
| CAOND121983 | 265.0 | 266.5 | 1.5 | 0.016 | | | | 2.62 |
| CAOND121984 | 266.5 | 268.0 | 1.5 | 0.030 | | | | 2.58 |

## Hole number: KLUC19-537

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
261.30, 262.00, QTZ, 3.00, 0.00, -, -, -, GRY_00025, .50, MAS, -, -, low angle stringer which bisects core

**Major: From:** 268.00 **To:** 279.50 S1, CONGLOMÉRAT

moderately mineralized Conglomerate: Reddish green, multi-coloured, Weakly magnetic with patches of strong magnetism. Polymitic, rounded clasts, clast supported. Barren, odd bleb of pyrite.

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
270.00, 277.50, BRR, -, -, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121985 | 268.0 | 269.5 | 1.5 | 0.014 | | | | 2.71 |
| CAOND121986 | 269.5 | 271.0 | 1.5 | 0.033 | | | | 2.70 |
| CAOND121987 | 271.0 | 272.5 | 1.5 | 0.023 | | | | 2.68 |
| CAOND121988 | 272.5 | 274.0 | 1.5 | 0.009 | | | | 2.67 |
| CAOND121989 | 274.0 | 275.5 | 1.5 | 0.172 | | | | 2.67 |
| CAOND121991 | 275.5 | 277.0 | 1.5 | 0.013 | | | | 2.62 |
| CAOND121992 | 277.0 | 278.5 | 1.5 | 0.022 | | | | 2.60 |
| CAOND121993 | 278.5 | 279.5 | 1.0 | 0.075 | | | | 2.73 |

**Major: From:** 279.50 **To:** 297.00 S3, GRAUWACKE

Sediment : Pink, non magnetic, homogenous, massive, granular, finegrained. Hematite alteration is pervasive, Array of quartz stringers 1%t. Unit is weakly mineralized with mainly disseminated sulphide from 0.5%. 286-297 array of quartz of thin white quartz veins, 0.5cm wides, fracture filling? 296.8m massive pyrite stringer 0.5cmwide.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
281.90, 283.50, PYR, BBY, 1.00, -, MGR, rounded blebs 0.3cm wide
295.90, 295.91, PYR, STG, 100.00, -, FGR, massive stringer 0.5 cm wide froming at 40 degrees. isolated stringer only one seen

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
286.60, 297.00, QTZ, 5.00, 40.00, -, -, -, GRY_00025, .30, MAS, -, -, Array of thin quartz veins appear to form in late fractures. Variable angles oblique to eachother

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND121994 | 279.5 | 281.0 | 1.5 | 0.011 | | | | 2.61 |
| CAOND121995 | 281.0 | 281.9 | 0.9 | 0.089 | | | | 2.68 |
| CAOND121996 | 281.9 | 282.5 | 0.6 | 0.114 | | | | 2.74 |
| CAOND121997 | 282.5 | 284.0 | 1.5 | 0.017 | | | | 2.68 |
| CAOND121998 | 284.0 | 285.5 | 1.5 | 0.008 | | | | 2.66 |
| CAOND121999 | 285.5 | 286.6 | 1.1 | 0.007 | | | | 2.67 |
| CAOND122001 | 286.6 | 288.0 | 1.4 | 0.007 | | | | 2.66 |
| CAOND122002 | 288.0 | 289.5 | 1.5 | 0.003 | | | | 2.64 |
| CAOND122003 | 289.5 | 291.0 | 1.5 | 0.023 | | | | 2.65 |
| CAOND122004 | 291.0 | 292.5 | 1.5 | 0.003 | | | | 2.64 |
| CAOND122005 | 292.5 | 294.0 | 1.5 | 0.008 | | | | 2.64 |
| CAOND122006 | 294.0 | 295.5 | 1.5 | 0.003 | | | | 2.65 |
| CAOND122007 | 295.5 | 296.0 | 0.5 | 0.037 | | | | 2.69 |
| CAOND122008 | 296.0 | 297.0 | 1.0 | 0.011 | | | | 2.67 |

**Major: From:** 297.00 **To:** 344.20 I2Dmp, Syenite mafic porphyryitic

Feldspar/amphibole phyric syentite - Dark pink purple, Massive, strongly magnetic, uniform, porphyritic, non mineralized to weakly mineralized. Undeformed. 30% well formed medium grained feldspar crystals (euhdral), and 10% fine grained amphibole crystals (euhedral). Matrix is fine grained. Contact zone from 297 to 302.5m crystals subhedral, poorly formed porphycrysts. More groundmass

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122009 | 297.0 | 298.5 | 1.5 | 0.027 | | | | 2.73 |
| CAOND122010 | 298.5 | 300.0 | 1.5 | 0.016 | | | | 2.75 |
| CAOND122011 | 300.0 | 301.5 | 1.5 | 0.024 | | | | 2.71 |

**Hole number:** KLUC19-537

dominated. Blocky fault zone form 314-319.5m Hematite alteration pervasive in matrix. Barren sulphides

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

297.00, 297.50, MAG, FRF, .50, -, FGR, low angle fractures infilled with hairline specularite

338.40, 338.50, CPY, PAT, .50, -, VFG, Irregular patchy Cp mineralization

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

314.00, 344.20, BRR, -, -, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122012 | 301.5 | 302.5 | 1.0 | 0.017 | | | | 2.71 |
| CAOND122013 | 302.5 | 304.0 | 1.5 | 0.025 | | | | 2.70 |
| CAOND122014 | 304.0 | 305.5 | 1.5 | 0.013 | | | | 2.68 |
| CAOND122016 | 305.5 | 307.0 | 1.5 | 0.003 | | | | 2.67 |
| CAOND122017 | 307.0 | 308.5 | 1.5 | 0.006 | | | | 2.67 |
| CAOND122018 | 308.5 | 310.0 | 1.5 | 0.006 | | | | 2.67 |
| CAOND122019 | 310.0 | 311.5 | 1.5 | 0.006 | | | | 2.67 |
| CAOND122021 | 311.5 | 313.0 | 1.5 | 0.118 | | | | 2.69 |
| CAOND122022 | 313.0 | 314.5 | 1.5 | 0.017 | | | | 2.71 |
| CAOND122023 | 314.5 | 316.0 | 1.5 | 0.034 | | | | 2.67 |
| CAOND122024 | 316.0 | 317.5 | 1.5 | 0.035 | | | | 2.57 |
| CAOND122026 | 317.5 | 319.0 | 1.5 | 0.039 | | | | 2.72 |
| CAOND122027 | 319.0 | 320.5 | 1.5 | 0.074 | | | | 2.69 |
| CAOND122028 | 320.5 | 322.0 | 1.5 | 0.008 | | | | 2.70 |
| CAOND122029 | 322.0 | 323.5 | 1.5 | 0.021 | | | | 2.68 |
| CAOND122031 | 323.5 | 325.0 | 1.5 | 0.009 | | | | 2.63 |
| CAOND122032 | 325.0 | 326.5 | 1.5 | 0.010 | | | | 2.66 |
| CAOND122033 | 326.5 | 328.0 | 1.5 | 0.057 | | | | 2.63 |
| CAOND122034 | 328.0 | 329.5 | 1.5 | 0.049 | | | | 2.68 |
| CAOND122035 | 329.5 | 331.0 | 1.5 | 0.008 | | | | 2.68 |
| CAOND122036 | 331.0 | 332.5 | 1.5 | 0.013 | | | | 2.65 |
| CAOND122037 | 332.5 | 334.0 | 1.5 | 0.036 | | | | 2.67 |
| CAOND122038 | 334.0 | 335.5 | 1.5 | 0.018 | | | | 2.65 |
| CAOND122039 | 335.5 | 337.0 | 1.5 | 0.013 | | | | 2.62 |
| CAOND122040 | 337.0 | 338.5 | 1.5 | 0.007 | | | | 2.61 |
| CAOND122041 | 338.5 | 340.0 | 1.5 | 0.025 | | | | 2.64 |
| CAOND122042 | 340.0 | 341.5 | 1.5 | 0.033 | | | | 2.68 |
| CAOND122043 | 341.5 | 343.0 | 1.5 | 0.017 | | | | 2.63 |
| CAOND122044 | 343.0 | 344.2 | 1.2 | 0.059 | | | | 2.65 |

**Major:** **From:** 344.20 **To:** 361.10 S, Roches sédimentaires indéterminées

Composition: Medium purplish red and purplish grey, fine grained, homogeneous and equigranular, 2-3% 10-15cm thick intervals containing 70-80% polylithic rounded pebbles; S - sediments. Magnetism: Weak to moderately magnetic. Veinning: Less than 1% mm scale qtz and cal veinning. Structure: Undeformed, weakly fractured Alteration: Unaltered? Mineralization: 0.5-1% fine grained patchy Py

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122046 | 344.2 | 345.5 | 1.3 | 0.019 | | | | 2.64 |
| CAOND122047 | 345.5 | 347.0 | 1.5 | 0.011 | | | | 2.62 |
| CAOND122048 | 347.0 | 348.5 | 1.5 | 0.011 | | | | 2.63 |

**Hole number:** KLUC19-537

mineralization occuring over 10cm thick intervals. Lower Contact: Irregular and faint.

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

344.20, 361.10, BRR, WEAK, -, -, -, -, Weak to locally moderate broken/fractured core

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122049 | 348.5 | 350.0 | 1.5 | 0.014 | | | | 2.64 |
| CAOND122051 | 350.0 | 351.5 | 1.5 | 0.015 | | | | 2.63 |
| CAOND122052 | 351.5 | 353.0 | 1.5 | 0.020 | | | | 2.63 |
| CAOND122053 | 353.0 | 354.5 | 1.5 | 0.015 | | | | 2.63 |
| CAOND122054 | 354.5 | 356.0 | 1.5 | 0.018 | | | | 2.61 |
| CAOND122055 | 356.0 | 357.5 | 1.5 | 0.015 | | | | 2.62 |
| CAOND122056 | 357.5 | 359.0 | 1.5 | 1.545 | | | | 2.63 |
| CAOND122057 | 359.0 | 360.0 | 1.0 | 0.062 | | | | 2.66 |
| CAOND122058 | 360.0 | 361.1 | 1.1 | 0.049 | | | | 2.69 |

**Major: From:** 361.10 **To:** 367.00 I2Dmp, Syenite mafic porphyryitic

Composition: Medium to dark purplish grey, 2-3% fine grained amp crystals and 5-10% fine grained feldspar phenocrysts, poprhyritic texture; I2Dmp - Syenite mafic porphyry. Magnetism: Non magnetic. Veinning: 1-2% mm scale microfracture controlled chaotic qtz, qtz-cal and qtz-cal-chl veinlets Structure: Weak chaotic microfracturing and broken core. Alteration: Microfractured controlled calcite alteration. Mineralization: No mineralization observed. Lower Contact: Sharp? occuring interval of broken core.

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

361.10, 367.00, BRR, WEAK, -, -, -, -, Weak broken/fractured core

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122059 | 361.1 | 362.5 | 1.4 | 0.011 | | | | 2.68 |
| CAOND122061 | 362.5 | 364.0 | 1.5 | 0.005 | | | | 2.72 |
| CAOND122062 | 364.0 | 365.0 | 1.0 | 0.006 | | | | 2.52 |
| CAOND122063 | 365.0 | 366.0 | 1.0 | 0.007 | | | | 2.68 |
| CAOND122064 | 366.0 | 367.0 | 1.0 | 0.024 | | | | 2.68 |

**Major: From:** 367.00 **To:** 369.70 S, Roches sédimentaires indéterminées

Composition: Medium pinkish and purplish grey, fine grained, massive and homogeneous; S - Sediments. Magnetism: Non magnetic. Veinning: Rare microfracture filled qtz and cal veinlets. Structure: Undeformed. Alteration: Unaltered? Mineralization: No mineralization observed. Lower Contact: Sharp slightly irregular contact, oriented at 90 TCA

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

367.00, 369.70, BRR, WEAK, -, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122065 | 367.0 | 368.0 | 1.0 | 0.005 | | | | 2.67 |
| CAOND122066 | 368.0 | 369.0 | 1.0 | 0.006 | | | | 2.61 |
| CAOND122067 | 369.0 | 369.7 | 0.7 | 0.003 | | | | 2.60 |

**Major: From:** 369.70 **To:** 371.50 I2Dp, Porphyritic Syenite

Composition: Medium orangish brown matrix with 15% white fine to medium grained feldspar phenocrysts, porphyritic texture; I2Dp - syenite porphyry. Magnetism: Non magnetic. Veinning: 1x 0.5cm thick qtz vein with clustered Py at contact. Structure: Moderate to strongly broken/fractured core. Alteration: Unknown, pervasive Se + Kspar alteration? Mineralization: Unmineralized with the expection of 0.5cm thick parallel cluster of 70% diss. Py. Lower Contact: Sharp? contact occuring in interval of strongly broken.

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122068 | 369.7 | 370.5 | 0.8 | 0.003 | | | | 2.59 |
| CAOND122069 | 370.5 | 371.5 | 1.0 | 0.052 | | | | 2.58 |

**Hole number:** KLUC19-537

369.70, 371.50, BRR, STRONG, -, -, -, -, -

**Major:** **From:** 371.50 **To:** 408.00 S1, CONGLOMÉRAT

Composition: Various colours, pebble supported (dominantly round to subrounded and 1cm up to 8cm in size), 5-10% fine grained homogeneous matrix, polylithic conglomerate with minor (2-3%) 10-30cm thick matrix dominant intervals; S1 - Conglomerate. Magnetism: Dominantly non magnetic with local weak and moderately magnetic intervals. Veinning: 1-2% microfracture controlled qtz and cal veinlets. Structure: Moderate to locally strong broken/fractured core. Alteration: Variable. Mineralization: Less than 1% disseminated and clustered PY gradually increasing to 5-8% towards end of hole. Lower Contact: Not reached.

**MINOR INTERVAL**

383.00 - 386.00: SMinor bed of fine grained, homogeneous and massive sediments within conglomerate unit. No more pebbles

**MINOR INTERVAL**

386.00 - 398.80: SMinor unit of fine grained and massive sediment with 5% randomly distributed pebbles and chaotic and irregular colour patches.

**MINOR INTERVAL**

398.80 - 400.30: I2DpComposition: Dark purple fine grained matrix with 20-25% fine grained anhedral feldspar phenocrysts, porphyritic texture; I2Dp - Syenite porphyry. Magnetism: Non magnetic. Veinning: Less than 1% microfracture controlled qtz veinlets. Structure: Moderate to strongly broken/fractured core. Alteration: Unaltered? Mineralization: 5-8% very fine grained dissemianted PY. Lower Contact: Sharp? borken/fractured.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

386.00, 398.80, PYR, DIS, 1.00, -, -, 1-2% fine grained dissemianted Py occuring in clusters in matrix and in pebbles

398.80, 400.30, PYR, DIS, 5.00, -, VFG, 5-8% very fine graiend dissemianted PY mineralization occuring in porphyry intrusion

400.30, 408.00, PYR, PAT, 10.00, -, VFG, 10% very fine and fine grained dissemianted and clustered PY mineralization occuring in dominantly matrix but also observed in pebbles

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

371.50, 408.00, BRR, MOD, -, -, -, -, Moderately broken/fracture core with minor strongly broken intervals

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

398.40, 398.50, PYR, 30.00, -, -, -, -, -, -, -, PYR, 25.00, 6cm thick interval containing multiple 1-2mm thick veinlets with 80-90% medium and coarse grained to massive Py and qtz

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122071 | 371.5 | 373.0 | 1.5 | 0.017 | | | | 2.49 |
| CAOND122072 | 373.0 | 374.5 | 1.5 | 0.012 | | | | 2.58 |
| CAOND122073 | 374.5 | 376.0 | 1.5 | 0.019 | | | | 2.56 |
| CAOND122074 | 376.0 | 377.5 | 1.5 | 0.037 | | | | 2.63 |
| CAOND122076 | 377.5 | 379.0 | 1.5 | 0.010 | | | | 2.64 |
| CAOND122077 | 379.0 | 380.5 | 1.5 | 0.008 | | | | 2.70 |
| CAOND122078 | 380.5 | 382.0 | 1.5 | 0.019 | | | | 2.69 |
| CAOND122079 | 382.0 | 383.5 | 1.5 | 0.016 | | | | 2.63 |
| CAOND122081 | 383.5 | 385.0 | 1.5 | 0.049 | | | | 2.57 |
| CAOND122082 | 385.0 | 386.5 | 1.5 | 0.044 | | | | 2.63 |
| CAOND122083 | 386.5 | 388.0 | 1.5 | 0.021 | | | | 2.71 |
| CAOND122084 | 388.0 | 389.5 | 1.5 | 0.030 | | | | 2.69 |
| CAOND122085 | 389.5 | 391.0 | 1.5 | 0.019 | | | | 2.66 |
| CAOND122086 | 391.0 | 392.5 | 1.5 | 0.058 | | | | 2.83 |
| CAOND122087 | 392.5 | 394.0 | 1.5 | 0.072 | | | | 2.69 |
| CAOND122088 | 394.0 | 395.5 | 1.5 | 0.162 | | | | 2.60 |
| CAOND122089 | 395.5 | 397.0 | 1.5 | 0.090 | | | | 2.63 |
| CAOND122091 | 397.0 | 398.0 | 1.0 | 0.041 | | | | 2.65 |
| CAOND122092 | 398.0 | 398.8 | 0.8 | 0.140 | | | | 2.66 |
| CAOND122093 | 398.8 | 400.3 | 1.5 | 0.071 | | | | 2.62 |
| CAOND122094 | 400.3 | 401.5 | 1.2 | 0.084 | | | | 2.61 |
| CAOND122095 | 401.5 | 403.0 | 1.5 | 0.153 | | | | 2.67 |
| CAOND122096 | 403.0 | 404.5 | 1.5 | 0.211 | | | | 2.62 |
| CAOND122097 | 404.5 | 406.0 | 1.5 | 0.082 | | | | 3.01 |
| CAOND122098 | 406.0 | 407.0 | 1.0 | 0.132 | | | | 2.69 |
| CAOND122099 | 407.0 | 408.0 | 1.0 | 0.106 | | | | 2.65 |

## Hole number: KLUC19-537

**Geochemical sample**

| Sample | From | To | Ag gpt | Al2O3 Pct | Ba ppm | CaO Pct | Cu ppm | CO2 Pct | Cr ppm | Fe2O3 Pct | K2O Pct | LOI pct | MgO pct | MnO pct | Mo ppm | Na2O pct | Ni ppm | P2O5 pct |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Pb ppm | Rb ppm | SiO2 pct | Sr ppm | Tb ppm | Tm ppm | TiO2 pct | Tl ppm | Total pct | U ppm | V ppm | W ppm | Y ppm | Yb ppm | Zn ppm | Zr ppm |
| CAOND119176 | 27.0 | 27.1 | 0.6 | 15.65 | 1,505.00 | 5.13 | 68.00 | | 40.00 | 8.01 | 4.01 | 5.5 | 3.6 | 0.2 | 1.0 | 4.0 | 16.0 | 0.4 |
| | | | 13.0 | 117.5 | 51.8 | 731.0 | 0.86 | 0.38 | 0.7 | 5.00 | 99.1 | 2.3 | 288.0 | 1.0 | 24.6 | 2.4 | 102.0 | 150.0 |
| CAOND119177 | 57.0 | 57.1 | 0.3 | 14.60 | 1,525.00 | 6.37 | 60.00 | | 60.00 | 7.55 | 3.50 | 6.7 | 3.8 | 0.2 | 0.5 | 3.9 | 20.0 | 0.4 |
| | | | 11.0 | 88.8 | 50.2 | 1 050.0 | 0.86 | 0.33 | 0.6 | 10.00 | 98.1 | 2.5 | 172.0 | 3.0 | 22.3 | 2.2 | 106.0 | 165.0 |
| CAOND119178 | 74.1 | 74.2 | 0.3 | 15.90 | 235.00 | 4.34 | 29.00 | | 40.00 | 5.31 | 0.61 | 5.0 | 2.3 | 0.1 | 1.0 | 7.3 | 14.0 | 0.3 |
| | | | 14.0 | 30.0 | 57.9 | 670.0 | 0.67 | 0.30 | 0.5 | 5.00 | 99.5 | 3.5 | 110.0 | 5.0 | 20.1 | 2.1 | 62.0 | 192.0 |
| CAOND119179 | 85.1 | 85.2 | 0.3 | 15.80 | 1,540.00 | 4.37 | 7.00 | | 60.00 | 4.06 | 4.00 | 4.8 | 2.1 | 0.1 | 7.0 | 5.5 | 15.0 | 0.2 |
| | | | 13.0 | 86.1 | 57.5 | 882.0 | 0.51 | 0.27 | 0.4 | 5.00 | 99.1 | 3.4 | 128.0 | 5.0 | 15.6 | 1.5 | 44.0 | 167.0 |
| CAOND119180 | 107.0 | 107.2 | 0.3 | 10.45 | 1,415.00 | 2.13 | 25.00 | | 110.00 | 6.11 | 7.73 | 3.6 | 2.1 | 0.1 | 38.0 | 0.1 | 81.0 | 0.1 |
| | | | 8.0 | 170.5 | 66.7 | 521.0 | 0.33 | 0.16 | 0.3 | 5.00 | 99.6 | 1.4 | 98.0 | 4.0 | 9.4 | 1.0 | 33.0 | 134.0 |
| CAOND119181 | 123.2 | 123.3 | 0.3 | 11.95 | 1,155.00 | 2.61 | 7.00 | | 130.00 | 3.22 | 9.34 | 2.5 | 1.6 | 0.0 | 5.0 | 0.2 | 37.0 | 0.1 |
| | | | 6.0 | 207.0 | 66.1 | 255.0 | 0.28 | 0.13 | 0.4 | 5.00 | 98.1 | 1.6 | 81.0 | 3.0 | 9.4 | 0.9 | 24.0 | 127.0 |
| CAOND119182 | 325.6 | 325.7 | 0.3 | 16.85 | 1,300.00 | 2.47 | 61.00 | | 30.00 | 4.34 | 4.02 | 1.9 | 1.4 | 0.0 | 5.0 | 6.8 | 11.0 | 0.2 |
| | | | 1.0 | 85.9 | 59.6 | 548.0 | 0.47 | 0.22 | 0.4 | 5.00 | 98.1 | 3.3 | 122.0 | 5.0 | 14.1 | 1.6 | 20.0 | 161.0 |
| CAOND119183 | 348.7 | 349.0 | 0.3 | 10.35 | 868.00 | 1.40 | 31.00 | | 100.00 | 2.86 | 8.63 | 1.2 | 1.4 | 0.0 | 8.0 | 0.2 | 43.0 | 0.1 |
| | | | 3.0 | 156.0 | 71.7 | 189.0 | 0.29 | 0.17 | 0.4 | 5.00 | 98.3 | 1.4 | 69.0 | 4.0 | 9.5 | 1.0 | 26.0 | 78.0 |

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 3.0 | 6.0 | 87.00 | 100.00 | | | N | |
| 6.0 | 9.0 | 87.00 | 100.00 | | | N | |
| 9.0 | 12.0 | 87.00 | 100.00 | | | N | |
| 12.0 | 15.0 | 90.00 | 100.00 | | | N | |
| 15.0 | 18.0 | 97.00 | 100.00 | | | N | |
| 18.0 | 21.0 | 90.00 | 100.00 | | | N | |
| 21.0 | 24.0 | 93.00 | 100.00 | | | N | |
| 24.0 | 27.0 | 90.00 | 100.00 | | | N | |
| 27.0 | 30.0 | 97.00 | 100.00 | | | N | |

**Hole number:** KLUC19-537

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 30.0 | 33.0 | 100.00 | 100.00 | | | N | |
| 33.0 | 36.0 | 93.00 | 100.00 | | | N | |
| 36.0 | 39.0 | 98.00 | 100.00 | | | N | |
| 39.0 | 42.0 | 98.00 | 100.00 | | | N | |
| 42.0 | 45.0 | 98.00 | 100.00 | | | N | |
| 45.0 | 48.0 | 100.00 | 100.00 | | | N | |
| 48.0 | 51.0 | 95.00 | 100.00 | | | N | |
| 51.0 | 54.0 | 98.00 | 100.00 | | | N | |
| 54.0 | 57.0 | 98.00 | 100.00 | | | N | |
| 57.0 | 60.0 | 100.00 | 100.00 | | | N | |
| 60.0 | 63.0 | 98.00 | 100.00 | | | N | |
| 63.0 | 66.0 | 97.00 | 100.00 | | | N | |
| 66.0 | 69.0 | 67.00 | 100.00 | | | N | |
| 69.0 | 72.0 | 87.00 | 100.00 | | | N | |
| 72.0 | 75.0 | 100.00 | 100.00 | | | N | |
| 75.0 | 78.0 | 100.00 | 100.00 | | | N | |
| 78.0 | 81.0 | 98.00 | 100.00 | | | N | |
| 81.0 | 84.0 | 100.00 | 100.00 | | | N | |
| 84.0 | 87.0 | 77.00 | 100.00 | | | N | |
| 87.0 | 90.0 | 98.00 | 100.00 | | | N | |
| 90.0 | 93.0 | 98.00 | 100.00 | | | N | |
| 93.0 | 96.0 | 95.00 | 100.00 | | | N | |
| 96.0 | 99.0 | 95.00 | 100.00 | | | N | |
| 99.0 | 102.0 | 98.00 | 100.00 | | | N | |
| 102.0 | 105.0 | 98.00 | 100.00 | | | N | |
| 105.0 | 108.0 | 90.00 | 100.00 | | | N | |
| 108.0 | 111.0 | 87.00 | 100.00 | | | N | |
| 111.0 | 114.0 | 63.00 | 100.00 | | | N | |

**Hole number:** KLUC19-537

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 114.0 | 117.0 | 60.00 | 100.00 | | | N | |
| 117.0 | 120.0 | 50.00 | 100.00 | | | N | |
| 120.0 | 123.0 | 50.00 | 100.00 | | | N | |
| 123.0 | 126.0 | 27.00 | 100.00 | | | N | |
| 126.0 | 129.0 | 87.00 | 100.00 | | | N | |
| 129.0 | 132.0 | 73.00 | 100.00 | | | N | |
| 132.0 | 135.0 | 60.00 | 100.00 | | | N | |
| 135.0 | 138.0 | 85.00 | 100.00 | | | N | |
| 138.0 | 141.0 | 80.00 | 100.00 | | | N | |
| 141.0 | 144.0 | 92.00 | 100.00 | | | N | |
| 144.0 | 147.0 | 98.00 | 100.00 | | | N | |
| 147.0 | 150.0 | 90.00 | 100.00 | | | N | |
| 150.0 | 153.0 | 100.00 | 100.00 | | | N | |
| 153.0 | 156.0 | 97.00 | 100.00 | | | N | |
| 156.0 | 159.0 | 98.00 | 100.00 | | | N | |
| 159.0 | 162.0 | 100.00 | 100.00 | | | N | |
| 162.0 | 165.0 | 95.00 | 100.00 | | | N | |
| 165.0 | 168.0 | 98.00 | 100.00 | | | N | |
| 168.0 | 171.0 | 83.00 | 100.00 | | | N | |
| 171.0 | 174.0 | 90.00 | 100.00 | | | N | |
| 174.0 | 177.0 | 98.00 | 100.00 | | | N | |
| 177.0 | 180.0 | 98.00 | 100.00 | | | N | |
| 180.0 | 183.0 | 100.00 | 100.00 | | | N | |
| 183.0 | 186.0 | 70.00 | 100.00 | | | N | |
| 186.0 | 189.0 | 50.00 | 100.00 | | | N | |
| 189.0 | 192.0 | 80.00 | 100.00 | | | N | |
| 192.0 | 195.0 | 80.00 | 100.00 | | | N | |
| 195.0 | 198.0 | 90.00 | 100.00 | | | N | |

**Hole number:** KLUC19-537

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 198.0 | 201.0 | 87.00 | 100.00 | | | N | |
| 201.0 | 204.0 | 70.00 | 100.00 | | | N | |
| 204.0 | 207.0 | 87.00 | 100.00 | | | N | |
| 207.0 | 210.0 | 77.00 | 100.00 | | | N | |
| 210.0 | 213.0 | 70.00 | 100.00 | | | N | |
| 213.0 | 216.0 | 67.00 | 100.00 | | | N | |
| 216.0 | 219.0 | 90.00 | 100.00 | | | N | |
| 219.0 | 222.0 | 23.00 | 100.00 | | | N | |
| 222.0 | 225.0 | 43.00 | 100.00 | | | N | |
| 225.0 | 228.0 | 41.00 | 100.00 | | | N | |
| 228.0 | 231.0 | 50.00 | 100.00 | | | N | |
| 231.0 | 234.0 | 53.00 | 100.00 | | | N | |
| 234.0 | 237.0 | 67.00 | 100.00 | | | N | |
| 237.0 | 240.0 | 67.00 | 100.00 | | | N | |
| 240.0 | 243.0 | 47.00 | 100.00 | | | N | |
| 243.0 | 246.0 | 17.00 | 100.00 | | | N | |
| 246.0 | 249.0 | 12.00 | 100.00 | | | N | |
| 249.0 | 252.0 | 8.00 | 100.00 | | | N | |
| 252.0 | 255.0 | 3.00 | 100.00 | | | N | |
| 255.0 | 258.0 | 37.00 | 100.00 | | | N | |
| 258.0 | 261.0 | 97.00 | 100.00 | | | N | |
| 261.0 | 264.0 | 90.00 | 100.00 | | | N | |
| 264.0 | 267.0 | 63.00 | 100.00 | | | N | |
| 267.0 | 270.0 | 53.00 | 100.00 | | | N | |
| 270.0 | 273.0 | 50.00 | 100.00 | | | N | |
| 273.0 | 276.0 | 47.00 | 100.00 | | | N | |
| 276.0 | 279.0 | 43.00 | 100.00 | | | N | |
| 279.0 | 282.0 | 97.00 | 100.00 | | | N | |

**Hole number:** KLUC19-537

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 282.0 | 285.0 | 90.00 | 100.00 | | | N | |
| 285.0 | 288.0 | 90.00 | 100.00 | | | N | |
| 288.0 | 291.0 | 87.00 | 100.00 | | | N | |
| 291.0 | 294.0 | 90.00 | 100.00 | | | N | |
| 294.0 | 297.0 | 100.00 | 100.00 | | | N | |
| 297.0 | 300.0 | 98.00 | 100.00 | | | N | |
| 300.0 | 303.0 | 90.00 | 100.00 | | | N | |
| 303.0 | 306.0 | 97.00 | 100.00 | | | N | |
| 306.0 | 309.0 | 40.00 | 100.00 | | | N | |
| 309.0 | 312.0 | 27.00 | 100.00 | | | N | |
| 312.0 | 315.0 | 30.00 | 100.00 | | | N | |
| 315.0 | 318.0 | 13.00 | 100.00 | | | N | |
| 318.0 | 321.0 | 23.00 | 100.00 | | | N | |
| 321.0 | 324.0 | 27.00 | 100.00 | | | N | |
| 324.0 | 327.0 | 27.00 | 100.00 | | | N | |
| 327.0 | 330.0 | 13.00 | 100.00 | | | N | |
| 330.0 | 333.0 | 58.00 | 100.00 | | | N | |
| 333.0 | 336.0 | 55.00 | 100.00 | | | N | |
| 336.0 | 339.0 | 7.00 | 100.00 | | | N | |
| 339.0 | 342.0 | 53.00 | 100.00 | | | N | |
| 342.0 | 345.0 | 33.00 | 100.00 | | | N | |
| 345.0 | 348.0 | 43.00 | 100.00 | | | N | |
| 348.0 | 351.0 | 70.00 | 100.00 | | | N | |
| 351.0 | 354.0 | 63.00 | 100.00 | | | N | |
| 354.0 | 357.0 | 40.00 | 100.00 | | | N | |
| 357.0 | 360.0 | 63.00 | 100.00 | | | N | |
| 360.0 | 363.0 | 78.00 | 100.00 | | | N | |
| 363.0 | 366.0 | 48.00 | 100.00 | | | N | |

**Hole number:** KLUC19-537

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 366.0 | 369.0 | 17.00 | 100.00 | | | N | |
| 369.0 | 372.0 | 7.00 | 100.00 | | | N | |
| 372.0 | 375.0 | 45.00 | 100.00 | | | N | |
| 375.0 | 378.0 | 43.00 | 100.00 | | | N | |
| 378.0 | 381.0 | 55.00 | 100.00 | | | N | |
| 381.0 | 384.0 | 57.00 | 100.00 | | | N | |
| 384.0 | 387.0 | 23.00 | 100.00 | | | N | |
| 387.0 | 390.0 | 47.00 | 100.00 | | | N | |
| 390.0 | 393.0 | 57.00 | 100.00 | | | N | |
| 393.0 | 396.0 | 17.00 | 100.00 | | | N | |
| 396.0 | 399.0 | 47.00 | 100.00 | | | N | |
| 399.0 | 402.0 | 3.00 | 100.00 | | | N | |
| 402.0 | 405.0 | 17.00 | 100.00 | | | N | |
| 405.0 | 408.0 | 63.00 | 100.00 | | | N | |

AGNICO EAGLE

# DRILL HOLE REPORT

## EXPLORATION CANADA ONTARIO

**Hole number:** KLUC19-538 **Project Number:** U_Canada **Project name:** Upper Canada

| | |
|---|---|
| **Historic hole number:** | |
| **System:** | METRIC |
| **Target:** | UC_C_ZONE |
| **No. Claim:** | PAT-18834 |
| **Year:** | 2 019 |
| **Date started:** | 2019-04-06 |
| **Date logged:** | 2019-04-21 |
| **Date completed:** | 2019-04-18 |
| **Core size:** | NQ |
| **Hole type:** | EXP |
| **Casing:** | Left in Hole, capped |
| **Logging status:** | Signed |
| **Rig number:** | 2501 |

| | |
|---|---|
| **Collar survey:** | Y |
| **Verified:** | N |
| **Gas:** | N |
| **Multishot survey:** | N |
| **Is making water:** | N |
| **Object in hole:** | N |
| **Pulse EM survey:** | N |
| **Plugged:** | Y |
| **Cemented:** | Y |
| **Branch:** | N |
| **Reserve:** | N |

| | |
|---|---|
| **From:** | 0.0 |
| **To:** | 739.0 |
| **Depth:** | 739.0 |
| **Location:** | Surface |
| **Core storage:** | Mine Site |
| **Contractor:** | Asinii Drilling |
| **Logged by:** | Melanie Bouchard |
| **Signature:** | Mélanie Bouchard |

| | |
|---|---|
| **Coordinates:** | P |
| **Grid:** | UTM83-17_CSRS-2010: |
| **North:** | 5,331,927.86 |
| **East:** | 586,181.45 |
| **Elevation:** | 327.82 |
| **Collar dip:** | -59.94 |
| **Collar azimuth:** | 299.46 |

**Additional sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Proposed hole: UCP18-070. New and improved Asinii II drill Rig: 2501. Targeting: C-Zone

**Assay average**

| Average type | From | To | Length | Width | Zone | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Pb_ppm | Ni_ppm | As_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WEIGHTED | 403.5 | 405.0 | 1.5 | | | 2.250 | | | | | | |
| WEIGHTED | 417.0 | 418.0 | 1.0 | | | 3.250 | | | | | | |
| WEIGHTED | 454.5 | 456.0 | 1.5 | | | 17.350 | | | | | | |
| WEIGHTED | 475.5 | 478.5 | 3.0 | | UC_C_ZONE | 1.648 | | | | | | |

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 301.00 | -60.00 | PLANNED | | Planned direction |
| 0.0 | 301.71 | -60.92 | R | | North Seeking Reflex EZ-Gyro |
| 51.0 | 306.60 | -59.90 | EZ | | 54057 |
| 75.0 | 304.20 | -60.00 | EZ | | 53388 |
| 105.0 | 306.10 | -59.90 | EZ | | 53925 |
| 135.0 | 308.60 | -59.10 | EZ | | 53989 |
| 165.0 | 309.00 | -58.30 | EZ | | 54214 |

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 299.46 | -59.94 | S | O | Surveyed dip and azimuth (true North) |
| 30.0 | 302.46 | -60.27 | R | O | North Seeking Reflex EZ-Gyro |
| 60.0 | 303.12 | -59.95 | R | O | North Seeking Reflex EZ-Gyro |
| 90.0 | 303.95 | -60.08 | R | O | North Seeking Reflex EZ-Gyro |
| 120.0 | 307.24 | -59.48 | R | O | North Seeking Reflex EZ-Gyro |
| 150.0 | 308.24 | -58.55 | R | O | North Seeking Reflex EZ-Gyro |
| 180.0 | 308.43 | -57.98 | R | O | North Seeking Reflex EZ-Gyro |

## Hole number: KLUC19-538

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 195.0 | 313.30 | -57.90 | EZ | | 53260 |
| 225.0 | 312.50 | -57.50 | EZ | | 54330 |
| 255.0 | 312.60 | -57.10 | EZ | | 54644 |
| 285.0 | 313.60 | -56.00 | EZ | | 54488 |
| 315.0 | 315.30 | -55.40 | EZ | | 54700 |
| 345.0 | 353.10 | -54.90 | EZ | | 46974 |
| 375.0 | 312.40 | -54.80 | EZ | | 54638 |
| 405.0 | 315.30 | -54.20 | EZ | | 56895 |
| 435.0 | 314.20 | -53.70 | EZ | | 52727 |
| 465.0 | 309.00 | -53.40 | EZ | | 52223 |
| 495.0 | 318.30 | -53.10 | EZ | | 53139 |
| 525.0 | 310.00 | -52.70 | EZ | | 54014 |
| 555.0 | 312.80 | -52.50 | EZ | | 53752 |
| 585.0 | 311.80 | -52.20 | EZ | | 53348 |
| 615.0 | 312.70 | -52.10 | EZ | | 53277 |
| 645.0 | 315.90 | -51.70 | EZ | | 53468 |
| 675.0 | 316.20 | -51.50 | EZ | | 53913 |
| 705.0 | 316.60 | -51.20 | EZ | | 54155 |
| 210.0 | 310.59 | -57.68 | R | O | North Seeking Reflex EZ-Gyro |
| 240.0 | 310.51 | -57.27 | R | O | North Seeking Reflex EZ-Gyro |
| 270.0 | 311.21 | -56.40 | R | O | North Seeking Reflex EZ-Gyro |
| 300.0 | 313.08 | -55.80 | R | O | North Seeking Reflex EZ-Gyro |
| 330.0 | 314.60 | -55.27 | R | O | North Seeking Reflex EZ-Gyro |
| 360.0 | 313.27 | -54.83 | R | O | North Seeking Reflex EZ-Gyro |
| 390.0 | 314.63 | -54.42 | R | O | North Seeking Reflex EZ-Gyro |
| 420.0 | 314.82 | -54.01 | R | O | North Seeking Reflex EZ-Gyro |
| 450.0 | 314.40 | -53.70 | R | O | North Seeking Reflex EZ-Gyro |
| 480.0 | 316.52 | -53.32 | R | O | North Seeking Reflex EZ-Gyro |
| 510.0 | 315.38 | -52.93 | R | O | North Seeking Reflex EZ-Gyro |
| 540.0 | 315.24 | -52.61 | R | O | North Seeking Reflex EZ-Gyro |
| 570.0 | 315.82 | -52.26 | R | O | North Seeking Reflex EZ-Gyro |
| 600.0 | 315.12 | -52.06 | R | O | North Seeking Reflex EZ-Gyro |
| 630.0 | 315.07 | -52.04 | R | O | North Seeking Reflex EZ-Gyro |
| 660.0 | 316.55 | -51.70 | R | O | North Seeking Reflex EZ-Gyro |
| 690.0 | 316.12 | -51.39 | R | O | North Seeking Reflex EZ-Gyro |
| 720.0 | 316.91 | -50.97 | R | O | North Seeking Reflex EZ-Gyro |

| Certificate |
|---|
| TM19092916 |
| TM19096304 |
| TM19098281 |
| TM19102978 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505D19-019 | Excaon1D | CAOND122035 - CAOND122200 |
| CXE5505D19-020 | Excaon1D | CAOND122201 - CAOND122453 |
| CXE5505D19-021 | Excaon1D | CAOND122454 - CAOND122557 |
| CXE5505D19-022 | Excaon1D | CAOND122558 - CAOND122621 |
| CXE5505D19-065 | Excaon1 | CAOND121927 - CAOND121928<br>CAOND121955<br>CAOND121964<br>CAOND121990<br>CAOND122019<br>CAOND122068<br>CAOND122142<br>CAOND122157<br>CAOND122173<br>CAOND122181 |

| Sample number | Standard |
|---|---|
| CAOND122115 | CDN-CM-27-AEM |
| CAOND122120 | BLANK-DB |
| CAOND122130 | CDN-GS-5W |
| CAOND122145 | CDN-CM-28-AEM |
| CAOND122160 | CDN-CM-27-AEM |
| CAOND122170 | BLANK-DB |
| CAOND122175 | CDN-GS-5W |
| CAOND122190 | CDN-CM-28-AEM |
| CAOND122215 | CDN-CM-27-AEM |
| CAOND122220 | BLANK-DB |
| CAOND122230 | CDN-GS-5W |
| CAOND122245 | CDN-CM-28-AEM |

**Hole number:** KLUC19-538

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND122208 |
| | | CAOND122232 |
| | | CAOND122241 |
| | | CAOND122253 |
| | | CAOND122265 - CAOND122266 |
| | | CAOND122285 |
| | | CAOND122291 |
| | | CAOND122298 |
| | | CAOND122317 |
| | | CAOND122334 |
| | | CAOND122351 |
| | | CAOND122371 |
| | | CAOND122378 |
| | | CAOND122384 |
| | | CAOND122420 |
| | | CAOND122424 |
| | | CAOND122438 |
| | | CAOND122442 |
| | | CAOND122455 |
| | | CAOND122476 |
| | | CAOND122491 |
| | | CAOND122512 |
| | | CAOND122526 |
| | | CAOND122532 |
| | | CAOND122536 |
| | | CAOND122561 |
| | | CAOND122568 |
| | | CAOND122592 |
| | | CAOND122664 |
| | | CAOND122704 |
| | | CAOND122718 |
| | | CAOND122721 |
| | | CAOND122765 |
| | | CAOND122767 |
| | | CAOND122776 |
| | | CAOND122787 |
| | | CAOND122792 |
| | | CAOND122828 |
| | | CAOND122839 |
| | | CAOND122845 |
| | | CAOND122854 |
| | | CAOND122883 |
| | | CAOND122908 |

| Sample number | Standard |
|---|---|
| CAOND122260 | CDN-CM-27-AEM |
| CAOND122270 | BLANK-DB |
| CAOND122275 | CDN-GS-5W |
| CAOND122290 | CDN-CM-28-AEM |
| CAOND122315 | CDN-CM-27-AEM |
| CAOND122320 | BLANK-DB |
| CAOND122330 | CDN-GS-5W |
| CAOND122345 | CDN-CM-28-AEM |
| CAOND122360 | CDN-CM-27-AEM |
| CAOND122370 | BLANK-DB |
| CAOND122375 | CDN-GS-5W |
| CAOND122390 | CDN-CM-28-AEM |
| CAOND122415 | CDN-CM-27-AEM |
| CAOND122420 | BLANK-DB |
| CAOND122430 | CDN-GS-5W |
| CAOND122445 | CDN-CM-28-AEM |
| CAOND122460 | CDN-CM-27-AEM |
| CAOND122470 | BLANK-DB |
| CAOND122475 | CDN-GS-5W |
| CAOND122490 | CDN-CM-28-AEM |
| CAOND122515 | CDN-CM-27-AEM |
| CAOND122520 | BLANK-DB |
| CAOND122530 | CDN-GS-5W |
| CAOND122545 | CDN-CM-28-AEM |
| CAOND122560 | CDN-CM-27-AEM |
| CAOND122570 | BLANK-DB |
| CAOND122575 | CDN-GS-5W |
| CAOND122590 | CDN-CM-28-AEM |
| CAOND122615 | CDN-CM-27-AEM |
| CAOND122620 | BLANK-DB |

**Hole number:** KLUC19-538

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND122910 |
| | | CAOND122932 |
| | | CAOND122958 |
| | | CAOND122965 |
| | | CAOND122979 |
| | | CAOND123067 |
| | | CAOND123096 |
| | | CAOND123119 |
| | | CAOND123122 |
| | | CAOND123135 |
| | | CAOND123147 |

*The sample list may content samples from other holes

**Major:** **From:** 0.00 **To:** 34.10 OVB, Overburden

Overburden/casing

**Major:** **From:** 34.10 **To:** 46.40 S, Roches sédimentaires indéterminées

Composition: Dark green and dark grey with parallel white parallel whisps; S - sediment. Magnetism: Moderate to strongly magnetic Veinning: 2% irregular qtz veinning 10-20cm thick and 30% parallel, mm scale calcite veinlets. Structure: Moderate parallel deformation oriented at 40-50 TCA. Alteration: Moderate white calcite alteration occuring as parallel mm scale lenses Mineralization: 0.5% local clusters of disseminated very fine grained Py. 47.8m = 1% fgr. euhedral disseminated PY. Lower Contact: Lost core interval between this unit and next.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

34.10, 46.40, PYR, DIS, .50, -, VFG, 0.5% very fine grained disseminated PY mineralization

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

34.10, 46.40, CAL+, STG, MOD, -, -, -, Moderate parallel mm scale spotted and stringers of calcite alteration throughout

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

34.10, 46.40, DFZ, MOD, 40.00, -, -, -, Moderate parallel deformation at 40-50 TCA

34.10, 46.40, FOL, MOD, 40.00, -, -, -, Moderare foliation at 40-50 TCA

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

35.40, 35.60, QtzCalChl, 100.00, -, -, -, -, -, -, -, -, -, 15cm thick white qutz vein with 10% cal-chl, irregular but sharp contacts

39.80, 40.00, QtzCalChl, 75.00, -, -, -, -, -, -, -, -, -, 75% deformed white to pale grey qtz-cal-chl

**Hole number:** KLUC19-538

veinning
44.00, 44.10, QtzCalChl, 60.00, -, -, -, -, -, -, -, -, -, 6cm thick qtz-cal-chl vein with slightly irregular contacts. oriented parallel to deformation

**Major:** **From:** 46.40 **To:** 48.00 CNR, Core Not Recovered

Core not recovered/core lost. Adjacant to kimberlite interval

**Major:** **From:** 48.00 **To:** 85.90 I4P, Kimberlite

Composition: Variable shades of greenish grey, grey and white; 50% fine grained poorly lithified and grumbly matrix and 50% angular fragments of various litholigies, 2% 10-20cm thick cherty intervals with local 1.3m thick cherty interval; I4P - Kimberlite. Magnetism: Patchy magnetism varying between weak and moderate. Veinning: None Structure: None, core is extremely fragile and crumbly Alteration: None Mineralization: None Lower Contact: Sharp oriented at 40 TCA Minor Units: 55.5-55.7m = cherty unit 58.6-59.4m = lost core 59.8-60m =cherty unit 71.6-71.7m = chery unit

**MINOR INTERVAL**

58.60 - 59.40: CNRCore not recovered/core lost

**MINOR INTERVAL**

59.70 - 70.00: S10Composition: Medium grey, massive and brecciated intervals; S10 - Chert. Magnetism: None. Veinning: None. Structure: Moderate brecciation and fragmenting. Alteration: Silicified. Mineralization: None. Lower Contact: Sharp but crumbled and grinded.

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
48.00, 85.90, GGE, -, -, -, -, -, -

**Major:** **From:** 85.90 **To:** 287.70 S, Roches sédimentaires indéterminées

Composition: Dark bluish grey and medium to dark greenish grey gradually changing to medium green with minor medium pink patches locally, fine grained, moderately deformed; 1-2% and 2-3% random rounded to deformed pebbles; S- Sediments. Magnetism: Patchy - weak, moderate and strong. Veinning: 25% parallel and whispy calcite veinlets and 5% irregular and chaotic qtz-cal veinning. Structure: Moderate paralell deformation oriented at 40-50 TCA. Local intervals 10-20cm thick containning cm thick chaotic folding and sudden changes in orientation of foliation. Alteration: Moderate patchy and stringer of calcite alteration. Mineralization: 0.5-1% very fine and fine grained dissemianted PY occuring in clusters over 10-20cm thick interval. Lower Contact: Sharp and relatively straight; oriented at 40 TCA 126-142m = 1-2% gradually increasing to 15% pebbles of various compositions. Starting as rounded and undeformed but changing to strongly flattened and elongated between 137-142m. 210-222m = textures become more massive, parallel calcite veinning and alteration diminishes and deformation and foliation becomes weak. 222-229.5m = Alteration style and type changes, gradual introduction of patchy Se? alteration. Deformation becomes chaotic with random intervals that have weak parallel foliation at shallow angles (10-30 TCA). 229.5-232m = Colour and alteration type appears to suddenly change but deformation intensity and orientation remains the same. Possible minor unit of alkaline unit? Zircon count locally slightly more abundant than surrounding

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122101 | 85.9 | 87.0 | 1.1 | 0.065 | | | | 2.74 |
| CAOND122102 | 87.0 | 88.0 | 1.0 | 0.133 | | | | 2.74 |
| CAOND122103 | 88.0 | 89.0 | 1.0 | 0.159 | | | | 2.76 |
| CAOND122104 | 89.0 | 90.5 | 1.5 | 0.044 | | | | 2.77 |
| CAOND122105 | 90.5 | 92.0 | 1.5 | 0.090 | | | | 2.81 |
| CAOND122106 | 92.0 | 93.5 | 1.5 | 0.030 | | | | 2.82 |
| CAOND122107 | 93.5 | 95.0 | 1.5 | 0.003 | | | | 2.79 |
| CAOND122108 | 95.0 | 96.5 | 1.5 | 0.034 | | | | 2.81 |
| CAOND122109 | 96.5 | 98.0 | 1.5 | 0.003 | | | | 2.65 |
| CAOND122110 | 98.0 | 99.5 | 1.5 | 0.272 | | | | 2.73 |
| CAOND122111 | 99.5 | 101.0 | 1.5 | 0.008 | | | | 2.86 |
| CAOND122112 | 101.0 | 102.5 | 1.5 | 0.018 | | | | 2.85 |
| CAOND122113 | 102.5 | 104.0 | 1.5 | 0.127 | | | | 2.85 |

**Hole number:** KLUC19-538

sediment unit. 233.1-234.6m = Colour and alteration type appears to suddenly change but deformation intensity and orientation remains the same. Possible minor unit of alkaline unit? 268-287.7m = Colouring become dark greenish grey to dark grey with chaotic, brecciated? and clastic textures. XRF data concluded both alkaline (unit 2) and sediment results. Transitional interval of mixed sediment and alkaline packages.

**MINOR INTERVAL**

136.80 - 141.80: S1Minor conglomerate unit within a sediment interval. Appears to be a sudden increase in pebbles. 10-30% flattened and deformed polymitic pebbles oriented parallel to deformation at 40-50 TCA.

**MINOR INTERVAL**

229.50 - 232.00: SMixture of medium buff and medium purplish brown colouring with minor medium green. Fine grained and equigranular, moderate parallel deformation oriented at 40-50 TCA. Appears to have a sudden change in composition and alteration styles compared to adjacant sediment unit. Possible minor alkaline tuffaceous unit, zircon count locally more elevated than adjacant sediment unit. XRF classified as sediment.

**MINOR INTERVAL**

233.20 - 234.60: SMixture of medium buff and medium purplish brown colouring with minor medium green. Fine grained and equigranular, moderate parallel deformation oriented at 40-50 TCA. Appears to have a sudden change in composition and alteration styles compared to adjacant sediment unit. Possible minor alkaline tuffaceous unit, zircon count locally more elevated than adjacant sediment unit. XRF classified as sediment.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

85.90, 162.50, PYR, DIS, .10, -, VFG, 0.1-0.5% very fine and fine grained dissemianted PY occuring in clusters over 10-20cm thick interval.
162.50, 165.00, PYR, DIS, 3.00, -, VFG, 3% very fine grained dissemianted PY
165.00, 240.00, PYR, DIS, .10, -, VFG, 0.1-0.5% very fine graiend dissemianted Py
240.00, 287.70, PYR, DIS, .50, -, VFG, 0.5-1% very fine grained dissemianted Py

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

85.90, 144.00, CAL+, STG, MOD, -, -, -, Moderate patchy and stringer of calcite alteration.
142.40, 143.40, KFS+, PEN, MOD, -, -, -, Moderate pervasive kspar? alteration
144.00, 152.00, CAL+, PAT, STRONG, -, -, -, Strong to moderate patchy and spotted calcite alteration
152.00, 210.00, CAL+, PAT, MOD, -, -, -, Moderate patchy and spotted calcite alteration
210.00, 222.00, CAL+, PAT, WEAK, -, -, -, Weak sptted and patchy calcite alteration
222.00, 229.50, CAL+, PAT, MOD, -, -, -, Moderate spotted and patchy calcite alteration
222.00, 229.50, SER+, PAT, MOD, -, -, -, Weak to moderate irregular patches of SE alteration
229.50, 232.00, ANK+, PAT, MOD, -, -, -, Moderate pervasive Fe-carbonate alteration, stained blue
229.50, 287.70, CAL+, PEN, MOD, -, -, -, Moderate to strong spotted and patchy calcite alteration
233.10, 234.60, ANK+, PAT, MOD, -, -, -, Moderate pervasive Fe-carbonate alteration, same colouring

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122114 | 104.0 | 105.5 | 1.5 | 0.015 | | | | 2.85 |
| CAOND122116 | 105.5 | 107.0 | 1.5 | 0.043 | | | | 2.79 |
| CAOND122117 | 107.0 | 108.5 | 1.5 | 0.010 | | | | 3.16 |
| CAOND122118 | 108.5 | 110.0 | 1.5 | 0.084 | | | | 2.72 |
| CAOND122119 | 110.0 | 111.5 | 1.5 | 0.026 | | | | 2.72 |
| CAOND122121 | 111.5 | 113.0 | 1.5 | 0.006 | | | | 2.90 |
| CAOND122122 | 113.0 | 114.5 | 1.5 | 0.003 | | | | 2.85 |
| CAOND122123 | 114.5 | 116.0 | 1.5 | 0.006 | | | | 2.89 |
| CAOND122124 | 116.0 | 117.5 | 1.5 | 0.007 | | | | 2.81 |
| CAOND122126 | 117.5 | 119.0 | 1.5 | 0.005 | | | | 2.86 |
| CAOND122127 | 119.0 | 120.5 | 1.5 | 0.007 | | | | 2.87 |
| CAOND122128 | 120.5 | 122.0 | 1.5 | 0.003 | | | | 2.84 |
| CAOND122129 | 122.0 | 123.5 | 1.5 | 0.003 | | | | 2.84 |
| CAOND122131 | 123.5 | 125.0 | 1.5 | 0.003 | | | | 2.82 |
| CAOND122132 | 125.0 | 126.5 | 1.5 | 0.009 | | | | 2.73 |
| CAOND122133 | 126.5 | 128.0 | 1.5 | 0.006 | | | | 2.72 |
| CAOND122134 | 128.0 | 129.5 | 1.5 | 0.015 | | | | 2.72 |
| CAOND122135 | 129.5 | 131.0 | 1.5 | 0.007 | | | | 2.73 |
| CAOND122136 | 131.0 | 132.5 | 1.5 | 0.013 | | | | 2.73 |
| CAOND122137 | 132.5 | 134.0 | 1.5 | 0.012 | | | | 2.72 |
| CAOND122138 | 134.0 | 135.5 | 1.5 | 0.014 | | | | 2.72 |
| CAOND122139 | 135.5 | 136.8 | 1.3 | 0.010 | | | | 2.73 |
| CAOND122140 | 136.8 | 138.0 | 1.2 | 0.064 | | | | 2.76 |
| CAOND122141 | 138.0 | 139.5 | 1.5 | 0.085 | | | | 2.76 |
| CAOND122142 | 139.5 | 141.0 | 1.5 | 0.040 | | | | 2.74 |
| CAOND122143 | 141.0 | 142.2 | 1.2 | 0.043 | | | | 2.76 |
| CAOND122144 | 142.2 | 143.5 | 1.3 | 0.006 | | | | 2.73 |
| CAOND122146 | 143.5 | 145.0 | 1.5 | 0.009 | | | | 2.74 |
| CAOND122147 | 145.0 | 146.5 | 1.5 | 0.009 | | | | 2.74 |
| CAOND122148 | 146.5 | 148.0 | 1.5 | 0.010 | | | | 2.74 |
| CAOND122149 | 148.0 | 149.5 | 1.5 | 0.032 | | | | 2.75 |
| CAOND122151 | 149.5 | 151.0 | 1.5 | 0.008 | | | | 2.74 |
| CAOND122152 | 151.0 | 152.5 | 1.5 | 0.058 | | | | 2.74 |

**Hole number:** KLUC19-538

and occurence as previous interval
234.60, 261.00, ANK+, PAT, WEAK, -, -, -, Weak patchy ankerite alteration occuring in patches in proximity to fractures

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
85.90, 86.00, GGE, -, -, -, -, -, -
85.90, 210.00, DFZ, MOD, 40.00, -, -, -, Moderate parallel deformation at 40-50 TCA
85.90, 210.00, FOL, MOD, 40.00, -, -, -, Moderare foliation at 40-50 TCA
210.00, 222.00, DFZ, WEAK, 40.00, -, -, -, Weak parallel deformation at 40-50 TCA
210.00, 222.00, FOL, WEAK, 40.00, -, -, -, Weak foliation at 40-50 TCA
222.00, 229.50, DFZ, WEAK, -, -, -, -, Weak to moderate chaotic deformation
229.50, 240.00, FOL, MOD, 40.00, -, -, -, Moderate foliation at 40-50 TCA
229.50, 279.00, DFZ, MOD, -, -, -, -, Moderate deformation dominantly oriented at 40-50 TCA with minor intervals of chaotic deformation and mm to cm chaotic folding
240.00, 279.00, FOL, MOD, 30.00, -, -, -, Moderate foliation oriented at 30-40 TCA
277.00, 287.70, BRR, WEAK, -, -, -, -, Weak to moderate broken/fractured core
279.00, 287.70, BRC, MOD, -, -, -, -, Moderate chaotic deformation, chaotic and clastic
279.00, 287.70, DFZ, MOD, -, -, -, -, Moderate chaotic deformation

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
85.90, 102.00, QtzCal, 5.00, -, -, -, -, -, -, -, -, -, 5% irregular and chaotic white qtz-cal veinnning
85.90, 112.00, CAL, 25.00, -, -, -, -, -, -, -, -, -, 25% mm scale and whispy calcite veinlets dominantly parallel to deformation
108.00, 112.00, QtzCal, 5.00, -, -, -, -, -, -, -, PYR, .10, 5% white qtz-cal veinning parallel to deformation at 40-50 TCA with irregular contacts. less than 1cm to 1cm thick. 0.1-0.5% fine grained Py locall disseminated Py in margins of veins
117.00, 126.50, QtzCal, 8.00, -, -, -, -, -, -, -, -, -, 5-10% white with patches of pink, irregular qtz-cal veinning. No preferred orientation and ranging from 0.5 - 1cm with 1x vein 10cm thick interval.
155.00, 160.00, QtzCal, 3.00, -, -, -, -, -, -, -, -, -, 3% white qtz-cal veinning, dominantly parallel to deformation at 40-50 TCA with irregular and wavy contacts. less than 1cm to 1cm thick.
160.00, 166.00, QtzCal, 10.00, -, -, -, -, -, -, -, -, -, 10% white qtz-cal veinning, dominantly parallel to deformation with irregular and wavy contacts, 5-15cm thick with minor veins 1cm thick.
222.00, 229.50, QtzCal, 5.00, -, -, -, -, -, -, -, -, -, 5% chaotic and irregular qtz-cal veinning, occuring in 10-15cm thick intervals, Chl commonly observed in patches within veins
232.00, 233.00, QtzCbt, 20.00, -, -, -, -, -, -, -, -, -, 20% Chaotic qtz-carb veinning with no preferred thickness or orientation
236.00, 240.00, QtzCbt, 8.00, -, -, -, -, -, -, -, -, -, 8% chaotic qtz-carb veinning with minor random patches of black chl.
254.00, 254.60, QtzTur, 20.00, -, -, -, -, -, -, -, -, -, 20% irregular and chaotic qtz veinning with 5cm thick

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122153 | 152.5 | 154.0 | 1.5 | 0.089 | | | | 2.74 |
| CAOND122154 | 154.0 | 155.5 | 1.5 | 0.054 | | | | 2.74 |
| CAOND122155 | 155.5 | 157.0 | 1.5 | 0.015 | | | | 2.74 |
| CAOND122156 | 157.0 | 158.5 | 1.5 | 0.086 | | | | 2.75 |
| CAOND122157 | 158.5 | 160.0 | 1.5 | 0.056 | | | | 2.74 |
| CAOND122158 | 160.0 | 161.0 | 1.0 | 0.015 | | | | 2.72 |
| CAOND122159 | 161.0 | 162.0 | 1.0 | 0.193 | | | | 2.73 |
| CAOND122161 | 162.0 | 163.1 | 1.1 | 0.009 | | | | 2.74 |
| CAOND122162 | 163.1 | 164.1 | 1.0 | 0.114 | | | | 2.72 |
| CAOND122163 | 164.1 | 165.5 | 1.4 | 0.025 | | | | 2.74 |
| CAOND122164 | 165.5 | 167.0 | 1.5 | 0.103 | | | | 2.72 |
| CAOND122165 | 167.0 | 168.5 | 1.5 | 0.015 | | | | 2.73 |
| CAOND122166 | 168.5 | 170.0 | 1.5 | 0.009 | | | | 2.72 |
| CAOND122167 | 170.0 | 171.5 | 1.5 | 0.013 | | | | 2.76 |
| CAOND122168 | 171.5 | 173.0 | 1.5 | 0.007 | | | | 2.73 |
| CAOND122169 | 173.0 | 174.5 | 1.5 | 0.023 | | | | 2.73 |
| CAOND122171 | 174.5 | 176.0 | 1.5 | 0.023 | | | | 2.74 |
| CAOND122172 | 176.0 | 177.5 | 1.5 | 0.009 | | | | 2.74 |
| CAOND122173 | 177.5 | 179.0 | 1.5 | 0.008 | | | | 2.74 |
| CAOND122174 | 179.0 | 180.5 | 1.5 | 0.006 | | | | 2.73 |
| CAOND122176 | 180.5 | 182.0 | 1.5 | 0.007 | | | | 2.72 |
| CAOND122177 | 182.0 | 183.5 | 1.5 | 0.014 | | | | 2.73 |
| CAOND122178 | 183.5 | 185.0 | 1.5 | 0.003 | | | | 2.74 |
| CAOND122179 | 185.0 | 186.5 | 1.5 | 0.010 | | | | 2.79 |
| CAOND122181 | 186.5 | 188.0 | 1.5 | 0.007 | | | | 2.79 |
| CAOND122182 | 188.0 | 189.5 | 1.5 | 0.003 | | | | 2.80 |
| CAOND122183 | 189.5 | 190.5 | 1.0 | 0.003 | | | | 2.79 |
| CAOND122184 | 190.5 | 192.0 | 1.5 | 0.003 | | | | 2.79 |
| CAOND122185 | 192.0 | 193.5 | 1.5 | 0.003 | | | | 2.78 |
| CAOND122186 | 193.5 | 195.0 | 1.5 | 0.003 | | | | 2.77 |
| CAOND122187 | 195.0 | 196.5 | 1.5 | 0.008 | | | | 2.76 |
| CAOND122188 | 196.5 | 198.0 | 1.5 | 0.019 | | | | 2.74 |
| CAOND122189 | 198.0 | 199.5 | 1.5 | 0.091 | | | | 2.73 |

**Hole number:** KLUC19-538

patch and microfracture filled with tourmaline
267.00, 268.00, QTZ, 20.00, -, -, -, -, -, -, -, -, -, 30cm thick intervals of clustered chaotic qtz veinning

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122191 | 199.5 | 201.0 | 1.5 | 0.025 | | | | 2.75 |
| CAOND122192 | 201.0 | 202.5 | 1.5 | 0.044 | | | | 2.75 |
| CAOND122193 | 202.5 | 204.0 | 1.5 | 0.046 | | | | 2.75 |
| CAOND122194 | 204.0 | 205.5 | 1.5 | 0.012 | | | | 2.75 |
| CAOND122195 | 205.5 | 207.0 | 1.5 | 0.023 | | | | 2.76 |
| CAOND122196 | 207.0 | 208.5 | 1.5 | 0.006 | | | | 2.74 |
| CAOND122197 | 208.5 | 210.0 | 1.5 | 0.008 | | | | 2.75 |
| CAOND122198 | 210.0 | 211.5 | 1.5 | 0.006 | | | | 2.76 |
| CAOND122199 | 211.5 | 213.0 | 1.5 | 0.005 | | | | 2.76 |
| CAOND122201 | 213.0 | 214.5 | 1.5 | 0.008 | | | | 2.77 |
| CAOND122202 | 214.5 | 216.0 | 1.5 | 0.007 | | | | 2.74 |
| CAOND122203 | 216.0 | 217.5 | 1.5 | 0.006 | | | | 2.74 |
| CAOND122204 | 217.5 | 219.0 | 1.5 | 0.011 | | | | 2.74 |
| CAOND122205 | 219.0 | 220.5 | 1.5 | 0.006 | | | | 2.74 |
| CAOND122206 | 220.5 | 222.0 | 1.5 | 0.005 | | | | 2.75 |
| CAOND122207 | 222.0 | 223.5 | 1.5 | 0.005 | | | | 2.78 |
| CAOND122208 | 223.5 | 225.0 | 1.5 | 0.022 | | | | 2.80 |
| CAOND122209 | 225.0 | 226.5 | 1.5 | 0.017 | | | | 2.78 |
| CAOND122210 | 226.5 | 228.0 | 1.5 | 0.011 | | | | 2.79 |
| CAOND122211 | 228.0 | 229.5 | 1.5 | 0.022 | | | | 2.82 |
| CAOND122212 | 229.5 | 231.0 | 1.5 | 0.003 | | | | 2.80 |
| CAOND122213 | 231.0 | 232.0 | 1.0 | 0.021 | | | | 2.79 |
| CAOND122214 | 232.0 | 233.1 | 1.1 | 0.067 | | | | 2.80 |
| CAOND122216 | 233.1 | 234.6 | 1.5 | 0.003 | | | | 2.79 |
| CAOND122217 | 234.6 | 236.0 | 1.4 | 0.037 | | | | 2.80 |
| CAOND122218 | 236.0 | 237.4 | 1.4 | 0.034 | | | | 2.82 |
| CAOND122219 | 237.4 | 238.6 | 1.2 | 0.003 | | | | 2.79 |
| CAOND122221 | 238.6 | 240.0 | 1.4 | 0.008 | | | | 2.77 |
| CAOND122222 | 240.0 | 241.5 | 1.5 | 0.045 | | | | 2.79 |
| CAOND122223 | 241.5 | 243.0 | 1.5 | 0.105 | | | | 2.78 |
| CAOND122224 | 243.0 | 244.5 | 1.5 | 0.006 | | | | 2.79 |
| CAOND122226 | 244.5 | 246.0 | 1.5 | 0.010 | | | | 2.78 |
| CAOND122227 | 246.0 | 247.5 | 1.5 | 0.008 | | | | 2.78 |

**Hole number:** KLUC19-538

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122228 | 247.5 | 249.0 | 1.5 | 0.014 | | | | 2.79 |
| CAOND122229 | 249.0 | 250.5 | 1.5 | 0.008 | | | | 2.78 |
| CAOND122231 | 250.5 | 252.0 | 1.5 | 0.010 | | | | 2.79 |
| CAOND122232 | 252.0 | 253.5 | 1.5 | 0.014 | | | | 2.79 |
| CAOND122233 | 253.5 | 255.0 | 1.5 | 0.015 | | | | 2.76 |
| CAOND122234 | 255.0 | 256.5 | 1.5 | 0.041 | | | | 2.81 |
| CAOND122235 | 256.5 | 258.0 | 1.5 | 0.023 | | | | 2.78 |
| CAOND122236 | 258.0 | 259.5 | 1.5 | 0.009 | | | | 2.79 |
| CAOND122237 | 259.5 | 261.0 | 1.5 | 0.014 | | | | 2.81 |
| CAOND122238 | 261.0 | 262.5 | 1.5 | 0.003 | | | | 2.86 |
| CAOND122239 | 262.5 | 264.0 | 1.5 | 0.005 | | | | 2.86 |
| CAOND122240 | 264.0 | 265.5 | 1.5 | 0.081 | | | | 2.93 |
| CAOND122241 | 265.5 | 267.0 | 1.5 | 0.019 | | | | 2.92 |
| CAOND122242 | 267.0 | 268.0 | 1.0 | 0.019 | | | | 2.83 |
| CAOND122243 | 268.0 | 269.5 | 1.5 | 0.022 | | | | 2.89 |
| CAOND122244 | 269.5 | 271.0 | 1.5 | 0.026 | | | | 2.86 |
| CAOND122246 | 271.0 | 272.5 | 1.5 | 0.036 | | | | 2.86 |
| CAOND122247 | 272.5 | 274.0 | 1.5 | 0.250 | | | | 2.92 |
| CAOND122248 | 274.0 | 275.5 | 1.5 | 0.205 | | | | 2.91 |
| CAOND122249 | 275.5 | 277.0 | 1.5 | 0.074 | | | | 2.91 |
| CAOND122251 | 277.0 | 278.5 | 1.5 | 0.007 | | | | 2.90 |
| CAOND122252 | 278.5 | 280.0 | 1.5 | 0.008 | | | | 2.87 |
| CAOND122253 | 280.0 | 281.0 | 1.0 | 0.003 | | | | 2.85 |
| CAOND122254 | 281.0 | 282.5 | 1.5 | 0.005 | | | | 2.87 |
| CAOND122255 | 282.5 | 284.0 | 1.5 | 0.024 | | | | 2.84 |
| CAOND122256 | 284.0 | 285.5 | 1.5 | 0.005 | | | | 2.61 |
| CAOND122257 | 285.5 | 286.5 | 1.0 | 0.054 | | | | 2.91 |
| CAOND122258 | 286.5 | 287.7 | 1.2 | 0.020 | | | | 2.87 |

**Major:** **From:** 287.70 **To:** 289.50 I, Roches intrusive indetermine

Composition: Medium red and medium grey, fine grained, massive; I - intrusion. Magnetism: Non magnetic. Veinning: 1% chaotic and irregular, fracture controlled qtz-carb veinning Structure: Undeformed. Alteration: Moderate pervasive kspar alteration? Mineralization: 0.5% very fine grained Py dusting. Lower Contact: Sharp and relatively straight; oriented at 50 TCA.

**MINERALIZATION**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122259 | 287.7 | 288.5 | 0.8 | 0.016 | | | | 2.72 |
| CAOND122261 | 288.5 | 289.5 | 1.0 | 0.020 | | | | 2.72 |

**Hole number:** KLUC19-538

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
287.70, 289.50, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained Py dusting

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
287.70, 289.50, CBT+, PAT, MOD, -, -, -, Moderate carbonate alteration occuring as random and chaotic spots, patches and parallel stringers

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
287.70, 289.50, DFZ, MOD, -, -, -, -, Moderate deformation dominantly parallel but also observed as chaotic
287.70, 289.50, FOL, MOD, -, -, -, -, Moderate parallel deformation at 40-50 TCA

**Major:** **From:** 289.50 **To:** 303.70 V8, Trachyte

XRF UNIT 2 (GREEN) - ALKALINE (Low Zr) Composition: Beginning as dominantly medium to dark greenish grey to grey with beige patches which gradually changes to a pervasive medium buff to medium pinkish and orangish buff, local fine grained red spots; V8 - Trachyte (temporary name). Magnetism: Moderately magnetic. Veinning: 2-3% mm scale fracture controlled magnetite veinlets and 2-3% chaotic carbonate veinning. Structure: Moderate parallel deformation oriented at 40-50 TCA. Alteration: Moderate to strong pervasive Fe-carb alteration. Mineralization: 1-2% fracture controlled magnetite veinlets, 2% 1-2cm sized patches of chalcopyrite occuring in Mt veinlets, 1-5% locally up to 10% very fine grained Py dusting. Lower Contact: Sharp and straight; oriented at 50 TCA.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
289.50, 295.00, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained Py dusting
295.00, 303.70, CPY, FRF, 1.00, -, -, 1-2% patchy chalcopyrite occuring in magnetite filled microfractures
295.00, 303.70, MAG, FRF, 1.00, -, -, 1-2% mm scale fracture filling magnetite
295.00, 303.70, PYR, DIS, .50, -, VFG, 0.5-1% very fine grained dissemianted Py

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
289.50, 295.00, CBT+, PAT, MOD, -, -, -, Moderate carbonate alteration occuring as random and chaotic spots, patches and parallel stringers
293.50, 295.00, SER+, PAT, MOD, -, -, -, Moderate sericite alteration occuring as mm scale irregular lenses
295.00, 303.70, ANK+, PEN, MOD, -, -, -, Moderate to strong pervasive Fe-carb alteration, locally stained intervals turned blue

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
289.50, 303.70, DFZ, MOD, -, -, -, -, Moderate deformation dominantly parallel but also observed as

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122262 | 289.5 | 291.0 | 1.5 | 0.020 | | | | 2.89 |
| CAOND122263 | 291.0 | 292.5 | 1.5 | 0.048 | | | | 2.89 |
| CAOND122264 | 292.5 | 294.0 | 1.5 | 0.013 | | | | 2.88 |
| CAOND122265 | 294.0 | 295.0 | 1.0 | 0.094 | | | | 2.90 |
| CAOND122266 | 295.0 | 296.5 | 1.5 | 0.048 | | | | 2.89 |
| CAOND122267 | 296.5 | 298.0 | 1.5 | 0.026 | | | | 2.90 |
| CAOND122268 | 298.0 | 299.5 | 1.5 | 0.020 | | | | 2.88 |
| CAOND122269 | 299.5 | 301.0 | 1.5 | 0.016 | | | | 2.89 |
| CAOND122271 | 301.0 | 302.5 | 1.5 | 0.037 | | | | 2.85 |
| CAOND122272 | 302.5 | 303.7 | 1.2 | 0.021 | | | | 2.88 |

chaotic
289.50, 303.70, FOL, MOD, -, -, -, -, Moderate parallel deformation at 40-50 TCA

**Major:** **From:** 303.70 **To:** 307.10 I, Roches intrusive indetermine

Composition: Dominantly medium red to orangish red, fine grained with red spots clustered locally, massive texture; I - intrusion. Magnetism: Non magnetic. Veinning: 1-2% fracture filled qtz and magnetite veinlets. Structure: Undefromed, weak microfracturing. Alteration: Moderate pervasive kspar alteration. Mineralization: 0.1-0.5% very fine grained Py dusting, 1% microfractured filled magnetite, 1cm thick carb vein with 25% coarse grained chalcopyrite. Lower Contact: Sharp but slightly irregular, trending at 50 TCA.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
303.70, 307.10, PYR, DIS, .10, -, VFG, 0.1-0.5% very fine grained Py dusting
306.80, 306.90, CPY, PAT, 25.00, -, CGR, 25% coarse grained clustered Cp mineralization occuring in 1cm thick carb vein

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
303.70, 307.10, KFS+, PAT, MOD, -, -, -, Moderate pervasive kspar alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122273 | 303.7 | 305.0 | 1.3 | 0.007 | | | | 2.72 |
| CAOND122274 | 305.0 | 306.1 | 1.1 | 0.007 | | | | 2.72 |
| CAOND122276 | 306.1 | 307.1 | 1.0 | 0.018 | | | | 2.74 |

**Major:** **From:** 307.10 **To:** 406.90 V8, Trachyte

XRF UNIT 2 (GREEN) - ALKALINE (Low Zr) Composition: Various shades of grey, beige and red, domiantly with bleached appearance, chaotic texture with fine grained rounded red spots clustered ranndomly throughout; V8 - Trachyte (temporary name). Magnetism: Non magnetic. Veinning: 2-3% chaotic and irregular 1-3mm thick white carbonate veinlets and 2-3% mm scale microfracture fille magnetite veinlets cross cutting foliation. Structure: Moderate parallel deformation oriented at 40-50 TCA. Alteration: Moderate to strong pervasive Fe-carb alteration. Mineralization: 2-3% fracture controlled magnetite veinlets, 2-3% patches of chalcopyrite occuring in Mt veinlets, 1-5% locally up to 10% very fine grained Py dusting. Lower Contact: Gradational, contact was estimated based on XRF data. 366-382m = Colouring gradually becomes dominantly medium to dark grey with tuffaceous texture and paralle deformation. Fe-carb alteration suddenly diminishes and changes to strong calcite alteration. Strongly magnetic. Minor units: 342.6-344.1m = porphyry intrusion 345.8-346.2m = porphyry intrusion 346.8-347.7m = 25% irregular patchy stringers of intrusion 347.7-349.6m = porphyry intrusion 349.6-354m = 15% irregular and chaotic patches and stringers of intrusion 378.6-379.6m = porphyry intrusion

**MINOR INTERVAL**

327.00 - 331.00: IMedium to dark orangish red intrusion identified using XRF analysis. Contacts are faint and not easily recongnised.

**MINOR INTERVAL**

342.60 - 344.10: PORPHComposition: Dominantly medium to dark orangish red, porphyritic texture with 20-25% coarse grained subrounded phenocrysts, 20cm thick interval with 80% adjacent alkaline unit and irregular intrusion alternating; PORPH - Porphyry. Magnetism: Non magnetic. Veinning: 2-3% irregular, discontinuous and 1-2mm thick carb veinlets. Structure: Undeformed. Alteration: Moderate to

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122277 | 307.1 | 308.5 | 1.4 | 0.074 | | | | 2.85 |
| CAOND122278 | 308.5 | 310.0 | 1.5 | 0.076 | | | | 2.81 |
| CAOND122279 | 310.0 | 311.5 | 1.5 | 0.014 | | | | 2.83 |
| CAOND122281 | 311.5 | 313.0 | 1.5 | 0.025 | | | | 2.86 |
| CAOND122282 | 313.0 | 314.5 | 1.5 | 0.011 | | | | 2.86 |
| CAOND122283 | 314.5 | 316.0 | 1.5 | 0.048 | | | | 2.86 |
| CAOND122284 | 316.0 | 317.5 | 1.5 | 0.017 | | | | 2.86 |
| CAOND122285 | 317.5 | 319.0 | 1.5 | 0.130 | | | | 2.86 |
| CAOND122286 | 319.0 | 320.5 | 1.5 | 0.028 | | | | 2.86 |
| CAOND122287 | 320.5 | 322.0 | 1.5 | 0.013 | | | | 2.87 |
| CAOND122288 | 322.0 | 323.5 | 1.5 | 0.012 | | | | 2.88 |
| CAOND122289 | 323.5 | 325.0 | 1.5 | 0.023 | | | | 2.89 |
| CAOND122291 | 325.0 | 326.0 | 1.0 | 0.080 | | | | 2.89 |
| CAOND122292 | 326.0 | 327.0 | 1.0 | 0.261 | | | | 2.81 |
| CAOND122293 | 327.0 | 328.5 | 1.5 | 0.060 | | | | 2.79 |
| CAOND122294 | 328.5 | 330.0 | 1.5 | 0.079 | | | | 2.75 |
| CAOND122295 | 330.0 | 331.5 | 1.5 | 0.048 | | | | 2.77 |

**Hole number:** KLUC19-538

strong pervasive kspar alteration. Mineralization: 2-3% very fine graiend dissemianted Py. Contacts: Sharp but slightly wavy; oriented at 40 TCA.

**MINOR INTERVAL**

345.80 - 346.20: PORPH40cm thick intervals of strongly kspar altered porphyry intrusion.

**MINOR INTERVAL**

346.20 - 349.60: PORPHComposition: Dominantly medium to dark orangish red, porphyritic texture with 20-25% coarse grained subrounded phenocrysts; PORPH - Porphyry. Magnetism: Non magnetic. Veinning: 2-3% irregular, discontinuous carb veinning. Structure: Undeformed. Alteration: Moderate to strong pervasive kspar alteration. Mineralization: 2-3% very fine graiend dissemianted Py. Contacts: Irregular.

**MINOR INTERVAL**

378.60 - 379.60: I2DmpComposition: Medium purplish grey with 20% flattend, medium to coarse grained feldspar phenocrysts and 1-2% very fine grained amphibole phenocrysts, porphyrytic texture; I2Dmp - Syenite mafic porphyry. Magnetism: Non magnetic. Veinning: Less than 1% microfracture filled carb veinlets. Structure: Moderate deformation oriented at 30-40 TCA. Alteration: Weak carbonate alteration Mineralization: Rare very fine grained PY. Lower Contact: Sharp and straight; oriented at 40 TCA

**TEXTURE**

TYPE/COLOR/GRAIN_SIZE/COMMENTS

366.00, 382.00, TFA, -, VFG, -
378.60, 379.60, POR, -, -, -
382.00, 390.00, SPO, -, -, Tuffaceous unit with rounded red spotted randomly throughout

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

307.10, 314.00, MAG, FRF, 1.00, -, VFG, 1-2% 1-2mm thick microfracture filled Mt cross cutting deformation
307.10, 318.00, PYR, DIS, .50, -, VFG, 0.5-1% clustered very fine grained Py dusting
318.00, 319.00, PYR, DIS, 5.00, -, VFG, 5% very fine grained dissemianted PY
319.00, 327.00, PYR, DIS, .50, -, VFG, 0.5-1% clustered very fine grained Py dusting
319.00, 329.00, CPY, PAT, 2.00, -, -, 2-3% patchy Cp mineralization dominantly occuring in Mt but also observed in Cb veinning. Local cluster 2x5cm in size
319.00, 329.00, MAG, FRF, 1.00, -, -, 1-2% 1-2mm thick microfracture filled Mt cross cutting deformation
327.00, 330.00, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained Py dusting
329.00, 342.60, MAG, FRF, 1.00, -, VFG, 1% fracture filled magnetite
330.00, 342.60, PYR, DIS, .50, -, VFG, 0.5% very fine grained Py dusting
342.60, 344.10, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained disseminated PY
344.10, 347.70, PYR, DIS, 1.00, -, -, 1-2% very fine grained disseminated PY
347.70, 354.00, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained disseminated PY
354.00, 366.00, PYR, DIS, .50, -, VFG, 0.5-1% very fine grained dissemianted PY
366.00, 390.00, PYR, DIS, .10, -, VFG, 0.1-0.5% very fine grained dissemianted PY

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122296 | 331.5 | 333.0 | 1.5 | 0.033 | | | | 2.77 |
| CAOND122297 | 333.0 | 334.5 | 1.5 | 0.091 | | | | 2.78 |
| CAOND122298 | 334.5 | 336.0 | 1.5 | 0.067 | | | | 2.84 |
| CAOND122299 | 336.0 | 337.5 | 1.5 | 0.024 | | | | 2.83 |
| CAOND122301 | 337.5 | 339.0 | 1.5 | 0.027 | | | | 2.82 |
| CAOND122302 | 339.0 | 340.5 | 1.5 | 0.045 | | | | 2.75 |
| CAOND122303 | 340.5 | 341.5 | 1.0 | 0.038 | | | | 2.77 |
| CAOND122304 | 341.5 | 342.6 | 1.1 | 0.077 | | | | 2.76 |
| CAOND122305 | 342.6 | 344.1 | 1.5 | 0.292 | | | | 2.73 |
| CAOND122306 | 344.1 | 345.0 | 0.9 | 0.727 | | | | 2.82 |
| CAOND122307 | 345.0 | 345.8 | 0.8 | 0.761 | | | | 2.76 |
| CAOND122308 | 345.8 | 346.9 | 1.1 | 0.509 | | | | 2.84 |
| CAOND122309 | 346.9 | 347.7 | 0.8 | 0.247 | | | | 2.76 |
| CAOND122310 | 347.7 | 348.7 | 1.0 | 0.173 | | | | 2.70 |
| CAOND122311 | 348.7 | 349.6 | 0.9 | 0.215 | | | | 2.67 |
| CAOND122312 | 349.6 | 351.0 | 1.4 | 0.277 | | | | 2.76 |
| CAOND122313 | 351.0 | 352.5 | 1.5 | 0.388 | | | | 2.75 |
| CAOND122314 | 352.5 | 354.0 | 1.5 | 0.263 | | | | 2.74 |
| CAOND122316 | 354.0 | 355.5 | 1.5 | 0.038 | | | | 2.88 |
| CAOND122317 | 355.5 | 357.0 | 1.5 | 0.024 | | | | 2.87 |
| CAOND122318 | 357.0 | 358.5 | 1.5 | 0.011 | | | | 2.86 |
| CAOND122319 | 358.5 | 360.0 | 1.5 | 0.018 | | | | 2.88 |
| CAOND122321 | 360.0 | 361.5 | 1.5 | 0.011 | | | | 2.86 |
| CAOND122322 | 361.5 | 363.0 | 1.5 | 0.013 | | | | 2.85 |
| CAOND122323 | 363.0 | 364.5 | 1.5 | 0.037 | | | | 2.88 |
| CAOND122324 | 364.5 | 366.0 | 1.5 | 0.006 | | | | 2.86 |
| CAOND122326 | 366.0 | 367.5 | 1.5 | 0.005 | | | | 2.85 |
| CAOND122327 | 367.5 | 369.0 | 1.5 | 0.009 | | | | 2.85 |
| CAOND122328 | 369.0 | 370.5 | 1.5 | 0.009 | | | | 2.83 |
| CAOND122329 | 370.5 | 372.0 | 1.5 | 0.007 | | | | 2.83 |
| CAOND122331 | 372.0 | 373.5 | 1.5 | 0.009 | | | | 2.83 |
| CAOND122332 | 373.5 | 375.0 | 1.5 | 0.015 | | | | 2.84 |
| CAOND122333 | 375.0 | 376.5 | 1.5 | 0.013 | | | | 2.84 |

**Hole number:** KLUC19-538

390.00, 394.50, MAG, FRF, 2.00, -, VFG, 2-3% microfracture filling magnetite
390.00, 394.50, PYR, FRF, 1.00, -, VFG, 1-2% fracture filling Py
394.50, 406.90, PYR, DIS, .50, -, VFG, 0.5% very fine grained dissemianted PY locally occuring in fractures

## ALTERATION

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

307.10, 342.60, KFS+, PAT, MOD, -, -, -, Moderate patchy and spotted kspar alteration
307.10, 364.00, ANK+, PAT, MOD, -, -, -, Moderate patches to locally pervasive Fe-carb alteration
342.60, 344.10, KFS+, PEN, STRONG, -, -, -, Moderate to strong pervasive kspar alteration
345.80, 346.20, KFS+, PEN, STRONG, -, -, -, Moderate to strong pervasive kspar alteration
347.70, 349.60, KFS+, PEN, STRONG, -, -, -, Moderate to strong pervasive kspar alteration
349.60, 354.00, KFS+, PAT, MOD, -, -, -, Moderate patchy kspar alteration
354.00, 366.00, ANK+, PEN, MOD, -, -, -, Moderate pervasive Fe-carb alteration
366.00, 382.00, CAL+, PEN, STRONG, -, -, -, Strong pervasive calcite alteration
382.00, 406.90, ANK+, PEN, STRONG, -, -, -, Strong pervasive Fe-carb alteration, randomly tested spots stained blue
390.00, 394.50, KFS+, PEN, STRONG, -, -, -, Strong pervasive kspar alteration, red alteration

## STRUCTURE

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

307.10, 354.00, DFZ, MOD, 30.00, -, -, -, Moderate deformation dominantly parallel at 30-40 TCA but also chaotic
307.10, 354.00, FOL, MOD, 30.00, -, -, -, Moderate foliation at 30-40 TCA
366.00, 382.00, DFZ, MOD, 30.00, -, -, -, Moderate parallel deformation at 30-40 TCA
366.00, 382.00, FOL, MOD, 30.00, -, -, -, Moderate foliation at 30-40 TCA
382.00, 390.00, FOL, MOD, 40.00, -, -, -, Moderate to strong foliation oriented at 40-50 TCA
390.00, 406.90, DFZ, WEAK, -, -, -, -, Weak to moderate chaotic deformation with local weak preferential alignment at 40-50 TCA

## VEIN

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

307.10, 313.00, CBT, 2.00, -, -, -, -, -, -, -, -, -, -, 2% 1-5mm thick irregular carb veinlets
335.00, 338.00, CBT, 3.00, -, -, -, -, -, -, -, -, -, -, 3% irregular 1-5mm thick carb veinlets
342.60, 344.10, CBT, 2.00, -, -, -, -, -, -, -, -, -, -, 2-3% irregular and discontinuous mm scale carb veinlets
390.00, 394.50, ANK, 3.00, -, -, -, -, -, -, -, -, -, -, 3% irregular and chaotic mm scale white fe-carb veinlets
397.00, 401.00, ANK, 5.00, -, -, -, -, -, -, -, -, -, -, 5% irregular and chaotic mm scale white fe-carb veinlets
401.00, 406.90, ANK, 2.00, -, -, -, -, -, -, -, -, -, -, 2% irregular and chaotic mm scale white fe-carb veinlets

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122334 | 376.5 | 377.6 | 1.1 | 0.010 | | | | 2.83 |
| CAOND122335 | 377.6 | 378.6 | 1.0 | 0.054 | | | | 2.86 |
| CAOND122336 | 378.6 | 379.6 | 1.0 | 0.008 | | | | 2.75 |
| CAOND122337 | 379.6 | 381.0 | 1.4 | 0.086 | | | | 2.85 |
| CAOND122338 | 381.0 | 382.5 | 1.5 | 0.012 | | | | 2.85 |
| CAOND122339 | 382.5 | 384.0 | 1.5 | 0.010 | | | | 2.85 |
| CAOND122340 | 384.0 | 385.5 | 1.5 | 0.012 | | | | 2.85 |
| CAOND122341 | 385.5 | 387.0 | 1.5 | 0.015 | | | | 2.84 |
| CAOND122342 | 387.0 | 388.5 | 1.5 | 0.006 | | | | 2.83 |
| CAOND122343 | 388.5 | 390.0 | 1.5 | 0.018 | | | | 2.83 |
| CAOND122344 | 390.0 | 391.5 | 1.5 | 0.099 | | | | 2.84 |
| CAOND122346 | 391.5 | 393.0 | 1.5 | 0.014 | | | | 2.81 |
| CAOND122347 | 393.0 | 394.5 | 1.5 | 0.020 | | | | 2.84 |
| CAOND122348 | 394.5 | 396.0 | 1.5 | 0.014 | | | | 2.88 |
| CAOND122349 | 396.0 | 397.5 | 1.5 | 0.012 | | | | 2.86 |
| CAOND122351 | 397.5 | 399.0 | 1.5 | 0.021 | | | | 2.88 |
| CAOND122352 | 399.0 | 400.5 | 1.5 | 0.005 | | | | 2.87 |
| CAOND122353 | 400.5 | 402.0 | 1.5 | 0.003 | | | | 2.87 |
| CAOND122354 | 402.0 | 403.5 | 1.5 | 0.007 | | | | 2.88 |
| CAOND122355 | 403.5 | 405.0 | 1.5 | 2.250 | | | | 2.89 |
| CAOND122356 | 405.0 | 406.0 | 1.0 | 0.032 | | | | 2.88 |
| CAOND122357 | 406.0 | 406.9 | 0.9 | 0.113 | | | | 2.98 |

## Hole number: KLUC19-538

**Major:** **From:** 406.90 **To:** 486.80 V8Agg, Trachyte Agglomerate

XRF UNIT 3 (Orange) - ALKALINE (HighZr) Composition: Dominantly medium purplish grey to brown and greenish grey to brown colour with minor reddish intervals, dominantly massive texutre with local "tony the tiger" texture; V8 - Trachyte Agglomerate (temporary name). Magnetism: Strongly magnetic. Veinning: 1% irregular and chaotic microfracture filled carbonate veinlets. Structure: Dominantly weakly deformed with weak preferential alignment with loca intervals of moderate preferential alignment at 30-40 TCA. Alteration: Weak to moderate pervasive Fe-carb alteration. Mineralization: Dominantly 0.1-0.5% very fine grained Py dusting with local intervals of 5-10 and 10-15% Py dusting over 1-4m thick intervals. Lower Contact: Gradational, contact was estimated based on XRF data and slight textural change.

### MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

406.90, 417.40, PYR, DIS, .50, -, VFG, 0.1-0.5% very fine grained dissemianted PY
417.40, 419.40, PYR, DIS, 10.00, -, VFG, 10-15% very fine grained dissemianted PY
419.40, 423.00, PYR, DIS, .50, -, VFG, 0.1-0.5% very fine grained dissemianted PY
423.00, 425.00, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained dissemianted PY
425.00, 429.00, PYR, DIS, .50, -, VFG, 0.5% very fine grained dissemianted PY
429.00, 430.00, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained dissemianted PY
430.00, 435.00, PYR, DIS, .50, -, VFG, 0.1-0.5% very fine grained dissemianted PY
435.00, 436.00, PYR, DIS, 5.00, -, VFG, 5% very fine grained Py disseminated
436.00, 446.00, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained dissemianted PY
446.00, 456.00, PYR, DIS, 10.00, -, VFG, 10-15% very fine grained dissemianted PY
456.00, 462.00, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained dissemianted PY
462.00, 464.00, PYR, DIS, 10.00, -, VFG, 10-15% very fine grained dissemianted PY
464.00, 472.00, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained dissemianted PY
472.00, 474.00, PYR, DIS, 3.00, -, VFG, 3-5% very fine grained dissemianted PY
474.00, 479.00, PYR, DIS, 1.00, -, VFG, 0.5-1% very fine grained dissemianted PY
475.00, 482.00, MAG, FRF, 3.00, -, -, 3% mm scale microfracture filling magnetite
479.00, 482.00, PYR, DIS, 5.00, -, VFG, 5% very fine grained dissemianted PY
482.00, 486.80, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained dissemianted PY

### ALTERATION

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

406.90, 486.80, ANK+, PEN, MOD, -, -, -, Moderate to weak pervasive Fe-carb alteration, random tests stained blue
417.40, 419.00, KFS+, PEN, WEAK, -, -, -, Weak to moderate pervasive kspar alteration
467.00, 486.80, KFS+, PAT, MOD, -, -, -, Moderate kspar alteration occuring as irregular and random patches and spots

### STRUCTURE

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

406.90, 486.80, DFZ, WEAK, -, -, -, -, Weak to moderate deformation with local preferential alignment at 30-40 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122358 | 406.9 | 408.0 | 1.1 | 0.018 | | | | 2.96 |
| CAOND122359 | 408.0 | 409.5 | 1.5 | 0.009 | | | | 2.95 |
| CAOND122361 | 409.5 | 411.0 | 1.5 | 0.009 | | | | 2.97 |
| CAOND122362 | 411.0 | 412.5 | 1.5 | 0.015 | | | | 2.97 |
| CAOND122363 | 412.5 | 414.0 | 1.5 | 0.022 | | | | 2.98 |
| CAOND122364 | 414.0 | 415.5 | 1.5 | 0.018 | | | | 2.98 |
| CAOND122365 | 415.5 | 417.0 | 1.5 | 0.026 | | | | 2.99 |
| CAOND122366 | 417.0 | 418.0 | 1.0 | 3.250 | | | | 3.01 |
| CAOND122367 | 418.0 | 419.0 | 1.0 | 0.435 | | | | 3.02 |
| CAOND122368 | 419.0 | 420.0 | 1.0 | 0.106 | | | | 3.00 |
| CAOND122369 | 420.0 | 421.5 | 1.5 | 0.023 | | | | 2.98 |
| CAOND122371 | 421.5 | 423.0 | 1.5 | 0.031 | | | | 2.95 |
| CAOND122372 | 423.0 | 424.5 | 1.5 | 0.078 | | | | 3.00 |
| CAOND122373 | 424.5 | 426.0 | 1.5 | 0.028 | | | | 2.99 |
| CAOND122374 | 426.0 | 427.5 | 1.5 | 0.029 | | | | 2.96 |
| CAOND122376 | 427.5 | 429.0 | 1.5 | 0.046 | | | | 2.99 |
| CAOND122377 | 429.0 | 430.5 | 1.5 | 0.021 | | | | 2.99 |
| CAOND122378 | 430.5 | 432.0 | 1.5 | 0.017 | | | | 2.99 |
| CAOND122379 | 432.0 | 433.5 | 1.5 | 0.032 | | | | 2.97 |
| CAOND122381 | 433.5 | 435.0 | 1.5 | 0.036 | | | | 2.98 |
| CAOND122382 | 435.0 | 436.5 | 1.5 | 0.059 | | | | 2.96 |
| CAOND122383 | 436.5 | 438.0 | 1.5 | 0.044 | | | | 2.99 |
| CAOND122384 | 438.0 | 439.5 | 1.5 | 0.071 | | | | 2.98 |
| CAOND122385 | 439.5 | 441.0 | 1.5 | 0.051 | | | | 2.98 |
| CAOND122386 | 441.0 | 442.5 | 1.5 | 0.040 | | | | 2.96 |
| CAOND122387 | 442.5 | 444.0 | 1.5 | 0.040 | | | | 2.97 |
| CAOND122388 | 444.0 | 445.5 | 1.5 | 0.036 | | | | 2.94 |
| CAOND122389 | 445.5 | 447.0 | 1.5 | 0.099 | | | | 3.00 |
| CAOND122391 | 447.0 | 448.5 | 1.5 | 0.194 | | | | 3.02 |
| CAOND122392 | 448.5 | 450.0 | 1.5 | 0.131 | | | | 2.97 |
| CAOND122393 | 450.0 | 451.5 | 1.5 | 0.175 | | | | 3.01 |
| CAOND122394 | 451.5 | 453.0 | 1.5 | 0.359 | | | | 3.03 |
| CAOND122395 | 453.0 | 454.5 | 1.5 | 0.353 | | | | 3.00 |

**Hole number:** KLUC19-538

406.90, 486.80, FOL, WEAK, 30.00, -, -, -, Local weak to moderate preferential alignment at 30-40 TCA

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

467.00, 474.00, ANK, 3.00, -, -, -, -, -, -, -, -, -, 3% irregular and chaotic mm scale white fe-carb veinlets

473.00, 474.00, QTZ, 3.00, -, -, -, -, -, -, -, -, -, 3% irregular and discontinuous bluish grey qtz veinning 1-2cm thick

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122396 | 454.5 | 456.0 | 1.5 | 17.350 | | | | 2.97 |
| CAOND122397 | 456.0 | 457.5 | 1.5 | 0.041 | | | | 2.99 |
| CAOND122398 | 457.5 | 459.0 | 1.5 | 0.041 | | | | 2.96 |
| CAOND122399 | 459.0 | 460.5 | 1.5 | 0.030 | | | | 2.98 |
| CAOND122401 | 460.5 | 462.0 | 1.5 | 0.044 | | | | 2.95 |
| CAOND122402 | 462.0 | 463.5 | 1.5 | 0.228 | | | | 2.93 |
| CAOND122403 | 463.5 | 465.0 | 1.5 | 0.052 | | | | 2.97 |
| CAOND122404 | 465.0 | 466.5 | 1.5 | 0.031 | | | | 2.95 |
| CAOND122405 | 466.5 | 468.0 | 1.5 | 0.089 | | | | 2.95 |
| CAOND122406 | 468.0 | 469.5 | 1.5 | 0.111 | | | | 2.97 |
| CAOND122407 | 469.5 | 471.0 | 1.5 | 0.084 | | | | 2.95 |
| CAOND122408 | 471.0 | 472.5 | 1.5 | 0.077 | | | | 2.95 |
| CAOND122409 | 472.5 | 474.0 | 1.5 | 0.277 | | | | 3.00 |
| CAOND122410 | 474.0 | 475.5 | 1.5 | 0.397 | | | | 2.95 |
| CAOND122411 | 475.5 | 477.0 | 1.5 | 2.180 | | | | 2.91 |
| CAOND122412 | 477.0 | 478.5 | 1.5 | 1.115 | | | | 2.96 |
| CAOND122413 | 478.5 | 480.0 | 1.5 | 0.065 | | | | 2.96 |
| CAOND122414 | 480.0 | 481.5 | 1.5 | 0.197 | | | | 2.97 |
| CAOND122416 | 481.5 | 483.0 | 1.5 | 0.485 | | | | 2.94 |
| CAOND122417 | 483.0 | 484.5 | 1.5 | 0.031 | | | | 2.94 |
| CAOND122418 | 484.5 | 485.7 | 1.2 | 0.071 | | | | 2.94 |
| CAOND122419 | 485.7 | 486.8 | 1.1 | 0.137 | | | | 2.92 |

**Major:** **From:** 486.80 **To:** 494.00 V8, Trachyte

XRF UNIT 2 (GREEN) - ALKALINE (Low Zr) Composition: Medium reddish and purplish grey, fine grained and massive; V8 - Trachyte (temporary name). Magnetism: Strongly magnetic. Veinning: 1% mm scale irregular carbonate veinlets. Structure: Undeformed. Alteration: Moderate to strong pervasive Fe-carb and Kspar. Mineralization: 0.5-1% very fine grained disseminated Py. Lower Contact: Sharp and slightly irregular; oriented at 50 TCA.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

486.80, 494.00, PYR, DIS, .50, -, VFG, 0.5-1% very fine grained dissemianted PY

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

486.80, 494.00, ANK+, PEN, MOD, -, -, -, Moderate to weak pervasive Fe-carb alteration, random tests stained blue

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122421 | 486.8 | 488.0 | 1.2 | 0.772 | | | | 2.87 |
| CAOND122422 | 488.0 | 489.5 | 1.5 | 0.425 | | | | 2.88 |
| CAOND122423 | 489.5 | 491.0 | 1.5 | 0.029 | | | | 2.86 |
| CAOND122424 | 491.0 | 492.5 | 1.5 | 0.009 | | | | 2.86 |
| CAOND122426 | 492.5 | 494.0 | 1.5 | 0.014 | | | | 2.85 |

**Hole number:** KLUC19-538

486.80, 494.00, KFS+, PEN, MOD, -, -, -, Weak to moderate pervasive kspar alteration

**Major:** **From:** 494.00 **To:** 500.20 I2Dmp, Syenite mafic porphyryitic

Composition: Medium purplish grey with 20-30% flattened medium to coarse grained feldspar phenocrysts and 2-3% very fine grained amphibole phenocrysts, porphyrytic texture; I2Dmp - Syenite mafic porphyry. Magnetism: Weakly magnetic. Veinning: Less than 1% microfracture filled carb veinlets. Structure: Moderate deformation oriented parallel at 40-50 TCA. Alteration: Weak carbonate alteration Mineralization: Rare very fine grained PY. Lower Contact: Sharp and straight; oriented at 40 TCA

**MINOR INTERVAL**

497.40 - 497.60: V820cm thick minor interval of Alkaline (unit 2)

**MINOR INTERVAL**

497.90 - 498.60: V8Minor interval of massive Alkaline (unit 2)

**TEXTURE**

TYPE/COLOR/GRAIN_SIZE/COMMENTS

494.00, 497.40, POR, -, -, -
497.60, 497.90, POR, -, -, -
498.60, 500.20, POR, -, -, -

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

494.00, 500.20, DFZ, MOD, 40.00, -, -, -, Moderate to strong parallel deformation at 40-50 TCA
494.00, 500.20, FOL, MOD, 40.00, -, -, -, Moderate to strong foliation at 40-50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122427 | 494.0 | 495.5 | 1.5 | 0.003 | | | | 2.74 |
| CAOND122428 | 495.5 | 496.4 | 0.9 | 0.003 | | | | 2.74 |
| CAOND122429 | 496.4 | 497.4 | 1.0 | 0.003 | | | | 2.76 |
| CAOND122431 | 497.4 | 498.6 | 1.2 | 0.006 | | | | 2.85 |
| CAOND122432 | 498.6 | 499.2 | 0.6 | 0.012 | | | | 2.77 |
| CAOND122433 | 499.2 | 500.2 | 1.0 | 0.003 | | | | 2.75 |

**Major:** **From:** 500.20 **To:** 607.60 V8, Trachyte

XRF UNIT 2 (GREEN) - ALKALINE (Low Zr) Composition: Medium grey with dark and paler grey patches, fine grained, massive and homogeneous texture alternating with clasts, brecciated? and chaotic intervals; V8 - Trachyte (temporary name). Magnetism: Strongly magnetic except in Py mineralized intervals that are none magnetic. Veinning: 1% irregular qtz-carb and carb veinning. Structure: Moderate deformation with weak preferential alignment at 30-40 TCA. Alteration: Strong pervasive calcite and ankerite alteration occuring in alternating intervals. Mineralization: 0.1-0.5% py mineralization with local intervals with 10-15% very fine grained PY over 1-2m. Lower Contact: Sharp and relatively straight; oriented at 80 TCA

**TEXTURE**

TYPE/COLOR/GRAIN_SIZE/COMMENTS

500.20, 514.00, TFA, -, -, -
514.00, 518.00, FGT, -, -, -
553.00, 564.00, MAS, -, -, -
564.00, 566.00, FGT, -, -, -
566.00, 572.00, TFA, -, -, -
587.00, 607.60, CAO, -, -, -
587.00, 607.60, FGT, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122434 | 500.2 | 501.5 | 1.3 | 0.026 | | | | 2.86 |
| CAOND122435 | 501.5 | 503.0 | 1.5 | 0.025 | | | | 2.86 |
| CAOND122436 | 503.0 | 504.5 | 1.5 | 0.022 | | | | 2.88 |
| CAOND122437 | 504.5 | 506.0 | 1.5 | 0.026 | | | | 2.86 |
| CAOND122438 | 506.0 | 507.5 | 1.5 | 0.041 | | | | 2.85 |
| CAOND122439 | 507.5 | 509.0 | 1.5 | 0.023 | | | | 2.86 |
| CAOND122440 | 509.0 | 510.5 | 1.5 | 0.021 | | | | 2.86 |
| CAOND122441 | 510.5 | 512.0 | 1.5 | 0.024 | | | | 2.86 |
| CAOND122442 | 512.0 | 513.5 | 1.5 | 0.378 | | | | 2.88 |
| CAOND122443 | 513.5 | 515.0 | 1.5 | 0.082 | | | | 2.85 |
| CAOND122444 | 515.0 | 516.5 | 1.5 | 0.023 | | | | 2.86 |
| CAOND122446 | 516.5 | 518.0 | 1.5 | 0.104 | | | | 2.82 |
| CAOND122447 | 518.0 | 519.5 | 1.5 | 0.067 | | | | 2.86 |

**Hole number:** KLUC19-538

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

512.50, 514.00, PYR, DIS, 15.00, -, VFG, 10-15% very fine grained disseminated PY
514.00, 518.00, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained disseminated PY
518.00, 519.00, PYR, DIS, 8.00, -, VFG, 5-8% very fine grained dissemianted PY
552.00, 552.50, PYR, DIS, 5.00, -, FGR, 5% fine grained dissemianted Py
572.00, 577.00, PYR, DIS, 2.00, -, VFG, 2-3% fine grained dissemianted Py
588.00, 590.00, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained dissemianted Py
599.00, 604.00, PYR, DIS, 3.00, -, VFG, 3-5% very fine grained dissemianted Py
604.00, 607.60, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained dissemianted Py

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

500.20, 535.00, CAL+, PEN, STRONG, -, -, -, Strong pervasive calcite alteration
535.00, 553.00, ANK+, PEN, MOD, -, -, -, Moderate to strong pervasive Fe-Carb alteration, local tests stained blue
553.00, 572.00, CAL+, PAT, STRONG, -, -, -, Strong to moderate patchy to pervasive calcite alteration
572.00, 577.00, ANK+, PAT, MOD, -, -, -, Moderate patchy Fe-Carb alteration, stained blue
577.00, 587.00, CAL+, PEN, MOD, -, -, -, Moderate to strong pervasive calcite alteration
587.00, 591.00, ANK+, PAT, MOD, -, -, -, Moderate to strong patchy Fe-Carb alteration
591.00, 598.00, CAL+, PAT, MOD, -, -, -, Moderate to strong pervasive calcite alteration
598.00, 604.00, ANK+, PAT, STRONG, -, -, -, Strong patchy to pervasive Fe-Carb alteration
604.00, 605.10, KFS+, PAT, MOD, -, -, -, Moderate kspar aleration occuring in patches among remainning host rock between network of veinning

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

504.00, 506.00, QtzCbt, 3.00, -, -, -, -, -, -, -, -, -, 3% irregular qtz-carb veinning
570.00, 572.50, QtzCbt, 3.00, -, -, -, -, -, -, -, -, -, 3% irregular qtz-carb veinning
601.00, 604.00, CBT, 3.00, -, -, -, -, -, -, -, -, -, 3% irregular mm scale carb veinning
604.00, 605.10, QtzCbt, 60.00, -, -, -, -, -, -, -, -, -, 60-70% irregular, chaotic, mm scale and disontinous qtz and qtz-carb veinning
605.10, 606.50, QtzCbt, 2.00, -, -, -, -, -, -, -, -, -, 2-3% irregular, chaotic, mm scale and disontinous qtz and qtz-carb veinning

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122448 | 519.5 | 521.0 | 1.5 | 0.005 | | | | 2.86 |
| CAOND122449 | 521.0 | 522.5 | 1.5 | 0.012 | | | | 2.86 |
| CAOND122451 | 522.5 | 524.0 | 1.5 | 0.021 | | | | 2.86 |
| CAOND122452 | 524.0 | 525.5 | 1.5 | 0.021 | | | | 2.87 |
| CAOND122453 | 525.5 | 527.0 | 1.5 | 0.019 | | | | 2.86 |
| CAOND122454 | 527.0 | 528.5 | 1.5 | 0.028 | | | | 2.84 |
| CAOND122455 | 528.5 | 530.0 | 1.5 | 0.006 | | | | 2.83 |
| CAOND122456 | 530.0 | 531.5 | 1.5 | 0.009 | | | | 2.82 |
| CAOND122457 | 531.5 | 533.0 | 1.5 | 0.007 | | | | 2.83 |
| CAOND122458 | 533.0 | 534.5 | 1.5 | 0.011 | | | | 2.83 |
| CAOND122459 | 534.5 | 536.0 | 1.5 | 0.047 | | | | 2.85 |
| CAOND122461 | 536.0 | 537.5 | 1.5 | 0.029 | | | | 2.83 |
| CAOND122462 | 537.5 | 539.0 | 1.5 | 0.037 | | | | 2.88 |
| CAOND122463 | 539.0 | 540.5 | 1.5 | 0.120 | | | | 2.88 |
| CAOND122464 | 540.5 | 542.0 | 1.5 | 0.040 | | | | 2.91 |
| CAOND122465 | 542.0 | 543.5 | 1.5 | 0.045 | | | | 2.86 |
| CAOND122466 | 543.5 | 545.0 | 1.5 | 0.009 | | | | 2.87 |
| CAOND122467 | 545.0 | 546.5 | 1.5 | 0.005 | | | | 2.86 |
| CAOND122468 | 546.5 | 548.0 | 1.5 | 0.007 | | | | 2.88 |
| CAOND122469 | 548.0 | 549.5 | 1.5 | 0.020 | | | | 2.86 |
| CAOND122471 | 549.5 | 551.0 | 1.5 | 0.053 | | | | 2.84 |
| CAOND122472 | 551.0 | 552.5 | 1.5 | 0.626 | | | | 2.86 |
| CAOND122473 | 552.5 | 554.0 | 1.5 | 0.040 | | | | 2.86 |
| CAOND122474 | 554.0 | 555.5 | 1.5 | 0.010 | | | | 2.81 |
| CAOND122476 | 555.5 | 557.0 | 1.5 | 0.005 | | | | 2.81 |
| CAOND122477 | 557.0 | 558.5 | 1.5 | 0.003 | | | | 2.81 |
| CAOND122478 | 558.5 | 560.0 | 1.5 | 0.003 | | | | 2.83 |
| CAOND122479 | 560.0 | 561.5 | 1.5 | 0.032 | | | | 2.82 |
| CAOND122481 | 561.5 | 563.0 | 1.5 | 0.023 | | | | 2.84 |
| CAOND122482 | 563.0 | 564.5 | 1.5 | 0.020 | | | | 2.80 |
| CAOND122483 | 564.5 | 566.0 | 1.5 | 0.024 | | | | 2.82 |
| CAOND122484 | 566.0 | 567.5 | 1.5 | 0.035 | | | | 2.84 |
| CAOND122485 | 567.5 | 569.0 | 1.5 | 0.038 | | | | 2.87 |

**Hole number:** KLUC19-538

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122486 | 569.0 | 570.0 | 1.0 | 0.003 | | | | 2.88 |
| CAOND122487 | 570.0 | 571.5 | 1.5 | 0.003 | | | | 2.87 |
| CAOND122488 | 571.5 | 573.0 | 1.5 | 0.005 | | | | 2.87 |
| CAOND122489 | 573.0 | 574.5 | 1.5 | 0.006 | | | | 2.85 |
| CAOND122491 | 574.5 | 576.0 | 1.5 | 0.026 | | | | 2.85 |
| CAOND122492 | 576.0 | 577.5 | 1.5 | 0.021 | | | | 2.84 |
| CAOND122493 | 577.5 | 579.0 | 1.5 | 0.003 | | | | 2.82 |
| CAOND122494 | 579.0 | 580.5 | 1.5 | 0.014 | | | | 2.84 |
| CAOND122495 | 580.5 | 582.0 | 1.5 | 0.003 | | | | 2.83 |
| CAOND122496 | 582.0 | 583.5 | 1.5 | 0.003 | | | | 2.83 |
| CAOND122497 | 583.5 | 585.0 | 1.5 | 0.003 | | | | 2.84 |
| CAOND122498 | 585.0 | 586.5 | 1.5 | 0.003 | | | | 2.86 |
| CAOND122499 | 586.5 | 588.0 | 1.5 | 0.009 | | | | 2.85 |
| CAOND122501 | 588.0 | 589.5 | 1.5 | 0.130 | | | | 2.85 |
| CAOND122502 | 589.5 | 591.0 | 1.5 | 0.014 | | | | 2.83 |
| CAOND122503 | 591.0 | 592.5 | 1.5 | 0.011 | | | | 2.86 |
| CAOND122504 | 592.5 | 594.0 | 1.5 | 0.008 | | | | 2.86 |
| CAOND122505 | 594.0 | 595.5 | 1.5 | 0.023 | | | | 2.84 |
| CAOND122506 | 595.5 | 597.0 | 1.5 | 0.019 | | | | 2.86 |
| CAOND122507 | 597.0 | 598.5 | 1.5 | 0.009 | | | | 2.85 |
| CAOND122508 | 598.5 | 600.0 | 1.5 | 0.136 | | | | 2.86 |
| CAOND122509 | 600.0 | 601.5 | 1.5 | 0.791 | | | | 2.86 |
| CAOND122510 | 601.5 | 603.0 | 1.5 | 0.049 | | | | 2.87 |
| CAOND122511 | 603.0 | 604.0 | 1.0 | 0.279 | | | | 2.89 |
| CAOND122512 | 604.0 | 605.3 | 1.3 | 0.172 | | | | 2.84 |
| CAOND122513 | 605.3 | 606.5 | 1.2 | 0.043 | | | | 2.86 |
| CAOND122514 | 606.5 | 607.6 | 1.1 | 0.039 | | | | 2.88 |

**Major:** **From:** 607.60 **To:** 608.30 I2Dmp, Syenite mafic porphyryitic

Composition: Medium to dark purplish grey, porphyrytic texture; I2Dmp - Syenite mafic porphyry. Magnetism: Non magnetic. Veinning: 2% mm scale microfracture filled carb veinlets. Structure: Moderately deformed. Alteration: Weak carbonate alteration. Mineralization: None. Lower Contact: Sharp and straight; oriented at 50 TCA

**TEXTURE**

TYPE/COLOR/GRAIN_SIZE/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122516 | 607.6 | 608.3 | 0.7 | 0.005 | | | | 2.74 |

**Hole number:** KLUC19-538

607.60, 608.30, POR, -, -, -

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
607.60, 608.30, DFZ, MOD, -, -, -, -, Moderately deformed

**Major:** **From:** 608.30 **To:** 609.30 V8, Trachyte

XRF UNIT 2 (GREEN) - ALKALINE (Low Zr) Composition: Medium to dark grey with medium pinkish grey patches, fine grained, massive to chaotic texture; V8 - Trachyte (temporary name). Magnetism: Strongly magnetic. Veinning: Less than 1% irregular, mm scale qtz-carb and carb veinning. Structure: Moderate chaotic deformation. Alteration: Strong pervasive calcite. Mineralization: 2-3% very fine grained PY dusting. Lower Contact: Sharp and relatively straight; oriented at 80 TCA

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
608.30, 609.30, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained dissemianted Py

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
608.30, 609.30, CAL+, PEN, STRONG, -, -, -, Strong pervasive calcite alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122517 | 608.3 | 609.3 | 1.0 | 0.046 | | | | 2.87 |

**Major:** **From:** 609.30 **To:** 614.90 FP, Feldspar porphyry

Composition: Medium orangish and dark reddish purple matrix with 20-25% medium subhedral medium bluish grey feldspar phenocrysts; porphyritic texture; FP - Feldspar poprhyry. Magnetism: Moderate to strongly magnetic. Veinning: 2-3% irregular qtz-carb veinning. Structure: Undeformed. Alteration: Moderate pervasive kspar alteration. Mineralization: 5-8% very fine grained disseminated PY. Lower Contact: Sharp but irregular.

**TEXTURE**
TYPE/COLOR/GRAIN_SIZE/COMMENTS
609.30, 614.90, POR, -, -, -

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
609.30, 614.90, PYR, DIS, 5.00, -, VFG, 5-8% very fine grained dissemianted Py

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
609.30, 613.00, KFS+, PEN, MOD, -, -, -, Moderate pervasive kspar alteration

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
609.30, 614.90, QtzCbt, 2.00, -, -, -, -, -, -, -, -, 2-3% irregular, chaotic, mm scale and disontinous qtz and qtz-carb veinning

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122518 | 609.3 | 610.5 | 1.2 | 0.080 | | | | 2.74 |
| CAOND122519 | 610.5 | 612.0 | 1.5 | 0.038 | | | | 2.73 |
| CAOND122521 | 612.0 | 613.5 | 1.5 | 0.071 | | | | 2.73 |
| CAOND122522 | 613.5 | 614.9 | 1.4 | 0.041 | | | | 2.76 |

## Hole number: KLUC19-538

**Major:** **From:** 614.90 **To:** 627.60 V8, Trachyte

XRF UNIT 2 (GREEN) - ALKALINE (Low Zr) Composition: Dominantly medium with dark and pale grey patches, fine grained, massive to chaotic texture; V8 - Trachyte (temporary name). Magnetism: Strongly magnetic. Veinning: Less than 1% irregular, mm scale qtz-carb and carb veinning with 5% qtz-carb veinning between 625-627.6m. Structure: Moderate to strong parallel deformation oriented at 20-30 TCA. Alteration: Strong pervasive calcite. Mineralization: Local 5-8% very fine grained PY dusting. Lower Contact: Gradational.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

614.90, 624.50, PYR, DIS, .50, -, VFG, 0.5% very fine grained dissemianted Py
624.50, 627.60, PYR, DIS, 5.00, -, VFG, 5-8% very fine grained dissemianted Py

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

614.90, 627.60, CAL+, PEN, STRONG, -, -, -, Strong pervasive calcite alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

614.90, 627.60, DFZ, MOD, 20.00, -, -, -, Moderate to strong parallel deformation at 20-30 TCA
614.90, 627.60, FOL, MOD, 20.00, -, -, -, Weak to moderate foliation at 20-30 TCA

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

624.50, 627.60, QtzCbt, 5.00, -, -, -, -, -, -, -, -, -, 5% irregular, chaotic, mm scale and disontinous qtz and qtz-carb veinning

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122523 | 614.9 | 616.0 | 1.1 | 0.020 | | | | 2.85 |
| CAOND122524 | 616.0 | 617.5 | 1.5 | 0.008 | | | | 2.85 |
| CAOND122526 | 617.5 | 619.0 | 1.5 | 0.011 | | | | 2.85 |
| CAOND122527 | 619.0 | 620.5 | 1.5 | 0.021 | | | | 2.83 |
| CAOND122528 | 620.5 | 622.0 | 1.5 | 0.011 | | | | 2.82 |
| CAOND122529 | 622.0 | 623.5 | 1.5 | 0.006 | | | | 2.83 |
| CAOND122531 | 623.5 | 624.5 | 1.0 | 0.015 | | | | 2.81 |
| CAOND122532 | 624.5 | 626.0 | 1.5 | 0.047 | | | | 2.87 |
| CAOND122533 | 626.0 | 626.9 | 0.9 | 0.052 | | | | 2.84 |
| CAOND122534 | 626.9 | 627.6 | 0.7 | 0.046 | | | | 2.88 |

**Major:** **From:** 627.60 **To:** 655.20 V8, Trachyte

XRF UNIT 2 (GREEN) - ALKALINE (Low Zr) Composition: Appears to be different composition, texture and grain size from adjacant unit above. Dominantly dark grey with white to pale grey spots, fine to medium grained and massive to weakly porphyritic texture; V8 - Trachyte (temporary name). Magnetism: Non to weakly magnetic. Veinning: 5% irregular and chaotic mm scale calcite veinlets Structure: Weak parallel deformation. Alteration: Strong pervasive calcite. Mineralization: 1% very fine grained PY dusting, locally 3-5%. Lower Contact: Sharp but irregular; trending at 80 TCA. 647-655.2m = resembles previous adjacant unit, finer grained, clastic/brecciated/fragmented.

**TEXTURE**

TYPE/COLOR/GRAIN_SIZE/COMMENTS

651.00, 655.20, FGT, -, -, -

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

627.60, 635.00, PYR, DIS, 1.00, -, VFG, 1% very fine grained dissemianted Py

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122535 | 627.6 | 629.0 | 1.4 | 0.026 | | | | 2.81 |
| CAOND122536 | 629.0 | 630.5 | 1.5 | 0.013 | | | | 2.77 |
| CAOND122537 | 630.5 | 632.0 | 1.5 | 0.023 | | | | 2.79 |
| CAOND122538 | 632.0 | 633.5 | 1.5 | 0.016 | | | | 2.81 |
| CAOND122539 | 633.5 | 635.0 | 1.5 | 0.009 | | | | 2.80 |
| CAOND122540 | 635.0 | 636.5 | 1.5 | 0.009 | | | | 2.79 |
| CAOND122541 | 636.5 | 638.0 | 1.5 | 0.007 | | | | 2.80 |
| CAOND122542 | 638.0 | 639.5 | 1.5 | 0.011 | | | | 2.80 |
| CAOND122543 | 639.5 | 641.0 | 1.5 | 0.008 | | | | 2.80 |
| CAOND122544 | 641.0 | 642.5 | 1.5 | 0.015 | | | | 2.80 |

**Hole number:** KLUC19-538

646.00, 655.20, PYR, DIS, .50, -, VFG, 0.5-1% very fine grained dissemianted PY

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
627.60, 655.20, CAL+, PEN, STRONG, -, -, -, Strong pervasive calcite alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
627.60, 655.20, DFZ, WEAK, -, -, -, -, Weak parallel deformation
649.30, 650.50, BRR, -, -, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122546 | 642.5 | 644.0 | 1.5 | 0.006 | | | | 2.79 |
| CAOND122547 | 644.0 | 645.5 | 1.5 | 0.012 | | | | 2.80 |
| CAOND122548 | 645.5 | 647.0 | 1.5 | 0.009 | | | | 2.78 |
| CAOND122549 | 647.0 | 648.5 | 1.5 | 0.031 | | | | 2.85 |
| CAOND122551 | 648.5 | 650.0 | 1.5 | 0.036 | | | | 2.85 |
| CAOND122552 | 650.0 | 651.5 | 1.5 | 0.044 | | | | 2.85 |
| CAOND122553 | 651.5 | 653.0 | 1.5 | 0.032 | | | | 2.82 |
| CAOND122554 | 653.0 | 654.5 | 1.5 | 0.037 | | | | 2.84 |
| CAOND122555 | 654.5 | 655.2 | 0.7 | 0.036 | | | | 2.85 |

**Major:** **From:** 655.20 **To:** 662.00 FP, Feldspar porphyry

Composition: Medium orangish and dark reddish purple matrix with 20-25% medium subhedral medium bluish grey feldspar phenocrysts; porphyritic texture; FP - Feldspar poprhyry. Magnetism: Moderate to strongly magnetic. Veinning: 1% microfracture filled carb veinlets. Structure: Undeformed. Alteration: Weak pervasive kspar alteration. Mineralization: 2-3% very fine grained disseminated PY. Lower Contact: Sharp but irregular. Trending parallel to core over 10cm.

**TEXTURE**
TYPE/COLOR/GRAIN_SIZE/COMMENTS
655.20, 662.00, POR, -, -, -

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
655.20, 662.00, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained dissemianted Py

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122556 | 655.2 | 656.5 | 1.3 | 0.024 | | | | 2.73 |
| CAOND122557 | 656.5 | 658.0 | 1.5 | 0.025 | | | | 2.72 |
| CAOND122558 | 658.0 | 659.5 | 1.5 | 0.005 | | | | 2.71 |
| CAOND122559 | 659.5 | 661.0 | 1.5 | 0.005 | | | | 2.71 |
| CAOND122561 | 661.0 | 662.0 | 1.0 | 0.098 | | | | 2.72 |

**Major:** **From:** 662.00 **To:** 709.10 V8, Trachyte

XRF UNIT 2 (GREEN) - ALKALINE (Low Zr) Composition: Dark grey with white to pale grey spots and stringers, fine to medium grained with massive texture; V8 - Trachyte (temporary name). Magnetism: Non to weakly magnetic. Veinning: 5% irregular and chaotic mm scale calcite veinlets Structure: Weak to moderate parallel deformation. Alteration: Strong pervasive calcite. Mineralization: 1-2% very fine grained (microscopic) PY dusting Lower Contact: Sharp and oriented at 40 TCA

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
662.00, 688.00, PYR, DIS, .50, -, VFG, 0.5-2% microscopic PY dusting
688.00, 692.00, PYR, DIS, 2.00, -, VFG, 2-3% microscopic PY dusting
692.00, 706.00, PYR, DIS, .50, -, VFG, 0.5-1% microscopic PY dusting
706.00, 709.10, PYR, DIS, 5.00, -, VFG, 3-5% microscopic PY dusting

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122562 | 662.0 | 663.5 | 1.5 | 0.009 | | | | 2.79 |
| CAOND122563 | 663.5 | 665.0 | 1.5 | 0.007 | | | | 2.79 |
| CAOND122564 | 665.0 | 666.5 | 1.5 | 0.009 | | | | 2.79 |
| CAOND122565 | 666.5 | 668.0 | 1.5 | 0.011 | | | | 2.80 |
| CAOND122566 | 668.0 | 669.5 | 1.5 | 0.003 | | | | 2.80 |
| CAOND122567 | 669.5 | 671.0 | 1.5 | 0.003 | | | | 2.81 |
| CAOND122568 | 671.0 | 672.5 | 1.5 | 0.003 | | | | 2.80 |
| CAOND122569 | 672.5 | 674.0 | 1.5 | 0.005 | | | | 2.80 |
| CAOND122571 | 674.0 | 675.5 | 1.5 | 0.003 | | | | 2.81 |
| CAOND122572 | 675.5 | 677.0 | 1.5 | 0.003 | | | | 2.80 |
| CAOND122573 | 677.0 | 678.0 | 1.0 | 0.003 | | | | 2.82 |

**Hole number:** KLUC19-538

662.00, 709.10, CAL+, PEN, STRONG, -, -, -, Strong pervasive calcite alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

662.00, 709.10, DFZ, WEAK, -, -, -, -, Weak to moderate parallel deformation

662.00, 709.10, FOL, WEAK, 40.00, -, -, -, Weak to moderate foliation at 40-50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122574 | 678.0 | 679.5 | 1.5 | 0.005 | | | | 2.83 |
| CAOND122576 | 679.5 | 681.0 | 1.5 | 0.005 | | | | 2.61 |
| CAOND122577 | 681.0 | 682.5 | 1.5 | 0.014 | | | | 2.85 |
| CAOND122578 | 682.5 | 684.0 | 1.5 | 0.005 | | | | 2.79 |
| CAOND122579 | 684.0 | 685.5 | 1.5 | 0.009 | | | | 2.81 |
| CAOND122581 | 685.5 | 687.0 | 1.5 | 0.018 | | | | 2.85 |
| CAOND122582 | 687.0 | 688.5 | 1.5 | 0.013 | | | | 2.84 |
| CAOND122583 | 688.5 | 690.0 | 1.5 | 0.018 | | | | 2.84 |
| CAOND122584 | 690.0 | 691.5 | 1.5 | 0.024 | | | | 2.86 |
| CAOND122585 | 691.5 | 693.0 | 1.5 | 0.033 | | | | 2.86 |
| CAOND122586 | 693.0 | 694.5 | 1.5 | 0.044 | | | | 2.87 |
| CAOND122587 | 694.5 | 696.0 | 1.5 | 0.206 | | | | 2.85 |
| CAOND122588 | 696.0 | 697.5 | 1.5 | 0.022 | | | | 2.85 |
| CAOND122589 | 697.5 | 699.0 | 1.5 | 0.021 | | | | 2.84 |
| CAOND122591 | 699.0 | 700.5 | 1.5 | 0.018 | | | | 2.85 |
| CAOND122592 | 700.5 | 702.0 | 1.5 | 0.012 | | | | 2.84 |
| CAOND122593 | 702.0 | 703.5 | 1.5 | 0.012 | | | | 2.84 |
| CAOND122594 | 703.5 | 705.0 | 1.5 | 0.018 | | | | 2.81 |
| CAOND122595 | 705.0 | 706.5 | 1.5 | 0.014 | | | | 2.81 |
| CAOND122596 | 706.5 | 708.0 | 1.5 | 0.042 | | | | 2.82 |
| CAOND122597 | 708.0 | 709.1 | 1.1 | 0.089 | | | | 2.83 |

**Major:** **From:** 709.10 **To:** 711.10 FP, Feldspar porphyry

Composition: Medium grey to medium purplis grey, porphyrytic texutre; FP - Feldspar poprhyry. Magnetism: Non magnetic. Veinning: None Structure: Weak preferential alignment and flattening of phenocrysts at 40 TCA. Alteration: Weak calcite. Mineralization: 1-2% very fien grained PY dusting. Lower Contact: Sharp and relatively straight; oriented at 35 TCA

**TEXTURE**

TYPE/COLOR/GRAIN_SIZE/COMMENTS

709.10, 711.10, POR, -, -, -

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

709.10, 711.10, PYR, DIS, 1.00, -, VFG, 1-2% microscopic PY dusting

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122598 | 709.1 | 710.1 | 1.0 | 0.003 | | | | 2.68 |
| CAOND122599 | 710.1 | 711.1 | 1.0 | 0.003 | | | | 2.68 |

## Hole number: KLUC19-538

**Major:** **From:** 711.10 **To:** 739.00 V8, Trachyte

XRF UNIT 2 (GREEN) - ALKALINE (Low Zr) Composition: Dark grey with white to pale grey spots and stringers, fine to medium grained with massive texture; V8 - Trachyte (temporary name). Magnetism: Non to weakly magnetic. Veinning: 5% irregular and chaotic mm scale calcite veinlets Structure: Weak to moderate parallel deformation. Alteration: Strong pervasive calcite. Mineralization: 0.5-1% very fine grained (microscopic) PY dusting locally 5%. Lower Contact: Not reached

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

711.10, 717.00, PYR, DIS, 3.00, -, VFG, 3-5% microscopic PY dusting
717.00, 739.00, PYR, DIS, .50, -, VFG, 0.5-1% microscopic PY dusting

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

711.10, 739.00, CAL+, PEN, STRONG, -, -, -, Strong pervasive calcite alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

711.10, 739.00, DFZ, WEAK, 40.00, -, -, -, Weak to moderate parallel deformation
711.10, 739.00, FOL, WEAK, 40.00, -, -, -, Weak to moderate foliation at 40-50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122601 | 711.1 | 712.5 | 1.4 | 0.035 | | | | 2.80 |
| CAOND122602 | 712.5 | 714.0 | 1.5 | 0.018 | | | | 2.81 |
| CAOND122603 | 714.0 | 715.5 | 1.5 | 0.014 | | | | 2.80 |
| CAOND122604 | 715.5 | 717.0 | 1.5 | 0.016 | | | | 2.80 |
| CAOND122605 | 717.0 | 718.5 | 1.5 | 0.014 | | | | 2.81 |
| CAOND122606 | 718.5 | 720.0 | 1.5 | 0.010 | | | | 2.79 |
| CAOND122607 | 720.0 | 721.5 | 1.5 | 0.009 | | | | 2.80 |
| CAOND122608 | 721.5 | 723.0 | 1.5 | 0.003 | | | | 2.81 |
| CAOND122609 | 723.0 | 724.5 | 1.5 | 0.005 | | | | 2.81 |
| CAOND122610 | 724.5 | 726.0 | 1.5 | 0.009 | | | | 2.81 |
| CAOND122611 | 726.0 | 727.5 | 1.5 | 0.003 | | | | 2.81 |
| CAOND122612 | 727.5 | 729.0 | 1.5 | 0.003 | | | | 2.81 |
| CAOND122613 | 729.0 | 730.5 | 1.5 | 0.003 | | | | 2.81 |
| CAOND122614 | 730.5 | 732.0 | 1.5 | 0.007 | | | | 2.80 |
| CAOND122616 | 732.0 | 733.5 | 1.5 | 0.016 | | | | 2.81 |
| CAOND122617 | 733.5 | 735.0 | 1.5 | 0.012 | | | | 2.81 |
| CAOND122618 | 735.0 | 736.5 | 1.5 | 0.019 | | | | 2.82 |
| CAOND122619 | 736.5 | 738.0 | 1.5 | 0.022 | | | | 2.81 |
| CAOND122621 | 738.0 | 739.0 | 1.0 | 0.035 | | | | 2.80 |

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 34.1 | 36.0 | 58.00 | 100.00 | | | N | |
| 36.0 | 39.0 | 52.00 | 100.00 | | | N | |
| 39.0 | 42.0 | 28.00 | 100.00 | | | N | |
| 42.0 | 45.0 | 37.00 | 100.00 | | | N | |
| 45.0 | 48.0 | 36.00 | 100.00 | | | N | |
| 48.0 | 51.0 | 0.00 | 100.00 | | | N | |
| 51.0 | 54.0 | 53.00 | 100.00 | | | N | |
| 54.0 | 57.0 | 5.00 | 100.00 | | | N | |
| 57.0 | 60.0 | 7.00 | 100.00 | | | N | |
| 60.0 | 63.0 | 40.00 | 100.00 | | | N | |

**Hole number:** KLUC19-538

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 63.0 | 66.0 | 87.00 | 100.00 | | | N | |
| 66.0 | 69.0 | 93.00 | 100.00 | | | N | |
| 69.0 | 72.0 | 75.00 | 100.00 | | | N | |
| 72.0 | 75.0 | 92.00 | 100.00 | | | N | |
| 75.0 | 78.0 | 87.00 | 100.00 | | | N | |
| 78.0 | 81.0 | 78.00 | 100.00 | | | N | |
| 81.0 | 84.0 | 88.00 | 100.00 | | | N | |
| 84.0 | 87.0 | 68.00 | 100.00 | | | N | |
| 87.0 | 90.0 | 57.00 | 100.00 | | | N | |
| 90.0 | 93.0 | 90.00 | 100.00 | | | N | |
| 93.0 | 96.0 | 52.00 | 100.00 | | | N | |
| 96.0 | 99.0 | 77.00 | 100.00 | | | N | |
| 99.0 | 102.0 | 93.00 | 100.00 | | | N | |
| 102.0 | 105.0 | 83.00 | 100.00 | | | N | |
| 105.0 | 108.0 | 83.00 | 100.00 | | | N | |
| 108.0 | 111.0 | 73.00 | 100.00 | | | N | |
| 111.0 | 114.0 | 70.00 | 100.00 | | | N | |
| 114.0 | 117.0 | 87.00 | 100.00 | | | N | |
| 117.0 | 120.0 | 95.00 | 100.00 | | | N | |
| 120.0 | 123.0 | 92.00 | 100.00 | | | N | |
| 123.0 | 126.0 | 80.00 | 100.00 | | | N | |
| 126.0 | 129.0 | 87.00 | 100.00 | | | N | |
| 129.0 | 132.0 | 93.00 | 100.00 | | | N | |
| 132.0 | 135.0 | 90.00 | 100.00 | | | N | |
| 135.0 | 138.0 | 90.00 | 100.00 | | | N | |
| 138.0 | 141.0 | 88.00 | 100.00 | | | N | |
| 141.0 | 144.0 | 93.00 | 100.00 | | | N | |
| 144.0 | 147.0 | 83.00 | 100.00 | | | N | |

**Hole number:** KLUC19-538

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 147.0 | 150.0 | 93.00 | 100.00 | | | N | |
| 150.0 | 153.0 | 97.00 | 100.00 | | | N | |
| 153.0 | 156.0 | 98.00 | 100.00 | | | N | |
| 156.0 | 159.0 | 100.00 | 100.00 | | | N | |
| 159.0 | 162.0 | 50.00 | 100.00 | | | N | |
| 162.0 | 165.0 | 95.00 | 100.00 | | | N | |
| 165.0 | 168.0 | 77.00 | 100.00 | | | N | |
| 168.0 | 171.0 | 90.00 | 100.00 | | | N | |
| 171.0 | 174.0 | 83.00 | 100.00 | | | N | |
| 174.0 | 177.0 | 88.00 | 100.00 | | | N | |
| 177.0 | 180.0 | 85.00 | 100.00 | | | N | |
| 180.0 | 183.0 | 97.00 | 100.00 | | | N | |
| 183.0 | 186.0 | 87.00 | 100.00 | | | N | |
| 186.0 | 189.0 | 93.00 | 100.00 | | | N | |
| 189.0 | 192.0 | 90.00 | 100.00 | | | N | |
| 192.0 | 195.0 | 77.00 | 100.00 | | | N | |
| 195.0 | 198.0 | 100.00 | 100.00 | | | N | |
| 198.0 | 201.0 | 100.00 | 100.00 | | | N | |
| 201.0 | 204.0 | 97.00 | 100.00 | | | N | |
| 204.0 | 207.0 | 100.00 | 100.00 | | | N | |
| 207.0 | 210.0 | 87.00 | 100.00 | | | N | |
| 210.0 | 213.0 | 100.00 | 100.00 | | | N | |
| 213.0 | 216.0 | 100.00 | 100.00 | | | N | |
| 216.0 | 219.0 | 100.00 | 100.00 | | | N | |
| 219.0 | 222.0 | 100.00 | 100.00 | | | N | |
| 222.0 | 225.0 | 100.00 | 100.00 | | | N | |
| 225.0 | 228.0 | 100.00 | 100.00 | | | N | |
| 228.0 | 231.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC19-538

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 231.0 | 234.0 | 100.00 | 100.00 | | | N | |
| 234.0 | 237.0 | 93.00 | 100.00 | | | N | |
| 237.0 | 240.0 | 82.00 | 100.00 | | | N | |
| 240.0 | 243.0 | 97.00 | 100.00 | | | N | |
| 243.0 | 246.0 | 100.00 | 100.00 | | | N | |
| 246.0 | 249.0 | 100.00 | 100.00 | | | N | |
| 249.0 | 252.0 | 100.00 | 100.00 | | | N | |
| 252.0 | 255.0 | 98.00 | 100.00 | | | N | |
| 255.0 | 258.0 | 98.00 | 100.00 | | | N | |
| 258.0 | 261.0 | 70.00 | 100.00 | | | N | |
| 261.0 | 264.0 | 87.00 | 100.00 | | | N | |
| 264.0 | 267.0 | 97.00 | 100.00 | | | N | |
| 267.0 | 270.0 | 83.00 | 100.00 | | | N | |
| 270.0 | 273.0 | 70.00 | 100.00 | | | N | |
| 273.0 | 276.0 | 93.00 | 100.00 | | | N | |
| 276.0 | 279.0 | 52.00 | 100.00 | | | N | |
| 279.0 | 282.0 | 17.00 | 100.00 | | | N | |
| 282.0 | 285.0 | 47.00 | 100.00 | | | N | |
| 285.0 | 288.0 | 30.00 | 100.00 | | | N | |
| 288.0 | 291.0 | 33.00 | 100.00 | | | N | |
| 291.0 | 294.0 | 70.00 | 100.00 | | | N | |
| 294.0 | 297.0 | 100.00 | 100.00 | | | N | |
| 297.0 | 300.0 | 97.00 | 100.00 | | | N | |
| 300.0 | 303.0 | 80.00 | 100.00 | | | N | |
| 303.0 | 306.0 | 77.00 | 100.00 | | | N | |
| 306.0 | 309.0 | 97.00 | 100.00 | | | N | |
| 309.0 | 312.0 | 100.00 | 100.00 | | | N | |
| 312.0 | 315.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC19-538

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 315.0 | 318.0 | 100.00 | 100.00 | | | N | |
| 318.0 | 321.0 | 97.00 | 100.00 | | | N | |
| 321.0 | 324.0 | 98.00 | 100.00 | | | N | |
| 324.0 | 327.0 | 100.00 | 100.00 | | | N | |
| 327.0 | 330.0 | 85.00 | 100.00 | | | N | |
| 330.0 | 333.0 | 80.00 | 100.00 | | | N | |
| 333.0 | 336.0 | 87.00 | 100.00 | | | N | |
| 336.0 | 339.0 | 100.00 | 100.00 | | | N | |
| 339.0 | 342.0 | 100.00 | 100.00 | | | N | |
| 342.0 | 345.0 | 83.00 | 100.00 | | | N | |
| 345.0 | 348.0 | 53.00 | 100.00 | | | N | |
| 348.0 | 351.0 | 97.00 | 100.00 | | | N | |
| 351.0 | 354.0 | 85.00 | 100.00 | | | N | |
| 354.0 | 357.0 | 95.00 | 100.00 | | | N | |
| 357.0 | 360.0 | 100.00 | 100.00 | | | N | |
| 360.0 | 363.0 | 100.00 | 100.00 | | | N | |
| 363.0 | 366.0 | 100.00 | 100.00 | | | N | |
| 366.0 | 369.0 | 95.00 | 100.00 | | | N | |
| 369.0 | 372.0 | 100.00 | 100.00 | | | N | |
| 372.0 | 375.0 | 100.00 | 100.00 | | | N | |
| 375.0 | 378.0 | 87.00 | 100.00 | | | N | |
| 378.0 | 381.0 | 93.00 | 100.00 | | | N | |
| 381.0 | 384.0 | 100.00 | 100.00 | | | N | |
| 384.0 | 387.0 | 100.00 | 100.00 | | | N | |
| 387.0 | 390.0 | 90.00 | 100.00 | | | N | |
| 390.0 | 393.0 | 90.00 | 100.00 | | | N | |
| 393.0 | 396.0 | 80.00 | 100.00 | | | N | |
| 396.0 | 399.0 | 80.00 | 100.00 | | | N | |

**Hole number:** KLUC19-538

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 399.0 | 402.0 | 90.00 | 100.00 | | | N | |
| 402.0 | 405.0 | 98.00 | 100.00 | | | N | |
| 405.0 | 408.0 | 92.00 | 100.00 | | | N | |
| 408.0 | 411.0 | 67.00 | 100.00 | | | N | |
| 411.0 | 414.0 | 100.00 | 100.00 | | | N | |
| 414.0 | 417.0 | 98.00 | 100.00 | | | N | |
| 417.0 | 420.0 | 100.00 | 100.00 | | | N | |
| 420.0 | 423.0 | 98.00 | 100.00 | | | N | |
| 423.0 | 426.0 | 97.00 | 100.00 | | | N | |
| 426.0 | 429.0 | 100.00 | 100.00 | | | N | |
| 429.0 | 432.0 | 100.00 | 100.00 | | | N | |
| 432.0 | 435.0 | 100.00 | 100.00 | | | N | |
| 435.0 | 438.0 | 100.00 | 100.00 | | | N | |
| 438.0 | 441.0 | 100.00 | 100.00 | | | N | |
| 441.0 | 444.0 | 98.00 | 100.00 | | | N | |
| 444.0 | 447.0 | 97.00 | 100.00 | | | N | |
| 447.0 | 450.0 | 100.00 | 100.00 | | | N | |
| 450.0 | 453.0 | 100.00 | 100.00 | | | N | |
| 453.0 | 456.0 | 100.00 | 100.00 | | | N | |
| 456.0 | 459.0 | 100.00 | 100.00 | | | N | |
| 459.0 | 462.0 | 100.00 | 100.00 | | | N | |
| 462.0 | 465.0 | 98.00 | 100.00 | | | N | |
| 465.0 | 468.0 | 97.00 | 100.00 | | | N | |
| 468.0 | 471.0 | 100.00 | 100.00 | | | N | |
| 471.0 | 474.0 | 100.00 | 100.00 | | | N | |
| 474.0 | 477.0 | 58.00 | 100.00 | | | N | |
| 477.0 | 480.0 | 80.00 | 100.00 | | | N | |
| 480.0 | 483.0 | 92.00 | 100.00 | | | N | |

**Hole number:** KLUC19-538

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 483.0 | 486.0 | 100.00 | 100.00 | | | N | |
| 486.0 | 489.0 | 97.00 | 100.00 | | | N | |
| 489.0 | 492.0 | 73.00 | 100.00 | | | N | |
| 492.0 | 495.0 | 100.00 | 100.00 | | | N | |
| 495.0 | 498.0 | 97.00 | 100.00 | | | N | |
| 498.0 | 501.0 | 100.00 | 100.00 | | | N | |
| 501.0 | 504.0 | 100.00 | 100.00 | | | N | |
| 504.0 | 507.0 | 100.00 | 100.00 | | | N | |
| 507.0 | 510.0 | 97.00 | 100.00 | | | N | |
| 510.0 | 513.0 | 100.00 | 100.00 | | | N | |
| 513.0 | 516.0 | 100.00 | 100.00 | | | N | |
| 516.0 | 519.0 | 100.00 | 100.00 | | | N | |
| 519.0 | 522.0 | 100.00 | 100.00 | | | N | |
| 522.0 | 525.0 | 100.00 | 100.00 | | | N | |
| 525.0 | 528.0 | 100.00 | 100.00 | | | N | |
| 528.0 | 531.0 | 97.00 | 100.00 | | | N | |
| 531.0 | 534.0 | 100.00 | 100.00 | | | N | |
| 534.0 | 537.0 | 100.00 | 100.00 | | | N | |
| 537.0 | 540.0 | 98.00 | 100.00 | | | N | |
| 540.0 | 543.0 | 100.00 | 100.00 | | | N | |
| 543.0 | 546.0 | 87.00 | 100.00 | | | N | |
| 546.0 | 549.0 | 97.00 | 100.00 | | | N | |
| 549.0 | 552.0 | 97.00 | 100.00 | | | N | |
| 552.0 | 555.0 | 80.00 | 100.00 | | | N | |
| 555.0 | 558.0 | 98.00 | 100.00 | | | N | |
| 558.0 | 561.0 | 73.00 | 100.00 | | | N | |
| 561.0 | 564.0 | 67.00 | 100.00 | | | N | |
| 564.0 | 567.0 | 93.00 | 100.00 | | | N | |

**Hole number:** KLUC19-538

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 567.0 | 570.0 | 100.00 | 100.00 | | | N | |
| 570.0 | 573.0 | 97.00 | 100.00 | | | N | |
| 573.0 | 576.0 | 92.00 | 100.00 | | | N | |
| 576.0 | 579.0 | 82.00 | 100.00 | | | N | |
| 579.0 | 582.0 | 97.00 | 100.00 | | | N | |
| 582.0 | 585.0 | 100.00 | 100.00 | | | N | |
| 585.0 | 588.0 | 97.00 | 100.00 | | | N | |
| 588.0 | 591.0 | 83.00 | 100.00 | | | N | |
| 591.0 | 594.0 | 93.00 | 100.00 | | | N | |
| 594.0 | 597.0 | 87.00 | 100.00 | | | N | |
| 597.0 | 600.0 | 88.00 | 100.00 | | | N | |
| 600.0 | 603.0 | 83.00 | 100.00 | | | N | |
| 603.0 | 606.0 | 97.00 | 100.00 | | | N | |
| 606.0 | 609.0 | 80.00 | 100.00 | | | N | |
| 609.0 | 612.0 | 100.00 | 100.00 | | | N | |
| 612.0 | 615.0 | 100.00 | 100.00 | | | N | |
| 615.0 | 618.0 | 97.00 | 100.00 | | | N | |
| 618.0 | 621.0 | 73.00 | 100.00 | | | N | |
| 621.0 | 624.0 | 83.00 | 100.00 | | | N | |
| 624.0 | 627.0 | 67.00 | 100.00 | | | N | |
| 627.0 | 630.0 | 67.00 | 100.00 | | | N | |
| 630.0 | 633.0 | 75.00 | 100.00 | | | N | |
| 633.0 | 636.0 | 80.00 | 100.00 | | | N | |
| 636.0 | 639.0 | 97.00 | 100.00 | | | N | |
| 639.0 | 642.0 | 97.00 | 100.00 | | | N | |
| 642.0 | 645.0 | 97.00 | 100.00 | | | N | |
| 645.0 | 648.0 | 92.00 | 100.00 | | | N | |
| 648.0 | 651.0 | 67.00 | 100.00 | | | N | |

**Hole number:** KLUC19-538

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 651.0 | 654.0 | 97.00 | 100.00 | | | N | |
| 654.0 | 657.0 | 100.00 | 100.00 | | | N | |
| 657.0 | 660.0 | 97.00 | 100.00 | | | N | |
| 660.0 | 663.0 | 98.00 | 100.00 | | | N | |
| 663.0 | 666.0 | 85.00 | 100.00 | | | N | |
| 666.0 | 669.0 | 90.00 | 100.00 | | | N | |
| 669.0 | 672.0 | 88.00 | 100.00 | | | N | |
| 672.0 | 675.0 | 90.00 | 100.00 | | | N | |
| 675.0 | 678.0 | 87.00 | 100.00 | | | N | |
| 678.0 | 681.0 | 70.00 | 100.00 | | | N | |
| 681.0 | 684.0 | 92.00 | 100.00 | | | N | |
| 684.0 | 687.0 | 90.00 | 100.00 | | | N | |
| 687.0 | 690.0 | 77.00 | 100.00 | | | N | |
| 690.0 | 693.0 | 93.00 | 100.00 | | | N | |
| 693.0 | 696.0 | 90.00 | 100.00 | | | N | |
| 696.0 | 699.0 | 87.00 | 100.00 | | | N | |
| 699.0 | 702.0 | 97.00 | 100.00 | | | N | |
| 702.0 | 705.0 | 100.00 | 100.00 | | | N | |
| 705.0 | 708.0 | 100.00 | 100.00 | | | N | |
| 708.0 | 711.0 | 77.00 | 100.00 | | | N | |
| 711.0 | 714.0 | 77.00 | 100.00 | | | N | |
| 714.0 | 717.0 | 98.00 | 100.00 | | | N | |
| 717.0 | 720.0 | 80.00 | 100.00 | | | N | |
| 720.0 | 723.0 | 87.00 | 100.00 | | | N | |
| 723.0 | 726.0 | 100.00 | 100.00 | | | N | |
| 726.0 | 729.0 | 100.00 | 100.00 | | | N | |
| 729.0 | 732.0 | 90.00 | 100.00 | | | N | |
| 732.0 | 735.0 | 85.00 | 100.00 | | | N | |

**Hole number:** KLUC19-538

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 735.0 | 738.0 | 100.00 | 100.00 | | | N | |
| 738.0 | 739.0 | 95.00 | 100.00 | | | N | |

AGNICO EAGLE

# DRILL HOLE REPORT

EXPLORATION CANADA
ONTARIO

**Hole number:** KLUC19-539 **Project Number:** U_Canada **Project name:** Upper Canada

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Historic hole number:** | | **Collar survey:** | Y | **From:** | 0.0 | **Coordinates:** | P |
| **System:** | METRIC | **Verified:** | N | **To:** | 957.0 | **Grid:** | UTM83-17_CSRS-2010: |
| **Target:** | UC_C_ZONE | **Gas:** | N | **Depth:** | 957.0 | **North:** | 5,331,901.53 |
| **No. Claim:** | PAT-18813 | **Multishot survey:** | Y | **Location:** | Surface | **East:** | 586,229.94 |
| **Year:** | 2 019 | **Is making water:** | N | **Core storage:** | Exploration Camp | **Elevation:** | 326.66 |
| **Date started:** | 2019-04-19 | **Object in hole:** | N | **Contractor:** | Asinii Drilling | **Collar dip:** | -67.87 |
| **Date logged:** | 2019-05-06 | **Pulse EM survey:** | N | **Logged by:** | Melanie Bouchard | **Collar azimuth:** | 294.09 |
| **Date completed:** | 2019-05-03 | **Plugged:** | Y | **Signature:** | Mélanie Bouchard | | |
| **Core size:** | NQ | **Cemented:** | Y | | | | |
| **Hole type:** | EXP | **Branch:** | N | | | | |
| **Casing:** | Left in Hole, capped | **Reserve:** | N | | | | |
| **Logging status:** | Signed | | | | | | |
| **Rig number:** | 2501 | | | | | | |

**Additional sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Proposed hole: UCP19-036. New and improved Asinii II drill Rig: 2501. Targeting: C-Zone;
QAQC protocol detected a switch between samples CAOND123214 and 123215; corrections made in log on June 12th 2019 by M.B. and S.V.

**Assay average**

| Average type | From | To | Length | Width | Zone | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Pb_ppm | Ni_ppm | As_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WEIGHTED | 458.9 | 460.8 | 1.9 | | | 1.633 | | | | | | |
| WEIGHTED | 484.3 | 485.2 | 0.9 | | UC_C_ZONE | 1.385 | | | | | | |
| WEIGHTED | 560.0 | 568.9 | 8.9 | | | 1.251 | | | | | | |
| WEIGHTED | 612.4 | 613.7 | 1.3 | | UC_C_ZONE | 1.320 | | | | | | |
| WEIGHTED | 624.0 | 629.0 | 5.0 | | | 1.714 | | | | | | |
| WEIGHTED | 636.0 | 641.0 | 5.0 | | | 2.543 | | | | | | |
| WEIGHTED | 748.5 | 750.2 | 1.7 | | UC_C_ZONE | 1.519 | | | | | | |
| WEIGHTED | 775.5 | 778.5 | 3.0 | | UC_C_ZONE | 1.513 | | | | | | |
| WEIGHTED | 781.5 | 784.5 | 3.0 | | | 0.838 | | | | | | |
| WEIGHTED | 835.5 | 839.5 | 4.0 | | | 0.804 | | | | | | |
| WEIGHTED | 841.0 | 864.2 | 23.2 | | | 1.167 | | | | | | |

**Survey data**

**Hole number: KLUC19-539**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 293.99 | -69.15 | G | | North Seaker Gyro |
| 0.0 | 293.00 | -68.00 | PLANNED | | Planned direction |
| 20.0 | 293.87 | -67.89 | G | O | North Seaker Gyro |
| 40.0 | 294.70 | -67.63 | G | O | North Seaker Gyro |
| 50.0 | 295.01 | -67.56 | G | O | North Seaker Gyro |
| 70.0 | 295.79 | -67.38 | G | O | North Seaker Gyro |
| 80.0 | 296.15 | -67.34 | G | O | North Seaker Gyro |
| 100.0 | 296.78 | -67.24 | G | O | North Seaker Gyro |
| 110.0 | 297.23 | -67.09 | G | O | North Seaker Gyro |
| 130.0 | 297.62 | -66.80 | G | O | North Seaker Gyro |
| 140.0 | 297.84 | -66.76 | G | O | North Seaker Gyro |
| 160.0 | 297.95 | -66.74 | G | O | North Seaker Gyro |
| 170.0 | 297.92 | -66.73 | G | O | North Seaker Gyro |
| 190.0 | 298.02 | -66.72 | G | O | North Seaker Gyro |
| 200.0 | 297.97 | -66.74 | G | O | North Seaker Gyro |
| 220.0 | 298.04 | -66.76 | G | O | North Seaker Gyro |
| 230.0 | 298.01 | -66.74 | G | O | North Seaker Gyro |
| 250.0 | 298.18 | -66.87 | G | O | North Seaker Gyro |
| 260.0 | 298.12 | -66.78 | G | O | North Seaker Gyro |
| 280.0 | 298.24 | -66.46 | G | O | North Seaker Gyro |
| 290.0 | 298.44 | -66.32 | G | O | North Seaker Gyro |
| 310.0 | 298.81 | -66.28 | G | O | North Seaker Gyro |
| 320.0 | 298.88 | -66.19 | G | O | North Seaker Gyro |
| 340.0 | 299.29 | -66.10 | G | O | North Seaker Gyro |
| 350.0 | 299.58 | -66.07 | G | O | North Seaker Gyro |
| 370.0 | 299.80 | -65.96 | G | O | North Seaker Gyro |
| 380.0 | 299.90 | -65.93 | G | O | North Seaker Gyro |
| 400.0 | 300.25 | -65.82 | G | O | North Seaker Gyro |
| 410.0 | 300.45 | -65.64 | G | O | North Seaker Gyro |
| 430.0 | 300.55 | -65.61 | G | O | North Seaker Gyro |
| 440.0 | 301.19 | -65.71 | G | O | North Seaker Gyro |
| 460.0 | 301.67 | -65.61 | G | O | North Seaker Gyro |
| 470.0 | 301.98 | -65.54 | G | O | North Seaker Gyro |
| 490.0 | 302.03 | -65.54 | G | O | North Seaker Gyro |
| 0.0 | 294.09 | -67.87 | S | O | Surveyed dip and azimuth (true North) |
| 10.0 | 294.57 | -67.66 | G | O | North Seaker Gyro |
| 30.0 | 294.56 | -67.65 | G | O | North Seaker Gyro |
| 42.0 | 293.60 | -67.50 | EZ | | 51868 |
| 60.0 | 295.37 | -67.50 | G | O | North Seaker Gyro |
| 72.0 | 296.30 | -67.30 | EZ | | 52467 |
| 90.0 | 296.45 | -67.26 | G | O | North Seaker Gyro |
| 102.0 | 300.60 | -66.90 | EZ | | 54050 |
| 120.0 | 297.39 | -66.97 | G | O | North Seaker Gyro |
| 132.0 | 300.00 | -66.60 | EZ | | 53211 |
| 150.0 | 297.88 | -66.73 | G | O | North Seaker Gyro |
| 162.0 | 298.80 | -66.50 | EZ | | 53359 |
| 180.0 | 297.96 | -66.70 | G | O | North Seaker Gyro |
| 192.0 | 298.10 | -66.50 | EZ | | 53671 |
| 210.0 | 298.02 | -66.76 | G | O | North Seaker Gyro |
| 222.0 | 293.90 | -66.60 | EZ | | 53402 |
| 240.0 | 297.84 | -66.74 | G | O | North Seaker Gyro |
| 252.0 | 300.20 | -66.90 | EZ | | 54076 |
| 270.0 | 298.08 | -66.61 | G | O | North Seaker Gyro |
| 282.0 | 297.80 | -66.40 | EZ | | 54548 |
| 300.0 | 298.60 | -66.28 | G | O | North Seaker Gyro |
| 312.0 | 299.80 | -66.00 | EZ | | 53968 |
| 330.0 | 299.03 | -66.12 | G | O | North Seaker Gyro |
| 342.0 | 299.80 | -65.90 | EZ | | 54724 |
| 360.0 | 299.76 | -66.01 | G | O | North Seaker Gyro |
| 372.0 | 300.50 | -65.80 | EZ | | 54733 |
| 390.0 | 300.12 | -65.83 | G | O | North Seaker Gyro |
| 402.0 | 300.90 | -65.70 | EZ | | 54256 |
| 420.0 | 300.52 | -65.59 | G | O | North Seaker Gyro |
| 432.0 | 300.80 | -65.60 | EZ | | 54751 |
| 450.0 | 301.53 | -65.64 | G | O | North Seaker Gyro |
| 462.0 | 304.50 | -65.50 | EZ | | 54919 |
| 480.0 | 301.96 | -65.53 | G | O | North Seaker Gyro |
| 492.0 | 303.00 | -65.40 | EZ | | 54458 |

**Hole number:** KLUC19-539

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 500.0 | 302.03 | -65.52 | G | O | North Seaker Gyro |
| 520.0 | 302.29 | -65.28 | G | O | North Seaker Gyro |
| 530.0 | 302.33 | -65.17 | G | O | North Seaker Gyro |
| 550.0 | 302.13 | -64.75 | G | O | North Seaker Gyro |
| 560.0 | 302.15 | -64.69 | G | O | North Seaker Gyro |
| 580.0 | 302.20 | -64.56 | G | O | North Seaker Gyro |
| 590.0 | 302.02 | -64.50 | G | O | North Seaker Gyro |
| 610.0 | 302.09 | -64.29 | G | O | North Seaker Gyro |
| 620.0 | 302.08 | -64.28 | G | O | North Seaker Gyro |
| 640.0 | 301.94 | -64.17 | G | O | North Seaker Gyro |
| 650.0 | 301.94 | -64.02 | G | O | North Seaker Gyro |
| 670.0 | 302.05 | -63.92 | G | O | North Seaker Gyro |
| 680.0 | 301.92 | -63.84 | G | O | North Seaker Gyro |
| 700.0 | 302.10 | -63.79 | G | O | North Seaker Gyro |
| 702.0 | 297.60 | -63.70 | EZ | | 53559 |
| 708.0 | 297.50 | -63.70 | ES | O | Reflex EasyShot Multi-Shot |
| 711.0 | 297.10 | -63.70 | ES | O | Reflex EasyShot Multi-Shot |
| 717.0 | 298.40 | -63.60 | ES | O | Reflex EasyShot Multi-Shot |
| 723.0 | 295.20 | -63.60 | ES | O | Reflex EasyShot Multi-Shot |
| 729.0 | 295.90 | -63.60 | ES | O | Reflex EasyShot Multi-Shot |
| 732.0 | 297.30 | -63.40 | EZ | | 54245 |
| 738.0 | 297.90 | -63.50 | ES | O | Reflex EasyShot Multi-Shot |
| 744.0 | 297.10 | -63.60 | ES | O | Reflex EasyShot Multi-Shot |
| 750.0 | 298.20 | -63.50 | ES | O | Reflex EasyShot Multi-Shot |
| 756.0 | 301.80 | -63.50 | ES | O | Reflex EasyShot Multi-Shot |
| 762.0 | 300.00 | -63.50 | EZ | | 54208 |
| 765.0 | 297.60 | -63.40 | ES | O | Reflex EasyShot Multi-Shot |
| 771.0 | 301.40 | -63.40 | ES | O | Reflex EasyShot Multi-Shot |
| 777.0 | 298.50 | -63.50 | ES | O | Reflex EasyShot Multi-Shot |
| 783.0 | 297.20 | -63.30 | ES | O | Reflex EasyShot Multi-Shot |
| 789.0 | 297.00 | -63.20 | ES | O | Reflex EasyShot Multi-Shot |
| 792.0 | 296.20 | -63.00 | EZ | | 54343 |

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 510.0 | 302.20 | -65.39 | G | O | North Seaker Gyro |
| 522.0 | 303.70 | -65.00 | EZ | | 54590 |
| 540.0 | 301.88 | -65.11 | G | O | North Seaker Gyro |
| 552.0 | 302.40 | -64.60 | EZ | | 55014 |
| 570.0 | 302.17 | -64.61 | G | O | North Seaker Gyro |
| 582.0 | 302.50 | -64.30 | EZ | | 55313 |
| 600.0 | 302.13 | -64.36 | G | O | North Seaker Gyro |
| 612.0 | 297.20 | -64.10 | EZ | | 53244 |
| 630.0 | 301.98 | -64.27 | G | O | North Seaker Gyro |
| 642.0 | 299.00 | -64.20 | EZ | | 53422 |
| 660.0 | 301.93 | -63.97 | G | O | North Seaker Gyro |
| 672.0 | 298.80 | -63.60 | EZ | | 53932 |
| 690.0 | 301.93 | -63.81 | G | O | North Seaker Gyro |
| 702.0 | 300.40 | -63.70 | ES | O | Reflex EasyShot Multi-Shot |
| 705.0 | 300.20 | -63.70 | ES | O | Reflex EasyShot Multi-Shot |
| 710.0 | 302.18 | -63.78 | G | O | North Seaker Gyro |
| 714.0 | 298.70 | -63.70 | ES | O | Reflex EasyShot Multi-Shot |
| 720.0 | 297.70 | -63.60 | ES | O | Reflex EasyShot Multi-Shot |
| 726.0 | 293.70 | -63.60 | ES | O | Reflex EasyShot Multi-Shot |
| 732.0 | 296.30 | -63.50 | ES | O | Reflex EasyShot Multi-Shot |
| 735.0 | 297.60 | -63.50 | ES | O | Reflex EasyShot Multi-Shot |
| 741.0 | 297.10 | -63.50 | ES | O | Reflex EasyShot Multi-Shot |
| 747.0 | 298.60 | -63.50 | ES | O | Reflex EasyShot Multi-Shot |
| 753.0 | 298.10 | -63.50 | ES | O | Reflex EasyShot Multi-Shot |
| 759.0 | 297.60 | -63.40 | ES | O | Reflex EasyShot Multi-Shot |
| 762.0 | 298.80 | -63.40 | ES | O | Reflex EasyShot Multi-Shot |
| 768.0 | 300.90 | -63.50 | ES | O | Reflex EasyShot Multi-Shot |
| 774.0 | 299.40 | -63.40 | ES | O | Reflex EasyShot Multi-Shot |
| 780.0 | 298.20 | -63.40 | ES | O | Reflex EasyShot Multi-Shot |
| 786.0 | 300.40 | -63.20 | ES | O | Reflex EasyShot Multi-Shot |
| 792.0 | 301.40 | -63.20 | ES | D | Reflex EasyShot Multi-Shot |
| 795.0 | 296.60 | -63.20 | ES | O | Reflex EasyShot Multi-Shot |

**Hole number:** KLUC19-539

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 798.0 | 299.50 | -63.20 | ES | O | Reflex EasyShot Multi-Shot |
| 804.0 | 298.70 | -63.10 | ES | O | Reflex EasyShot Multi-Shot |
| 810.0 | 296.40 | -63.10 | ES | O | Reflex EasyShot Multi-Shot |
| 816.0 | 295.80 | -63.00 | ES | O | Reflex EasyShot Multi-Shot |
| 822.0 | 299.60 | -62.90 | ES | O | Reflex EasyShot Multi-Shot |
| 825.0 | 294.60 | -62.90 | ES | D | Reflex EasyShot Multi-Shot |
| 831.0 | 302.20 | -62.90 | ES | O | Reflex EasyShot Multi-Shot |
| 837.0 | 300.60 | -62.80 | ES | O | Reflex EasyShot Multi-Shot |
| 843.0 | 305.50 | -62.80 | ES | O | Reflex EasyShot Multi-Shot |
| 849.0 | 299.70 | -62.70 | ES | D | Reflex EasyShot Multi-Shot |
| 852.0 | 304.70 | -62.70 | EZ | | 53901 |
| 858.0 | 305.00 | -62.80 | ES | O | Reflex EasyShot Multi-Shot |
| 864.0 | 299.40 | -62.80 | ES | D | Reflex EasyShot Multi-Shot |
| 870.0 | 304.20 | -62.70 | ES | D | Reflex EasyShot Multi-Shot |
| 876.0 | 302.00 | -62.80 | ES | O | Reflex EasyShot Multi-Shot |
| 882.0 | 303.20 | -62.80 | ES | O | Reflex EasyShot Multi-Shot |
| 885.0 | 303.00 | -62.70 | ES | O | Reflex EasyShot Multi-Shot |
| 891.0 | 303.10 | -62.70 | ES | O | Reflex EasyShot Multi-Shot |
| 897.0 | 297.30 | -62.80 | ES | D | Reflex EasyShot Multi-Shot |
| 903.0 | 301.40 | -62.70 | ES | O | Reflex EasyShot Multi-Shot |
| 909.0 | 303.30 | -62.60 | ES | O | Reflex EasyShot Multi-Shot |
| 912.0 | 303.20 | -62.60 | EZ | | 53760 |
| 918.0 | 302.00 | -62.70 | ES | O | Reflex EasyShot Multi-Shot |
| 924.0 | 304.70 | -62.70 | ES | O | Reflex EasyShot Multi-Shot |
| 930.0 | 304.30 | -62.60 | ES | O | Reflex EasyShot Multi-Shot |
| 936.0 | 305.60 | -62.60 | ES | O | Reflex EasyShot Multi-Shot |
| 942.0 | 306.60 | -62.70 | ES | O | Reflex EasyShot Multi-Shot |
| 948.0 | 307.30 | -62.60 | ES | O | Reflex EasyShot Multi-Shot |
| 954.0 | 307.90 | -62.70 | ES | O | Reflex EasyShot Multi-Shot |
| 801.0 | 298.90 | -63.10 | ES | O | Reflex EasyShot Multi-Shot |
| 807.0 | 297.50 | -63.10 | ES | O | Reflex EasyShot Multi-Shot |
| 813.0 | 296.50 | -63.00 | ES | O | Reflex EasyShot Multi-Shot |
| 819.0 | 299.00 | -62.90 | ES | O | Reflex EasyShot Multi-Shot |
| 822.0 | 301.10 | -62.90 | EZ | | 54194 |
| 828.0 | 304.20 | -62.90 | ES | D | Reflex EasyShot Multi-Shot |
| 834.0 | 301.70 | -62.80 | ES | O | Reflex EasyShot Multi-Shot |
| 840.0 | 295.60 | -62.80 | ES | D | Reflex EasyShot Multi-Shot |
| 846.0 | 297.50 | -62.80 | ES | D | Reflex EasyShot Multi-Shot |
| 852.0 | 303.00 | -62.80 | ES | O | Reflex EasyShot Multi-Shot |
| 855.0 | 306.80 | -62.80 | ES | O | Reflex EasyShot Multi-Shot |
| 861.0 | 305.80 | -62.80 | ES | O | Reflex EasyShot Multi-Shot |
| 867.0 | 301.60 | -62.80 | ES | O | Reflex EasyShot Multi-Shot |
| 873.0 | 298.80 | -62.80 | ES | D | Reflex EasyShot Multi-Shot |
| 879.0 | 303.70 | -62.70 | ES | O | Reflex EasyShot Multi-Shot |
| 882.0 | 302.30 | -62.60 | EZ | | 54754 |
| 888.0 | 302.60 | -62.70 | ES | O | Reflex EasyShot Multi-Shot |
| 894.0 | 301.20 | -62.80 | ES | O | Reflex EasyShot Multi-Shot |
| 900.0 | 303.80 | -62.70 | ES | O | Reflex EasyShot Multi-Shot |
| 906.0 | 302.60 | -62.60 | ES | O | Reflex EasyShot Multi-Shot |
| 912.0 | 302.80 | -62.60 | ES | O | Reflex EasyShot Multi-Shot |
| 915.0 | 303.40 | -62.60 | ES | O | Reflex EasyShot Multi-Shot |
| 921.0 | 305.80 | -62.70 | ES | O | Reflex EasyShot Multi-Shot |
| 927.0 | 305.10 | -62.60 | ES | O | Reflex EasyShot Multi-Shot |
| 933.0 | 304.40 | -62.60 | ES | O | Reflex EasyShot Multi-Shot |
| 939.0 | 304.10 | -62.60 | ES | O | Reflex EasyShot Multi-Shot |
| 945.0 | 306.60 | -62.70 | ES | O | Reflex EasyShot Multi-Shot |
| 951.0 | 307.30 | -62.70 | ES | O | Reflex EasyShot Multi-Shot |
| 957.0 | 310.00 | -62.60 | ES | D | Reflex EasyShot Multi-Shot |

**Hole number:** KLUC19-539

| Certificate |
|---|
| TM19105287 |
| TM19108970 |
| TM19114524 |
| TM19117603 |
| TM19121574 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505D19-023 | Excaon1D | CAOND122622 - CAOND122750 |
| CXE5505D19-024 | Excaon1D | CAOND122751 - CAOND122997 |
| CXE5505D19-026 | Excaon1D | CAOND122998 - CAOND123150 |
| CXE5505D19-027 | Excaon1D | CAOND123151 - CAOND123262 |
| CXE5505D19-028 | Excaon1D | CAOND123263 - CAOND123396 |
| CXE5505D19-065 | Excaon1 | CAOND121927 - CAOND121928 |
| | | CAOND121955 |
| | | CAOND121964 |
| | | CAOND121990 |
| | | CAOND122019 |
| | | CAOND122068 |
| | | CAOND122142 |
| | | CAOND122157 |
| | | CAOND122173 |
| | | CAOND122181 |
| | | CAOND122208 |
| | | CAOND122232 |
| | | CAOND122241 |
| | | CAOND122253 |
| | | CAOND122265 - CAOND122266 |
| | | CAOND122285 |
| | | CAOND122291 |
| | | CAOND122298 |
| | | CAOND122317 |
| | | CAOND122334 |
| | | CAOND122351 |
| | | CAOND122371 |
| | | CAOND122378 |
| | | CAOND122384 |
| | | CAOND122420 |
| | | CAOND122424 |
| | | CAOND122438 |
| | | CAOND122442 |
| | | CAOND122455 |
| | | CAOND122476 |
| | | CAOND122491 |
| | | CAOND122512 |
| | | CAOND122526 |
| | | CAOND122532 |
| | | CAOND122536 |
| | | CAOND122561 |

| Sample number | Standard |
|---|---|
| CAOND122630 | CDN-GS-5W |
| CAOND122645 | CDN-CM-28-AEM |
| CAOND122660 | CDN-CM-27-AEM |
| CAOND122670 | BLANK-DB |
| CAOND122675 | CDN-GS-5W |
| CAOND122690 | CDN-CM-28-AEM |
| CAOND122715 | CDN-CM-27-AEM |
| CAOND122720 | BLANK-DB |
| CAOND122730 | CDN-GS-5W |
| CAOND122745 | CDN-CM-28-AEM |
| CAOND122760 | CDN-CM-27-AEM |
| CAOND122770 | BLANK-DB |
| CAOND122775 | CDN-GS-5W |
| CAOND122790 | CDN-CM-28-AEM |
| CAOND122815 | CDN-CM-27-AEM |
| CAOND122820 | BLANK-DB |
| CAOND122830 | CDN-GS-5W |
| CAOND122845 | CDN-CM-28-AEM |
| CAOND122860 | CDN-CM-27-AEM |
| CAOND122870 | BLANK-DB |
| CAOND122875 | CDN-GS-5W |
| CAOND122890 | CDN-CM-28-AEM |
| CAOND122915 | CDN-CM-27-AEM |
| CAOND122920 | BLANK-DB |
| CAOND122930 | CDN-GS-5W |
| CAOND122945 | CDN-CM-28-AEM |
| CAOND122960 | CDN-CM-27-AEM |
| CAOND122970 | BLANK-DB |
| CAOND122975 | CDN-GS-5W |
| CAOND122990 | CDN-CM-28-AEM |
| CAOND123015 | CDN-CM-27-AEM |
| CAOND123020 | BLANK-DB |
| CAOND123030 | CDN-GS-5W |
| CAOND123045 | CDN-CM-28-AEM |

**Hole number:** KLUC19-539

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| | | CAOND122568 |
| | | CAOND122592 |
| | | CAOND122664 |
| | | CAOND122704 |
| | | CAOND122718 |
| | | CAOND122721 |
| | | CAOND122765 |
| | | CAOND122767 |
| | | CAOND122776 |
| | | CAOND122787 |
| | | CAOND122792 |
| | | CAOND122828 |
| | | CAOND122839 |
| | | CAOND122845 |
| | | CAOND122854 |
| | | CAOND122883 |
| | | CAOND122908 |
| | | CAOND122910 |
| | | CAOND122932 |
| | | CAOND122958 |
| | | CAOND122965 |
| | | CAOND122979 |
| | | CAOND123067 |
| | | CAOND123096 |
| | | CAOND123119 |
| | | CAOND123122 |
| | | CAOND123135 |
| | | CAOND123147 |

*The sample list may content samples from other holes

| Sample number | Standard |
|---|---|
| CAOND123060 | CDN-CM-27-AEM |
| CAOND123070 | BLANK-DB |
| CAOND123075 | CDN-GS-5W |
| CAOND123090 | CDN-CM-28-AEM |
| CAOND123115 | CDN-CM-27-AEM |
| CAOND123120 | BLANK-DB |
| CAOND123130 | CDN-GS-5W |
| CAOND123145 | CDN-CM-28-AEM |
| CAOND123160 | CDN-CM-27-AEM |
| CAOND123170 | BLANK-DB |
| CAOND123175 | CDN-GS-5W |
| CAOND123190 | CDN-CM-28-AEM |
| CAOND123214 | CDN-CM-27-AEM |
| CAOND123220 | BLANK-DB |
| CAOND123230 | CDN-GS-5W |
| CAOND123245 | CDN-CM-28-AEM |
| CAOND123260 | CDN-CM-27-AEM |
| CAOND123270 | BLANK-DB |
| CAOND123275 | CDN-GS-5W |

**Major:** **From:** 0.00 **To:** 27.00 OVB, Overburden

Overburden / casing

**Major:** **From:** 27.00 **To:** 32.90 S, Roches sédimentaires indéterminées

Composition: Dark grey to greenish grey with white and pink spots and stringers; fine grained, equigranular, and massive; S - sediment. Magnetism: Moderately magnetic. Veinning: 1% calcite veinning. Structure: Weakly deformed. Alteration: Strong pervasive calcite alteration. Mineralization: None observed. Lower Contact: Sharp and oriented at 20 TCA.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

27.00, 32.90, CAL+, PEN, STRONG, -, -, -, Strong pervasive calcite alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122622 | 27.0 | 28.5 | 1.5 | 0.010 | | | | 2.82 |
| CAOND122623 | 28.5 | 30.0 | 1.5 | 0.011 | | | | 2.82 |
| CAOND122624 | 30.0 | 31.5 | 1.5 | 0.008 | | | | 2.77 |
| CAOND122626 | 31.5 | 32.9 | 1.4 | 0.010 | | | | 2.79 |

## Hole number: KLUC19-539

**Major:** **From:** 32.90 **To:** 39.90 FP, Feldspar porphyry

Composition: Medium purplish and reddish grey fine grained massive matrix with 5-10% rounded medium grained feldspar phenocrysts, porphyritic texture; FP - feldspar porphyry. Magnetism: Weakly magnetic. Veinning: 3% irregular and chaotic qtz-cal veinning. Structure: Undeformed. Alteration: Weak pervasive kspar and calcite alteration. Mineralization: Non observed. Lower Contact: Sharp oriented at 40 TCA.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

32.90, 39.90, CAL+, PEN, WEAK, -, -, -, Weak pervasive calcite alteration

32.90, 39.90, KFS+, PEN, WEAK, -, -, -, Weak pervasive kspar alteration

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

32.90, 39.90, QTZ_2, 3.00, -, -, -, -, -, -, -, -, 3% chaotic and irregular qtz-cal veinning

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122627 | 32.9 | 34.0 | 1.1 | 0.005 | | | | 2.67 |
| CAOND122628 | 34.0 | 35.5 | 1.5 | 0.006 | | | | 2.65 |
| CAOND122629 | 35.5 | 37.0 | 1.5 | 0.003 | | | | 2.65 |
| CAOND122631 | 37.0 | 38.5 | 1.5 | 0.003 | | | | 2.66 |
| CAOND122632 | 38.5 | 39.9 | 1.4 | 0.005 | | | | 2.66 |

**Major:** **From:** 39.90 **To:** 119.40 S, Roches sédimentaires indéterminées

Composition: Dark grey to greenish grey with white and pink spots and stringers; fine grained, equigranular, and massive; S - sediment. Magnetism: Moderately to strongly magnetic. Veinning: 1-2% calcite veinning and 2-3% irregular qtz-cal veinning. Structure: Moderate parallel deformation oriented at 50 TCA with local chaotic folding over 1m thick interval. Alteration: Strong pervasive calcite alteration. Mineralization: Rare 0.1-0.5% fine grained disseminated Py mineralization observed locally over 1-2cm. Lower Contact: Sharp but irregular. Minor untis: 40.7-40.9m = Kimberlite 40.9-41.1m = severely deformed FP? 55-55.3m = feldspar porphyry 95-95.3m = Kimberlite 97-98m = intrusion

**MINOR INTERVAL**

40.70 - 40.90: I4P20cm thick kimberlite intrusion.

**MINOR INTERVAL**

40.90 - 41.10: FP20cm thick strongly deformed feldspar poprhyry intrusion

**MINOR INTERVAL**

55.00 - 55.30: FP30cm thick feldspar porphyry. Dark purple, fine grained matrix with 25-30% euhdral and subhedral, medium grained feldspar phenocrysts. No deformation or mineralization observed. Contacts are sharp and straight oriented at 50 TCA.

**MINOR INTERVAL**

64.20 - 65.20: I1m thick interval of possible intrusion or bed of slightly differing composition from adjacant unit. DArk purplish grey, fine grained, equigranular, massive and undeformed (faintly visible preferential alignment at 50 TCA). Sharp upper contact at 50 TCA and lower contact is slightly irregular at 90 TCA.

**MINOR INTERVAL**

95.00 - 95.30: I4P25cm thick kimberlite

**MINOR INTERVAL**

97.00 - 98.00: I2DMedium to dark reddish purple fine grained and massive, possible syenite intrusion? Weak to moderate parallel deformation at 40 TCA. Weak to moderate pervasive calcite alteration. 2-3% very fine grained PY dusting. 1% irregular qtz-cal veinning. Contacts sharp and oriented at 30 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122633 | 39.9 | 40.7 | 0.8 | 0.012 | | | | 2.75 |
| CAOND122634 | 40.7 | 41.2 | 0.5 | 0.008 | | | | 2.68 |
| CAOND122635 | 41.2 | 42.5 | 1.3 | 0.005 | | | | 2.77 |
| CAOND122636 | 42.5 | 44.0 | 1.5 | 0.052 | | | | 2.78 |
| CAOND122637 | 44.0 | 45.5 | 1.5 | 0.059 | | | | 2.81 |
| CAOND122638 | 45.5 | 47.0 | 1.5 | 0.006 | | | | 2.65 |
| CAOND122639 | 47.0 | 48.5 | 1.5 | 0.007 | | | | 2.82 |
| CAOND122640 | 48.5 | 50.0 | 1.5 | 0.011 | | | | 2.84 |
| CAOND122641 | 50.0 | 51.5 | 1.5 | 0.010 | | | | 2.80 |
| CAOND122642 | 51.5 | 53.0 | 1.5 | 0.009 | | | | 2.78 |
| CAOND122643 | 53.0 | 54.5 | 1.5 | 0.010 | | | | 2.75 |
| CAOND122644 | 54.5 | 56.0 | 1.5 | 0.016 | | | | 2.72 |
| CAOND122646 | 56.0 | 57.0 | 1.0 | 0.013 | | | | 2.74 |
| CAOND122647 | 57.0 | 58.5 | 1.5 | 0.009 | | | | 2.76 |
| CAOND122648 | 58.5 | 60.0 | 1.5 | 0.026 | | | | 2.76 |
| CAOND122649 | 60.0 | 61.5 | 1.5 | 0.035 | | | | 2.67 |
| CAOND122651 | 61.5 | 63.0 | 1.5 | 0.005 | | | | 2.76 |
| CAOND122652 | 63.0 | 64.2 | 1.2 | 0.018 | | | | 2.78 |
| CAOND122653 | 64.2 | 65.2 | 1.0 | 0.005 | | | | 2.72 |
| CAOND122654 | 65.2 | 66.0 | 0.8 | 0.136 | | | | 2.77 |

**Hole number:** KLUC19-539

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
97.00, 101.00, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained dissemianted PY

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
39.90, 102.00, CAL+, PEN, STRONG, -, -, -, Strong pervasive calcite alteration
102.00, 119.40, CAL+, PEN, MOD, -, -, -, Moderate pervasive calcite alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
39.90, 119.40, DFZ, MOD, 50.00, -, -, -, MOderate parallel deformation at 50 TCA
39.90, 119.40, FOL, MOD, 50.00, -, -, -, Moderate foliation at 50 TCA
41.10, 42.00, FLD, WEAK, -, -, -, -, Weak to moderate cm chaotic folding
106.00, 110.00, FLD, WEAK, -, -, -, -, Weak chaotic folding

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
42.00, 42.20, QTZ_2, 75.00, -, -, -, -, -, -, -, -, -, -, 10cm thick interval of irregular qtz-cal vein
45.00, 53.00, QTZ_2, 2.00, -, -, -, -, -, -, -, -, -, 2% qtz-cal and cal veinning dominantly less than 1cm thick and parallel to deformation but locally observed as chaotic
98.00, 101.00, QtzCal, 10.00, -, -, -, -, -, -, -, -, -, 10% irregular and discontinuous qtz-cal veinning

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122655 | 66.0 | 67.0 | 1.0 | 0.016 | | | | 2.80 |
| CAOND122656 | 67.0 | 68.5 | 1.5 | 0.023 | | | | 2.79 |
| CAOND122657 | 68.5 | 70.0 | 1.5 | 0.003 | | | | 2.77 |
| CAOND122658 | 70.0 | 71.5 | 1.5 | 0.003 | | | | 2.78 |
| CAOND122659 | 71.5 | 73.0 | 1.5 | 0.005 | | | | 2.78 |
| CAOND122661 | 73.0 | 74.5 | 1.5 | 0.003 | | | | 2.78 |
| CAOND122662 | 74.5 | 76.0 | 1.5 | 0.003 | | | | 2.79 |
| CAOND122663 | 76.0 | 77.5 | 1.5 | 0.017 | | | | 2.80 |
| CAOND122664 | 77.5 | 79.0 | 1.5 | 0.003 | | | | 2.79 |
| CAOND122665 | 79.0 | 80.5 | 1.5 | 0.008 | | | | 2.77 |
| CAOND122666 | 80.5 | 82.0 | 1.5 | 0.013 | | | | 2.79 |
| CAOND122667 | 82.0 | 83.5 | 1.5 | 0.118 | | | | 2.79 |
| CAOND122668 | 83.5 | 85.0 | 1.5 | 0.045 | | | | 2.81 |
| CAOND122669 | 85.0 | 86.5 | 1.5 | 0.049 | | | | 2.80 |
| CAOND122671 | 86.5 | 88.0 | 1.5 | 0.006 | | | | 2.82 |
| CAOND122672 | 88.0 | 89.5 | 1.5 | 0.009 | | | | 2.79 |
| CAOND122673 | 89.5 | 91.0 | 1.5 | 0.014 | | | | 2.81 |
| CAOND122674 | 91.0 | 92.5 | 1.5 | 0.116 | | | | 2.77 |
| CAOND122676 | 92.5 | 94.0 | 1.5 | 0.011 | | | | 2.80 |
| CAOND122677 | 94.0 | 95.5 | 1.5 | 0.014 | | | | 2.70 |
| CAOND122678 | 95.5 | 97.0 | 1.5 | 0.041 | | | | 2.77 |
| CAOND122679 | 97.0 | 98.0 | 1.0 | 0.234 | | | | 2.72 |
| CAOND122681 | 98.0 | 99.0 | 1.0 | 0.058 | | | | 2.82 |
| CAOND122682 | 99.0 | 100.0 | 1.0 | 0.003 | | | | 2.76 |
| CAOND122683 | 100.0 | 101.0 | 1.0 | 0.023 | | | | 2.78 |
| CAOND122684 | 101.0 | 102.5 | 1.5 | 0.003 | | | | 2.81 |
| CAOND122685 | 102.5 | 104.0 | 1.5 | 0.017 | | | | 2.86 |
| CAOND122686 | 104.0 | 105.5 | 1.5 | 0.027 | | | | 2.90 |
| CAOND122687 | 105.5 | 107.0 | 1.5 | 0.006 | | | | 2.95 |
| CAOND122688 | 107.0 | 108.5 | 1.5 | 0.003 | | | | 2.93 |
| CAOND122689 | 108.5 | 110.0 | 1.5 | 0.003 | | | | 2.91 |
| CAOND122691 | 110.0 | 111.0 | 1.0 | 0.003 | | | | 2.93 |
| CAOND122692 | 111.0 | 112.5 | 1.5 | 0.009 | | | | 2.93 |

**Hole number:** KLUC19-539

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122693 | 112.5 | 114.0 | 1.5 | 0.044 | | | | 2.92 |
| CAOND122694 | 114.0 | 115.5 | 1.5 | 0.003 | | | | 2.93 |
| CAOND122695 | 115.5 | 117.0 | 1.5 | 0.003 | | | | 2.93 |
| CAOND122696 | 117.0 | 118.5 | 1.5 | 0.003 | | | | 2.92 |
| CAOND122697 | 118.5 | 120.0 | 1.5 | 0.019 | | | | 2.76 |

**Major:** **From:** 119.40 **To:** 247.90 I4P, Kimberlite

Composition: Dark grey to brownish fine grained matrix with randomly distributed fragments and clasts of varying compositions, abundances, shapes and sizes; brecciated and fragmented texture; I4P - Kimberlite. Magnetism: Weakly magnetic. Veinning: None. Structure: None. Alteration: Strong pervasive calcite. Mineralization: None. Lower Contact: Sharp and relatively straight; oriented at 40 TCA but not parallel to deformation in adjacant seds unit

**MINOR INTERVAL**

119.80 - 120.00: S20cm thick interval of sediment

**TEXTURE**

TYPE/COLOR/GRAIN_SIZE/COMMENTS

119.40, 247.90, BRC, -, -, -

119.40, 247.90, FGT, -, -, -

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

119.40, 247.90, CAL+, PEN, STRONG, -, -, -, Strong pervasive calcite alteration

**Major:** **From:** 247.90 **To:** 422.40 S, Roches sédimentaires indéterminées

Composition: Dark green gradually changing to medium green to greenish grey, fine grained with parallel moderate deformation. Dominantly massive and equigranular with local deformed pebbles or clasts?; S - Sediment. Magnetism: Non magnetic. Veinning: 3-5% irregular, chaotic and discontinuous qtz-cal veinning dominantly concentrated between 247.9-255m. Structure: Moderate chaotic deformation, crumbly texture and 2x fault breccia/fault gouge between 247.9-255m and moderate to strong parallel deformation oriented at 20-30 TCA. Intervals with chaotic deformation and parallel deformation at 20-30, 0-10 and 40-50 TCA. Alteration: Strong to intense pervasive chlorite alteration (247.9-255m) gradually diminishing to moderate to weak , moderate to strong pervasive calcite alteration. Mineralization: 0.5-1% very fine grained disseminated PY. Lower Contact: Sharp but wavy and irregular.

**MINOR INTERVAL**

262.40 - 262.90: CNRLost core

**MINOR INTERVAL**

266.70 - 268.70: I2DPossible medium purplish pink and dark green chaotic textured intrusion?

**MINERALIZATION**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122698 | 247.9 | 249.0 | 1.1 | 0.029 | | | | 2.60 |
| CAOND122699 | 249.0 | 250.5 | 1.5 | 0.022 | | | | 2.45 |
| CAOND122701 | 250.5 | 252.0 | 1.5 | 0.008 | | | | 2.55 |
| CAOND122702 | 252.0 | 253.5 | 1.5 | 0.008 | | | | 2.59 |
| CAOND122703 | 253.5 | 255.0 | 1.5 | 0.028 | | | | 2.62 |
| CAOND122704 | 255.0 | 256.5 | 1.5 | 0.008 | | | | 2.64 |
| CAOND122705 | 256.5 | 258.0 | 1.5 | 0.007 | | | | 2.72 |
| CAOND122706 | 258.0 | 259.5 | 1.5 | 0.006 | | | | 2.74 |
| CAOND122707 | 259.5 | 261.0 | 1.5 | 0.007 | | | | 2.72 |
| CAOND122708 | 261.0 | 262.4 | 1.4 | 0.006 | | | | 2.63 |
| KLUC19-539-LC1 | 262.4 | 262.9 | 0.5 | | | | | |
| CAOND122709 | 262.9 | 264.0 | 1.1 | 0.006 | | | | 2.70 |

**Hole number:** KLUC19-539

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
263.00, 264.00, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated PY
279.00, 281.00, PYR, DIS, .50, -, VFG, 0.5-1% very fine grained disseminated PY
398.00, 399.00, PYR, DIS, 2.00, -, VFG, 2% very fine grained dissemianted PY

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
247.90, 255.00, CAL+, PAT, WEAK, -, -, -, Weak patchy calcite alteration
247.90, 255.00, CHL+, PEN, STRONG, -, -, -, Strong to intense pervasive chlorite alteration
255.00, 422.40, CAL+, PAT, STRONG, -, -, -, Strong patchy, spotted and stringers of calcite alteration
255.00, 422.40, CHL+, PAT, WEAK, -, -, -, Weak to moderate patchy to spotted chlorite alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
247.90, 255.00, BRR, MOD, -, -, -, -, Moderate crumbly interval with 2-3 possible 10-30cm thick faults
247.90, 255.00, DFZ, MOD, -, -, -, -, Moderate to strong chaotic deformation
249.00, 249.60, FAL, MOD, -, -, -, -, 20-30 cm thick interval with fault breccia, clasts and sand sized grains
249.00, 249.60, FGO, MOD, -, -, -, -, 20-30 cm thick interval with fault breccia, clasts and sand sized grains
251.20, 251.30, FAL, -, -, -, -, -, 10cm thick interval of extremely crumbly core with possible fault gouge/mud
255.00, 278.80, DFZ, MOD, 20.00, -, -, -, Moderate parallel deformation oriented at 20-30 TCA
255.00, 278.80, FOL, MOD, 20.00, -, -, -, Moderate foliation at 20-30 TCA
261.00, 263.00, BRR, WEAK, -, -, -, -, Weak to moderate broken/fractured core
278.80, 282.00, FOL, WEAK, 0.00, -, -, -, Weak foliation at 0-10 TCA
282.00, 321.00, FOL, MOD, 40.00, -, -, -, Moderate foliation at 40-50 TCa
282.00, 349.00, DFZ, MOD, 40.00, -, -, -, Moderate deformation dominantly parallel at 40-50 TCA with local chaotically deformed intervals
321.00, 344.00, FLD, WEAK, -, -, -, -, Weak chaotic folding and wavy foliation
321.00, 344.00, FOL, MOD, 20.00, -, -, -, Moderate foliation at 20-30 TCA
342.00, 352.00, FOL, MOD, 30.00, -, -, -, Moderate foliation at 30-40 TCA
349.00, 367.00, DFZ, MOD, -, -, -, -, Moderate chaotic deformation with variety of core angles and chaotic folding
349.00, 367.00, FLD, WEAK, -, -, -, -, Chaotic folding
349.00, 367.00, FOL, WEAK, 0.00, -, -, -, Weak foliation dominantly at 0-10 TCA and locally at 10-20 TCA
367.00, 422.40, DFZ, MOD, -, -, -, -, Moderate deformation dominantly parallel but locally chaotic
367.00, 422.40, FOL, MOD, 10.00, -, -, -, Moderate foliation at 10-20 TCA
388.50, 390.00, BRR, -, -, -, -, -, -
395.00, 408.00, CRN, WEAK, -, -, -, -, Weak to moderate crenulation 2x developped foliation plane
395.00, 408.00, FLD, WEAK, -, -, -, -, Chaotic folding

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122710 | 264.0 | 265.5 | 1.5 | 0.019 | | | | 2.65 |
| CAOND122711 | 265.5 | 266.7 | 1.2 | 0.010 | | | | 2.67 |
| CAOND122712 | 266.7 | 267.7 | 1.0 | 0.003 | | | | 2.67 |
| CAOND122713 | 267.7 | 268.7 | 1.0 | 0.007 | | | | 2.74 |
| CAOND122714 | 268.7 | 270.0 | 1.3 | 0.008 | | | | 2.73 |
| CAOND122716 | 270.0 | 271.5 | 1.5 | 0.016 | | | | 2.73 |
| CAOND122717 | 271.5 | 273.0 | 1.5 | 0.011 | | | | 2.72 |
| CAOND122718 | 273.0 | 274.5 | 1.5 | 0.007 | | | | 2.73 |
| CAOND122719 | 274.5 | 276.0 | 1.5 | 0.017 | | | | 2.72 |
| CAOND122721 | 276.0 | 277.5 | 1.5 | 0.009 | | | | 2.73 |
| CAOND122722 | 277.5 | 279.0 | 1.5 | 0.009 | | | | 2.75 |
| CAOND122723 | 279.0 | 280.5 | 1.5 | 0.030 | | | | 2.74 |
| CAOND122724 | 280.5 | 282.0 | 1.5 | 0.030 | | | | 2.71 |
| CAOND122726 | 282.0 | 283.5 | 1.5 | 0.006 | | | | 2.76 |
| CAOND122727 | 283.5 | 285.0 | 1.5 | 0.003 | | | | 2.77 |
| CAOND122728 | 285.0 | 286.5 | 1.5 | 0.006 | | | | 2.75 |
| CAOND122729 | 286.5 | 288.0 | 1.5 | 0.074 | | | | 2.77 |
| CAOND122731 | 288.0 | 289.5 | 1.5 | 0.025 | | | | 2.68 |
| CAOND122732 | 289.5 | 291.0 | 1.5 | 0.009 | | | | 2.77 |
| CAOND122733 | 291.0 | 292.5 | 1.5 | 0.015 | | | | 2.79 |
| CAOND122734 | 292.5 | 294.0 | 1.5 | 0.085 | | | | 2.78 |
| CAOND122735 | 294.0 | 295.5 | 1.5 | 0.032 | | | | 2.79 |
| CAOND122736 | 295.5 | 297.0 | 1.5 | 0.003 | | | | 2.80 |
| CAOND122737 | 297.0 | 298.5 | 1.5 | 0.011 | | | | 2.79 |
| CAOND122738 | 298.5 | 300.0 | 1.5 | 0.013 | | | | 2.79 |
| CAOND122739 | 300.0 | 301.5 | 1.5 | 0.021 | | | | 2.80 |
| CAOND122740 | 301.5 | 303.0 | 1.5 | 0.012 | | | | 2.79 |
| CAOND122741 | 303.0 | 304.5 | 1.5 | 0.007 | | | | 2.81 |
| CAOND122742 | 304.5 | 306.0 | 1.5 | 0.009 | | | | 2.78 |
| CAOND122743 | 306.0 | 307.5 | 1.5 | 0.010 | | | | 2.79 |
| CAOND122744 | 307.5 | 309.0 | 1.5 | 0.003 | | | | 2.79 |
| CAOND122746 | 309.0 | 310.5 | 1.5 | 0.017 | | | | 2.80 |
| CAOND122747 | 310.5 | 312.0 | 1.5 | 0.009 | | | | 2.80 |

**Hole number:** KLUC19-539

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS

247.90, 255.00, CAL, 5.00, -, -, -, -, -, -, -, -, -, 5% irregular, chaotic and whispy calcite veinning
252.50, 254.00, QTZ_2, 10.00, -, -, -, -, -, -, -, -, -, 10% irregular and chaotic qtz-cal veinning
284.00, 288.50, QTZ_2, 10.00, -, -, -, -, -, -, -, -, -, 10% irregular and chaotic qtz-cal veinning. Including a 50cm thick interval of qtz-carb veinning parallel to core
390.00, 392.00, QTZ_2, 25.00, -, -, -, -, -, -, -, -, -, 25% qtz-cal veinning, irregular but trending parallel to core

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122748 | 312.0 | 313.5 | 1.5 | 0.017 | | | | 2.79 |
| CAOND122749 | 313.5 | 315.0 | 1.5 | 0.017 | | | | 2.79 |
| CAOND122751 | 315.0 | 316.5 | 1.5 | 0.015 | | | | 2.79 |
| CAOND122752 | 316.5 | 318.0 | 1.5 | 0.011 | | | | 2.79 |
| CAOND122753 | 318.0 | 319.5 | 1.5 | 0.003 | | | | 2.78 |
| CAOND122754 | 319.5 | 321.0 | 1.5 | 0.003 | | | | 2.77 |
| CAOND122755 | 321.0 | 322.5 | 1.5 | 0.005 | | | | 2.72 |
| CAOND122756 | 322.5 | 324.0 | 1.5 | 0.007 | | | | 2.71 |
| CAOND122757 | 324.0 | 325.5 | 1.5 | 0.006 | | | | 2.73 |
| CAOND122758 | 325.5 | 327.0 | 1.5 | 0.007 | | | | 2.74 |
| CAOND122759 | 327.0 | 328.5 | 1.5 | 0.009 | | | | 3.10 |
| CAOND122761 | 328.5 | 330.0 | 1.5 | 0.027 | | | | 2.78 |
| CAOND122762 | 330.0 | 331.5 | 1.5 | 0.020 | | | | 2.76 |
| CAOND122763 | 331.5 | 333.0 | 1.5 | 0.013 | | | | 2.75 |
| CAOND122764 | 333.0 | 334.5 | 1.5 | 0.020 | | | | 2.76 |
| CAOND122765 | 334.5 | 336.0 | 1.5 | 0.016 | | | | 2.76 |
| CAOND122766 | 336.0 | 337.5 | 1.5 | 0.027 | | | | 2.78 |
| CAOND122767 | 337.5 | 339.0 | 1.5 | 0.005 | | | | 2.76 |
| CAOND122768 | 339.0 | 340.5 | 1.5 | 0.005 | | | | 2.75 |
| CAOND122769 | 340.5 | 342.0 | 1.5 | 0.014 | | | | 2.75 |
| CAOND122771 | 342.0 | 343.5 | 1.5 | 0.010 | | | | 2.76 |
| CAOND122772 | 343.5 | 345.0 | 1.5 | 0.006 | | | | 2.75 |
| CAOND122773 | 345.0 | 346.5 | 1.5 | 0.041 | | | | 2.75 |
| CAOND122774 | 346.5 | 348.0 | 1.5 | 0.010 | | | | 2.74 |
| CAOND122776 | 348.0 | 349.5 | 1.5 | 0.023 | | | | 2.72 |
| CAOND122777 | 349.5 | 351.0 | 1.5 | 0.043 | | | | 2.75 |
| CAOND122778 | 351.0 | 352.5 | 1.5 | 0.008 | | | | 2.74 |
| CAOND122779 | 352.5 | 354.0 | 1.5 | 0.003 | | | | 2.74 |
| CAOND122781 | 354.0 | 355.5 | 1.5 | 0.007 | | | | 2.75 |
| CAOND122782 | 355.5 | 357.0 | 1.5 | 0.009 | | | | 2.74 |
| CAOND122783 | 357.0 | 358.5 | 1.5 | 0.014 | | | | 2.75 |
| CAOND122784 | 358.5 | 360.0 | 1.5 | 0.028 | | | | 2.76 |
| CAOND122785 | 360.0 | 361.5 | 1.5 | 0.003 | | | | 2.75 |

**Hole number:** KLUC19-539

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122786 | 361.5 | 363.0 | 1.5 | 0.015 | | | | 2.75 |
| CAOND122787 | 363.0 | 364.5 | 1.5 | 0.003 | | | | 2.74 |
| CAOND122788 | 364.5 | 366.0 | 1.5 | 0.015 | | | | 2.75 |
| CAOND122789 | 366.0 | 367.5 | 1.5 | 0.027 | | | | 2.76 |
| CAOND122791 | 367.5 | 369.0 | 1.5 | 0.009 | | | | 2.76 |
| CAOND122792 | 369.0 | 370.5 | 1.5 | 0.018 | | | | 2.75 |
| CAOND122793 | 370.5 | 372.0 | 1.5 | 0.008 | | | | 2.76 |
| CAOND122794 | 372.0 | 373.5 | 1.5 | 0.009 | | | | 2.77 |
| CAOND122795 | 373.5 | 375.0 | 1.5 | 0.018 | | | | 2.75 |
| CAOND122796 | 375.0 | 376.5 | 1.5 | 0.005 | | | | 2.75 |
| CAOND122797 | 376.5 | 378.0 | 1.5 | 0.008 | | | | 2.76 |
| CAOND122798 | 378.0 | 379.5 | 1.5 | 0.017 | | | | 2.77 |
| CAOND122799 | 379.5 | 381.0 | 1.5 | 0.017 | | | | 2.76 |
| CAOND122801 | 381.0 | 382.5 | 1.5 | 0.007 | | | | 2.77 |
| CAOND122802 | 382.5 | 384.0 | 1.5 | 0.009 | | | | 2.76 |
| CAOND122803 | 384.0 | 385.5 | 1.5 | 0.003 | | | | 2.77 |
| CAOND122804 | 385.5 | 387.0 | 1.5 | 0.003 | | | | 2.77 |
| CAOND122805 | 387.0 | 388.5 | 1.5 | 0.008 | | | | 2.80 |
| CAOND122806 | 388.5 | 390.0 | 1.5 | 0.012 | | | | 2.78 |
| CAOND122807 | 390.0 | 391.5 | 1.5 | 0.018 | | | | 2.77 |
| CAOND122808 | 391.5 | 393.0 | 1.5 | 0.016 | | | | 2.77 |
| CAOND122809 | 393.0 | 394.5 | 1.5 | 0.042 | | | | 2.77 |
| CAOND122810 | 394.5 | 396.0 | 1.5 | 0.030 | | | | 2.78 |
| CAOND122811 | 396.0 | 397.0 | 1.0 | 0.015 | | | | 2.78 |
| CAOND122812 | 397.0 | 398.5 | 1.5 | 0.019 | | | | 2.78 |
| CAOND122813 | 398.5 | 400.0 | 1.5 | 0.011 | | | | 2.77 |
| CAOND122814 | 400.0 | 401.5 | 1.5 | 0.014 | | | | 2.78 |
| CAOND122816 | 401.5 | 403.0 | 1.5 | 0.029 | | | | 2.78 |
| CAOND122817 | 403.0 | 404.5 | 1.5 | 0.041 | | | | 2.76 |
| CAOND122818 | 404.5 | 406.0 | 1.5 | 0.009 | | | | 2.76 |
| CAOND122819 | 406.0 | 407.5 | 1.5 | 0.009 | | | | 2.75 |
| CAOND122821 | 407.5 | 409.0 | 1.5 | 0.015 | | | | 2.75 |
| CAOND122822 | 409.0 | 410.5 | 1.5 | 0.007 | | | | 2.73 |

**Hole number:** KLUC19-539

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122823 | 410.5 | 412.0 | 1.5 | 0.017 | | | | 2.76 |
| CAOND122824 | 412.0 | 413.5 | 1.5 | 0.012 | | | | 2.73 |
| CAOND122826 | 413.5 | 415.0 | 1.5 | 0.009 | | | | 2.74 |
| CAOND122827 | 415.0 | 416.5 | 1.5 | 0.008 | | | | 2.75 |
| CAOND122828 | 416.5 | 418.0 | 1.5 | 0.014 | | | | 2.77 |
| CAOND122829 | 418.0 | 419.5 | 1.5 | 0.044 | | | | 2.77 |
| CAOND122831 | 419.5 | 421.0 | 1.5 | 0.012 | | | | 2.78 |
| CAOND122832 | 421.0 | 422.4 | 1.4 | 0.056 | | | | 2.79 |

**Major:** **From:** 422.40 **To:** 427.70 FP, Feldspar porphyry

Composition: Medium brownish pink and pinkish grey; porphyritic texture; FP - Feldspar porphyry. Magnetism: Non magnetic. Veinning: 1% irregular, chaotic, mmscale qtz-cal veinning. Structure: Weak preferential alignment and flatening of phenocrysts. Alteration: Weak calcite. Mineralization: 1-2% very fine grained PY dusting. Lower Contact: Sharp and oriented at 40 TCA.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

422.40, 427.70, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained dissemianted PY

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122833 | 422.4 | 423.5 | 1.1 | 0.008 | | | | 2.74 |
| CAOND122834 | 423.5 | 425.0 | 1.5 | 0.005 | | | | 2.73 |
| CAOND122835 | 425.0 | 426.5 | 1.5 | 0.006 | | | | 2.74 |
| CAOND122836 | 426.5 | 427.7 | 1.2 | 0.010 | | | | 2.76 |

**Major:** **From:** 427.70 **To:** 433.50 S, Roches sédimentaires indéterminées

Composition: Multi-coloured, mm to cm banding; S - sediments. Magnetism: Non magnetic. Veinning: 1-2% irregular and chaotic carbonate veinning. Structure: Moderate to strong parallel deformation oriented at 40-50 TCA. Alteration: Variable depending on layer/band. Mineralization: 2-3% very fine grained PY dusting. Lower Contact: Gradational, identified with XRF

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

427.70, 433.50, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained dissemianted PY

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

427.70, 433.50, DFZ, STRONG, -, -, -, -, Moderate to strong parallel deformation

427.70, 433.50, FOL, STRONG, 40.00, -, -, -, Moderate to strong parallel deformation

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122837 | 427.7 | 428.5 | 0.8 | 0.028 | | | | 2.84 |
| CAOND122838 | 428.5 | 429.5 | 1.0 | 0.042 | | | | 2.83 |
| CAOND122839 | 429.5 | 431.0 | 1.5 | 0.030 | | | | 2.83 |
| CAOND122840 | 431.0 | 432.5 | 1.5 | 0.020 | | | | 2.81 |
| CAOND122841 | 432.5 | 433.5 | 1.0 | 0.067 | | | | 2.88 |

**Major:** **From:** 433.50 **To:** 450.80 V8, Trachyte

XRF UNIT 2 (GREEN) - ALKALINE (Low Zr) Composition: Dominantly dark green and dark grey with irregular patches and spots of pale and medium grey, beige, pale and medium green and medium reds; chaotic, fractured? and deformed texture; V8 - Trachyte (temporary name). Magnetism: Strongly magnetic. Veinning: Less than 1% irregular and random carbonate veinning. Structure: Strong chaotic and fragmented deformation. Alteration: Variable. Mineralization: None observed. Lower Contact: Sharp oriented at 40 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122842 | 433.5 | 435.0 | 1.5 | 0.023 | | | | 2.91 |
| CAOND122843 | 435.0 | 436.5 | 1.5 | 0.031 | | | | 3.01 |
| CAOND122844 | 436.5 | 438.0 | 1.5 | 0.005 | | | | 2.91 |
| CAOND122846 | 438.0 | 439.5 | 1.5 | 0.021 | | | | 2.88 |
| CAOND122847 | 439.5 | 441.0 | 1.5 | 0.042 | | | | 2.93 |

**Hole number:** KLUC19-539

**MINOR INTERVAL**
444.50 - 446.30: IStrongly chaotically deformation intrusion. Contacts are unclear due to deformation

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
433.50, 434.00, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained dissemianted PY

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
433.50, 450.80, BRC, MOD, -, -, -, -, Weak to moderate brecciation/fragmenting
433.50, 450.80, DFZ, STRONG, -, -, -, -, Strong chaotic deformation

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122848 | 441.0 | 442.5 | 1.5 | 0.011 | | | | 2.91 |
| CAOND122849 | 442.5 | 443.5 | 1.0 | 0.003 | | | | 2.87 |
| CAOND122851 | 443.5 | 444.5 | 1.0 | 0.043 | | | | 2.85 |
| CAOND122852 | 444.5 | 445.5 | 1.0 | 0.024 | | | | 2.78 |
| CAOND122853 | 445.5 | 446.3 | 0.8 | 0.030 | | | | 2.77 |
| CAOND122854 | 446.3 | 447.5 | 1.2 | 0.037 | | | | 2.78 |
| CAOND122855 | 447.5 | 449.0 | 1.5 | 0.012 | | | | 2.85 |
| CAOND122856 | 449.0 | 450.0 | 1.0 | 0.010 | | | | 2.80 |
| CAOND122857 | 450.0 | 450.8 | 0.8 | 0.013 | | | | 2.79 |

**Major:** **From:** 450.80 **To:** 465.40 I, Roches intrusive indetermine

Composition: Medium orangish red, fine grained and massive. 460.8-465.4m = interval that is weak to moderately porphyritic, possibly 2 different intrusions; I - intrusion. Magnetism: Moderately magnetic Veinning: 1-2% irregular and chaotic qtz-carb and carb veinning. Structure: Weakly broken core and moderate healed microfractures. Alteration: Moderate to strong pervasive red alteration (heM? or kspar?). Mineralization: 2-3% clustered chalcopyrite occuring in veinnng. Lower Contact: Sharp but irregular.

**MINOR INTERVAL**
459.90 - 460.80: V890cm thick interval of moderately deformed lenses of alternating intrusion and alkaline unit

**TEXTURE**
TYPE/COLOR/GRAIN_SIZE/COMMENTS
450.80, 460.80, MAS, -, -, -
460.80, 465.40, POR, -, -, -

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
450.80, 465.40, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained dissemianted PY
457.00, 459.00, CPY, PAT, 3.00, -, -, 3% random patches and clusters of Cp mineralization

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
450.80, 465.40, KFS+, PEN, STRONG, -, -, -, Strong pervasive medium orangish red kspar? alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
450.80, 465.40, BRR, WEAK, -, -, -, -, -
450.80, 465.40, DFZ, WEAK, -, -, -, -, Weak parallel brittle? deformation
450.80, 465.40, FOL, WEAK, 40.00, -, -, -, Weak foliation oriented at 40-50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122858 | 450.8 | 452.0 | 1.2 | 0.027 | | | | 2.75 |
| CAOND122859 | 452.0 | 453.5 | 1.5 | 0.013 | | | | 2.71 |
| CAOND122861 | 453.5 | 455.0 | 1.5 | 0.009 | | | | 2.69 |
| CAOND122862 | 455.0 | 456.5 | 1.5 | 0.008 | | | | 2.74 |
| CAOND122863 | 456.5 | 457.5 | 1.0 | 0.018 | | | | 2.70 |
| CAOND122864 | 457.5 | 458.9 | 1.4 | 0.357 | | | | 2.71 |
| CAOND122865 | 458.9 | 459.9 | 1.0 | 1.140 | | | | 2.74 |
| CAOND122866 | 459.9 | 460.8 | 0.9 | 2.180 | | | | 2.81 |
| CAOND122867 | 460.8 | 462.0 | 1.2 | 0.006 | | | | 2.70 |
| CAOND122868 | 462.0 | 463.5 | 1.5 | 0.016 | | | | 2.74 |
| CAOND122869 | 463.5 | 464.5 | 1.0 | 0.009 | | | | 2.71 |
| CAOND122871 | 464.5 | 465.4 | 0.9 | 0.007 | | | | 2.65 |

**Hole number:** KLUC19-539

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
457.00, 459.00, QtzCbt, 2.00, -, -, -, -, -, -, -, CPY, 3.00, 2% irregular qtz-carb veinning parallel to core and less than 1cm thick

**Major:** **From:** 465.40 **To:** 469.60 V8, Trachyte

XRF UNIT 2 (GREEN) - ALKALINE (Low Zr) Composition: Dominantly medium to dark green with chaotic pink, white and beige colours, massive texture with local clasts and fragments and pervasive chaotic veinning; V8 - Trachyte (temporary name). Magnetism: Moderately magnetic. Veinning: 1% qtz veinning and 15-20% chaotic and irregular, locally chaotically folded carb veinning and fracture filling. Structure: Weak to moderate chaotic deformation. Alteration: Moderate carbonate alteration Mineralization: 0.1-0.5% very fine grained PY dusting and 1-2% microfracture filling Mt. Lower Contact: Sharp and oriented at 10 TCA.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
465.40, 469.60, CBT+, PAT, MOD, -, -, -, Moderate patchy and chaotic Fe-carb alteration, locally stained blue

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
465.40, 469.60, DFZ, MOD, -, -, -, -, Moderate chaotic deformation

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
465.40, 469.60, ANK, 15.00, -, -, -, -, -, -, -, -, -, 15% chaotic and irregular Fe-carb veinning

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122872 | 465.4 | 466.9 | 1.5 | 0.160 | | | | 2.92 |
| CAOND122873 | 466.9 | 468.1 | 1.2 | 0.135 | | | | 2.91 |
| CAOND122874 | 468.1 | 469.6 | 1.5 | 0.046 | | | | 2.88 |

**Major:** **From:** 469.60 **To:** 472.60 I, Roches intrusive indetermine

Composition: Medium orangish red, fine grained and massive texture; I - intrusion. Magnetism: Moderately magnetic Veinning: 1-2% irregular and chaotic qtz-carb and carb veinning. Structure: Weak to moderate brittle deformation and microfracturing. Alteration: Moderate to strong pervasive red alteration (hem? or kspar?). Mineralization: 0.1-0.5% very fine grained PY dusting and 1-2% microfracture filling Mt Lower Contact: Sharp and oriented at 40 TCA

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
469.60, 472.60, KFS+, PEN, MOD, -, -, -, Moderate to strong pervasive medium orangish red kspar? alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
469.60, 469.80, DFZ, MOD, -, -, -, -, Moderate chaotic deformation

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122876 | 469.6 | 471.0 | 1.4 | 0.063 | | | | 2.71 |
| CAOND122877 | 471.0 | 471.9 | 0.9 | 0.037 | | | | 2.73 |
| CAOND122878 | 471.9 | 472.6 | 0.7 | 0.073 | | | | 2.73 |

## Hole number: KLUC19-539

**Major:** **From:** 472.60 **To:** 474.20 V8, Trachyte

XRF UNIT 2 (GREEN) - ALKALINE (Low Zr) Composition: Dark green, beige and pinkish beige colour with tuffaceous texture; V8 - Trachyte (temporary name). Magnetism: Moderately magnetic. Veinning: 1% mm scale discontinuous carb veinning parallel to deformation and 0.5cm thick carb veining cross cutting deformation. Structure: Strong paralel deformation oriented at 20-30 TCA. Alteration: Moderate carb alteration. Mineralization: None observed. Lower Contact: Sharp oriented at 10 TCA.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

472.60, 474.20, CBT+, PAT, MOD, -, -, -, Moderate patchy and spotted Fe-carb alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

472.60, 474.20, DFZ, MOD, 20.00, -, -, -, Moderate to strong parallel deformation

472.60, 474.20, FOL, MOD, 20.00, -, -, -, Moderate foliation at 20-30 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122879 | 472.6 | 473.5 | 0.9 | 0.104 | | | | 2.87 |
| CAOND122881 | 473.5 | 474.2 | 0.7 | 0.051 | | | | 2.85 |

**Major:** **From:** 474.20 **To:** 477.30 I, Roches intrusive indetermine

Composition: Medium orangish red, fine grained and massive texture; I - intrusion. Magnetism: Moderately magnetic Veinning: 1-2% irregular and chaotic qtz-carb and carb veinning. Structure: Weak to moderate brittle deformation and microfracturing. Alteration: Moderate to strong pervasive red alteration (hem? or kspar?). Mineralization: 0.1-0.5% very fine grained PY dusting and 1-2% microfracture filling Mt. Lower Contact: Sharp and irregular; oriented at 80 TCA.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

474.20, 477.30, KFS+, PEN, MOD, -, -, -, Moderate to strong pervasive medium orangish red kspar? alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122882 | 474.2 | 475.2 | 1.0 | 0.034 | | | | 2.75 |
| CAOND122883 | 475.2 | 476.3 | 1.1 | 0.043 | | | | 2.68 |
| CAOND122884 | 476.3 | 477.3 | 1.0 | 0.022 | | | | 2.78 |

**Major:** **From:** 477.30 **To:** 484.30 V8, Trachyte

XRF UNIT 2 (GREEN) - ALKALINE (Low Zr) Composition: Dark green, beige and pinkish beige colour with tuffaceous texture; V8 - Trachyte (temporary name). Magnetism: Moderately magnetic. Veinning: 2-3% mm scale discontinuous and chaotic carb veinning. Structure: Moderate to strong paralel deformation oriented at 0 TCA. Alteration: Moderate patchy and spotted carb alteration. Mineralization: 2-3% very fine grained Py dusting. Lower Contact: Sharp oriented at 15 TCA.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

477.30, 484.30, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained dissemianted PY

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

477.30, 484.30, CBT+, PAT, MOD, -, -, -, Moderate patchy and spotted Fe-carb alteration

**STRUCTURE**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122885 | 477.3 | 478.5 | 1.2 | 0.063 | | | | 2.85 |
| CAOND122886 | 478.5 | 480.0 | 1.5 | 0.273 | | | | 2.86 |
| CAOND122887 | 480.0 | 481.5 | 1.5 | 0.446 | | | | 2.88 |
| CAOND122888 | 481.5 | 483.0 | 1.5 | 0.652 | | | | 2.89 |
| CAOND122889 | 483.0 | 484.3 | 1.3 | 0.369 | | | | 2.89 |

**Hole number:** KLUC19-539

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
477.30, 484.30, DFZ, MOD, 0.00, -, -, -, Moderate to strong parallel deformation
477.30, 484.30, FOL, MOD, 0.00, -, -, -, Moderate foliation at 0-10 TCA

**Major:** **From:** 484.30 **To:** 485.20 I, Roches intrusive indetermine

Composition: Medium orangish red, fine grained and massive texture; I - intrusion. Magnetism: Non magnetic Veinning: 1% irregular and chaotic qtz-carb and carb veinning. Structure: Weak to moderate brittle deformation and microfracturing. Alteration: Moderate to strong pervasive red alteration (hem? or kspar?). Mineralization: 0.5-1% very fine grained PY dusting. Lower Contact: Sharp and irregular; oriented at 10 TCA.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
484.30, 485.20, PYR, DIS, .50, -, VFG, 0.5-1% very fine grained dissemianted PY

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
484.30, 485.20, KFS+, PEN, MOD, -, -, -, Moderate to strong pervasive medium orangish red kspar? alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122891 | 484.3 | 485.2 | 0.9 | 1.385 | | | | 2.76 |

**Major:** **From:** 485.20 **To:** 496.60 S, Roches sédimentaires indéterminées

Composition: Dark grey and medium pink conglemerate texture gradually changing to pale greenish grey fine grained and massive texture and then to fine grained massive to fragmented and clastic texture; S - Sediment. Magnetism: Moderate magnetism to 488m then becoming non magnetic. Veinning: 1-2% irregular, chaotic and discontinuous micrfracture filling carb veinlets. Structure: Moderate to locally weak parallel deformation at 20-30 TCA gradually to 0 TCA. Alteration: Weak to moderate Fe-Carb alteration. Mineralization: 2-3% very fine grained PY dusting. Lower Contact: Parallel to core over 50cm

**TEXTURE**
TYPE/COLOR/GRAIN_SIZE/COMMENTS
485.20, 488.00, FGT, -, -, -
488.00, 496.60, MAS, -, -, -

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
485.20, 496.60, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained dissemianted PY

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
485.20, 496.60, CBT+, PAT, WEAK, -, -, -, Weak to moderate patchy Fe-carb alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
485.20, 488.00, DFZ, MOD, 10.00, -, -, -, Moderate to strong parallel deformation
485.20, 488.00, FOL, MOD, 10.00, -, -, -, Moderate foliation at 10-20 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122892 | 485.2 | 486.5 | 1.3 | 0.093 | | | | 2.85 |
| CAOND122893 | 486.5 | 488.0 | 1.5 | 0.166 | | | | 2.80 |
| CAOND122894 | 488.0 | 489.5 | 1.5 | 0.077 | | | | 2.79 |
| CAOND122895 | 489.5 | 491.0 | 1.5 | 0.024 | | | | 2.80 |
| CAOND122896 | 491.0 | 492.5 | 1.5 | 0.135 | | | | 2.81 |
| CAOND122897 | 492.5 | 494.0 | 1.5 | 0.111 | | | | 2.81 |
| CAOND122898 | 494.0 | 495.0 | 1.0 | 0.066 | | | | 2.84 |
| CAOND122899 | 495.0 | 496.0 | 1.0 | 0.090 | | | | 2.83 |
| CAOND122901 | 496.0 | 496.6 | 0.6 | 0.209 | | | | 2.88 |

**Hole number:** KLUC19-539

488.00, 496.60, DFZ, WEAK, 0.00, -, -, -, Weak parallel deformation
488.00, 496.60, FOL, WEAK, 0.00, -, -, -, Weak foliation at 0 TCA

**Major:** **From:** 496.60 **To:** 499.90 I, Roches intrusive indetermine

Composition: Medium red colour, fine grained and massive texture but chaotic; I - Intrusion. Magnetism: Non magnetic. Veinning: 3-5% mm scale discontinuous microfracture filling carb veinlets. Structure: Weak to moderate chaotic deformation and microfracturing. Alteration: Moderate pervasive red hem/kspar alteration. Mineralization: 0.1-0.5% very fine grained PY Lower Contact: Irregular.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
496.60, 499.90, KFS+, PEN, MOD, -, -, -, Moderate to strong pervasive medium orangish red kspar? alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122902 | 496.6 | 498.0 | 1.4 | 0.037 | | | | 2.76 |
| CAOND122903 | 498.0 | 499.0 | 1.0 | 0.139 | | | | 2.75 |
| CAOND122904 | 499.0 | 499.9 | 0.9 | 0.059 | | | | 2.75 |

**Major:** **From:** 499.90 **To:** 503.20 S, Roches sédimentaires indéterminées

Composition: Pale greenish to pinkish grey to beige, fine to medium grained, chaotic texture; S - Sediment. Magnetism: Non magnetic. Veinning: 1-2% mm scale microfracture filling carb veinlets. Structure: None, moderate parallel deformation over 40cm at lower contact. Alteration: Weak pervasive carbonate alteration. Mineralization: None observed. Lower Contact: Sharp and straight; oriented at 30 TCA.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122905 | 499.9 | 501.0 | 1.1 | 0.011 | | | | 2.71 |
| CAOND122906 | 501.0 | 502.0 | 1.0 | 0.022 | | | | 2.74 |
| CAOND122907 | 502.0 | 503.2 | 1.2 | 0.028 | | | | 2.77 |

**Major:** **From:** 503.20 **To:** 508.40 V8, Trachyte

XRF UNIT 2 (GREEN) - ALKALINE (Low Zr) Composition: Medium yellowish green, fine grained and massive; V8 - Trachyte (temporary name). Magnetism: Strongly magnetic. Veinning: 2-3% mm scale irregular and discontinuoue carb veinlets. Structure: Weak to moderate parallel deformation with no preferred orientation, angle varies between 0 - 30 TCA. Alteration: Strong pervasive sericite alteration. Mineralization: None observed. Lower Contact: Sharp but irregular.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
503.20, 508.40, SER+, PEN, STRONG, -, -, -, Strong pervasive sericite alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122908 | 503.2 | 504.5 | 1.3 | 0.006 | | | | 3.00 |
| CAOND122909 | 504.5 | 506.0 | 1.5 | 0.095 | | | | 2.99 |
| CAOND122910 | 506.0 | 507.5 | 1.5 | 0.036 | | | | 3.00 |
| CAOND122911 | 507.5 | 508.4 | 0.9 | 0.012 | | | | 2.97 |

**Major:** **From:** 508.40 **To:** 512.50 S, Roches sédimentaires indéterminées

Composition: Medium pink colour, fine grained and relatively massive; S - Sediment. Magnetism: Non magnetic. Veinning: 1% irregular and discontinuous carb veinning Structure: Moderate parallel deformation oriented at 30 TCA and suddenly changing to 0 TCA. Alteration: Moderate pervasive kspar alteration. Mineralization: 2-3% very fine grained dissemianted PY. Lower Contact: Sharp and straight, oriented at 20 TCA.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
508.50, 512.50, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained dissemianted PY

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122912 | 508.4 | 509.5 | 1.1 | 0.079 | | | | 2.83 |
| CAOND122913 | 509.5 | 511.0 | 1.5 | 0.171 | | | | 2.75 |
| CAOND122914 | 511.0 | 512.5 | 1.5 | 0.061 | | | | 2.80 |

**Hole number:** KLUC19-539

508.40, 508.50, SER+, PEN, STRONG, -, -, -, Strong pervasive sericite alteration
508.50, 512.50, KFS+, PEN, MOD, -, -, -, Moderate pervasive kspar alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
508.50, 511.30, FOL, MOD, 30.00, -, -, -, Moderate foliation at 30 TCA
508.50, 512.50, DFZ, MOD, 30.00, -, -, -, Moderate to strong parallel deformation
511.30, 512.50, FOL, MOD, 0.00, -, -, -, Moderate foliation at 0 TCA

**Major:** **From:** 512.50 **To:** 513.60 V8, Trachyte

XRF UNIT 2 (GREEN) - ALKALINE (Low Zr) Composition: Medium yellowish green, fine grained and massive; V8 - Trachyte (temporary name). Magnetism: Strongly magnetic. Veinning: 0.5% mm scale irregular and discontinuoue carb veinlets. Structure: Weak deformation at no preferred orientation. Alteration: Strong pervasive sericite alteration. Mineralization: None observed. Lower Contact: Sharp but wavy and irregular.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
512.50, 513.60, SER+, PEN, STRONG, -, -, -, Strong pervasive sericite alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122916 | 512.5 | 513.6 | 1.1 | 0.087 | | | | 2.98 |

**Major:** **From:** 513.60 **To:** 514.90 S, Roches sédimentaires indéterminées

Composition: Medium pink colour, fine grained and relatively massive; S - Sediment. Magnetism: Non magnetic. Veinning: 1% mm scale irregular and discontinuous carb and qtz veinning. Structure: Weak deformation and microfracturing. Alteration: Moderate pervasive kspar alteration. Mineralization: 2-3% very fine grained dissemianted PY. Lower Contact: Sharp and straight, oriented at 30 TCA.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
513.60, 514.90, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained dissemianted PY

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
513.60, 514.90, KFS+, PEN, MOD, -, -, -, Moderate pervasive kspar alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122917 | 513.6 | 514.9 | 1.3 | 0.234 | | | | 2.80 |

**Major:** **From:** 514.90 **To:** 518.20 V8, Trachyte

XRF UNIT 2 (GREEN) - ALKALINE (Low Zr) Composition: Medium yellowish green, fine grained and massive; V8 - Trachyte (temporary name). Magnetism: Strongly magnetic. Veinning: 1-2% mm scale irregular and discontinuoue carb veinlets. Structure: Moderate to strong chaotic deformation at no preferred orientation. Locally parallel over 5-10cm and 50cm intervals 40-50 and 0-10 TCA. Alteration: Strong pervasive sericite alteration. Mineralization: None observed. Lower Contact: Sharp but irregular; oriented at 80 TCA.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
514.90, 518.20, SER+, PEN, STRONG, -, -, -, Strong pervasive sericite alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122918 | 514.9 | 516.0 | 1.1 | 0.039 | | | | 2.94 |
| CAOND122919 | 516.0 | 517.0 | 1.0 | 0.006 | | | | 2.94 |
| CAOND122921 | 517.0 | 518.2 | 1.2 | 0.006 | | | | 2.95 |

**Hole number:** KLUC19-539

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
514.90, 518.20, DFZ, MOD, -, -, -, -, Moderate to strong chaotic deformation with local 5-10 and 50cm thick intervals with parallel alignment at 40-50 and 0-10 TCA.

**Major: From:** 518.20 **To:** 525.80 I, Roches intrusive indetermine

Composition: Medium red colour, fine grained and massive texture but chaotic; I - Intrusion. Magnetism: Non magnetic. Veinning: 3-5% mm scale discontinuous microfracture filling carb veinlets. Structure: Weak to moderate chaotic deformation and microfracturing. Alteration: Moderate pervasive red hem/kspar alteration. Mineralization: 2-3% very fine grained PY Lower Contact: Sharp and oriented at 40 TCA.

**MINOR INTERVAL**
519.40 - 519.60: V820cm thick interval of strongly Se altered Alkaline unit 2

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
518.20, 525.80, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained dissemianted PY

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
518.20, 525.80, KFS+, PEN, MOD, -, -, -, Moderate pervasive kspar alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122922 | 518.2 | 519.3 | 1.1 | 0.003 | | | | 2.76 |
| CAOND122923 | 519.3 | 520.0 | 0.7 | 0.185 | | | | 2.85 |
| CAOND122924 | 520.0 | 521.5 | 1.5 | 0.398 | | | | 2.76 |
| CAOND122926 | 521.5 | 523.0 | 1.5 | 0.301 | | | | 2.74 |
| CAOND122927 | 523.0 | 524.5 | 1.5 | 0.695 | | | | 2.76 |
| CAOND122928 | 524.5 | 525.8 | 1.3 | 0.752 | | | | 2.79 |

**Major: From:** 525.80 **To:** 544.60 S, Roches sédimentaires indéterminées

Composition: Pale grey, pinkish grey and greenish grey, fine grained and massive, weak chaotic texture; S - Sediment. Magnetism: Non magnetic. Veinning: 1% 0.5cm thick, irregular and discontinuous qtz-carb veinning. Structure: Moderate deformation with weak preferential alignment. Alteration: Weak carbonate alteration. Mineralization: 2-3% very fine grained disseminated Py. Lower Contact: Sharp and straight oriented at 15 TCA, occuring over 20cm.

**MINOR INTERVAL**
525.80 - 532.00: PORPHPossibly a porphyritic intrusion?? and not sediment. Sharp but fragmented contact occuring over 50cm at 10 TCA.

**MINOR INTERVAL**
537.70 - 539.00: V8XRF UNIT 2 (GREEN) - ALKALINE (Low Zr) Composition: Medium yellowish green, fine grained and massive; V8 - Trachyte (temporary name). Magnetism: Non magnetic. Veinning: 1-2% mm scale irregular and discontinuoue carb veinlets. Structure: Weak to moderate chaotic deformation at no preferred orientation. Alteration: Strong pervasive sericite alteration. Mineralization: None observed. Contact: Sharp but irregular upper contact and sharp lower contact at 30 TCA.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
525.80, 537.70, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained dissemianted PY
539.00, 544.60, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained dissemianted PY

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122929 | 525.8 | 526.6 | 0.8 | 0.088 | | | | 2.71 |
| CAOND122931 | 526.6 | 527.5 | 0.9 | 0.073 | | | | 2.78 |
| CAOND122932 | 527.5 | 529.0 | 1.5 | 0.020 | | | | 2.75 |
| CAOND122933 | 529.0 | 530.5 | 1.5 | 0.024 | | | | 2.74 |
| CAOND122934 | 530.5 | 532.0 | 1.5 | 0.046 | | | | 2.76 |
| CAOND122935 | 532.0 | 533.5 | 1.5 | 0.112 | | | | 2.73 |
| CAOND122936 | 533.5 | 535.0 | 1.5 | 0.059 | | | | 2.74 |
| CAOND122937 | 535.0 | 536.5 | 1.5 | 0.045 | | | | 2.79 |
| CAOND122938 | 536.5 | 537.7 | 1.2 | 0.013 | | | | 2.70 |
| CAOND122939 | 537.7 | 539.0 | 1.3 | 0.020 | | | | 2.94 |
| CAOND122940 | 539.0 | 540.5 | 1.5 | 0.068 | | | | 2.75 |
| CAOND122941 | 540.5 | 542.0 | 1.5 | 0.204 | | | | 2.71 |
| CAOND122942 | 542.0 | 543.5 | 1.5 | 0.363 | | | | 2.75 |
| CAOND122943 | 543.5 | 544.6 | 1.1 | 0.218 | | | | 2.80 |

**Hole number:** KLUC19-539

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
537.70, 539.00, SER+, PEN, STRONG, -, -, -, Strong pervasive sericite alteration

**Major:** **From:** 544.60 **To:** 547.40 V8, Trachyte

XRF UNIT 2 (GREEN) - ALKALINE (Low Zr) Composition: Medium yellowish green, fine grained and massive; V8 - Trachyte (temporary name). Magnetism: Non magnetic. Veinning: 1-2% mm scale irregular and discontinuoue carb veinlets and 1x 0.5cm irregular qtz vein. Structure: Moderate to strong chaotic deformation at no preferred orientation. Dominantly trending at 0 TCA. Alteration: Strong pervasive sericite alteration. Mineralization: None observed. Lower Contact: Sharp and straight oriented at 30 TCA.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
544.60, 547.40, SER+, PEN, STRONG, -, -, -, Strong pervasive sericite alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
544.60, 547.40, DFZ, MOD, -, -, -, -, Moderate chaotic deformation with weak preferential alignment at 0 TCA.
544.60, 547.40, FOL, WEAK, 0.00, -, -, -, Weak preferential alignment at 0 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122944 | 544.6 | 546.0 | 1.4 | 0.043 | | | | 2.94 |
| CAOND122946 | 546.0 | 547.4 | 1.4 | 0.024 | | | | 2.93 |

**Major:** **From:** 547.40 **To:** 568.90 S, Roches sédimentaires indéterminées

Composition: Pale grey, pinkish grey and greenish grey, fine grained and massive, weak chaotic texture; S - Sediment. Magnetism: Non magnetic. Veinning: 1% irregular and discontinuous, mm scale carb veinning. Structure: Moderate deformation with weak preferential alignment dominantly at 0-10 TCA. Alteration: Weak carbonate alteration and moderate pervasive silicification. Mineralization: 1-2% very fine grained disseminated Py. Lower Contact: Sharp but irregular; trending at 40 TCA.

**MINOR INTERVAL**
560.80 - 561.90: V8XRF UNIT 2 (GREEN) - ALKALINE (Low Zr) Composition: Greenish to pinkish beige colour, fine grained and massive; V8 - Trachyte (temporary name). Magnetism: Weakly magnetic. Veinning: Rare Structure: Weakly chaotically deformed. Alteration: Moderate carb? bleaching. Mineralization: None observed Lower Contact: Sharp but irregular.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
547.40, 560.60, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained dissemianted PY

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
547.40, 568.90, SIC+, PEN, MOD, -, -, -, Moderate pervasive silicification
565.00, 567.00, KFS+, PEN, MOD, -, -, -, Moderate pervasive kspar alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122947 | 547.4 | 548.5 | 1.1 | 0.112 | | | | 2.78 |
| CAOND122948 | 548.5 | 550.0 | 1.5 | 0.109 | | | | 2.74 |
| CAOND122949 | 550.0 | 551.5 | 1.5 | 0.160 | | | | 2.67 |
| CAOND122951 | 551.5 | 553.0 | 1.5 | 0.096 | | | | 2.73 |
| CAOND122952 | 553.0 | 554.5 | 1.5 | 0.368 | | | | 2.75 |
| CAOND122953 | 554.5 | 556.0 | 1.5 | 0.188 | | | | 2.75 |
| CAOND122954 | 556.0 | 557.5 | 1.5 | 0.099 | | | | 2.73 |
| CAOND122955 | 557.5 | 559.0 | 1.5 | 0.045 | | | | 2.73 |
| CAOND122956 | 559.0 | 560.0 | 1.0 | 0.190 | | | | 2.75 |
| CAOND122957 | 560.0 | 560.8 | 0.8 | 6.800 | | | | 2.87 |
| CAOND122958 | 560.8 | 561.9 | 1.1 | 0.875 | | | | 2.87 |
| CAOND122959 | 561.9 | 563.0 | 1.1 | 0.278 | | | | 2.71 |
| CAOND122961 | 563.0 | 564.5 | 1.5 | 0.779 | | | | 2.78 |
| CAOND122962 | 564.5 | 566.0 | 1.5 | 0.013 | | | | 2.72 |
| CAOND122963 | 566.0 | 567.5 | 1.5 | 0.154 | | | | 2.73 |

## Hole number: KLUC19-539

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122964 | 567.5 | 568.9 | 1.4 | 2.150 | | | | 2.77 |

**Major: From:** 568.90 **To:** 599.00 V8, Trachyte

XRF UNIT 2 (GREEN) - ALKALINE (Low Zr) Composition: Medium grey, medium greenish grey, medium pink coloured very fine to fine grained matrix with 3-20% fine grained subrounded dark red spots, massive and chaotic texture. Local intervals that are brecciated? and fragemented into subrounded fragments; V8 - TRachyte (temporary name). Magnetism: Moderate magnetism. Veinning: 1% mm scale and microfracture filling carb veinning. Structure: Weak deformation and preferential alignment. Alteration: Moderate to strong pervasive Fe-carb alteration. Mineralization: Local 2-3% very fine grained PY dusting over 20-50cm. Lower Contact: Gradational.

**TEXTURE**

TYPE/COLOR/GRAIN_SIZE/COMMENTS

568.90, 599.00, SPO, -, -, Red spotted

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

585.00, 588.00, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained dissemianted PY
594.00, 595.00, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained dissemianted PY
597.00, 599.00, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained dissemianted PY

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

568.90, 599.00, ANK+, PEN, MOD, -, -, -, Moderate to strong pervasive Fe-carb alt

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

568.90, 599.00, DFZ, WEAK, -, -, -, -, Weak to moderate chaotic deformation locally preferentially aligned

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122965 | 568.9 | 570.0 | 1.1 | 0.296 | | | | 2.86 |
| CAOND122966 | 570.0 | 571.5 | 1.5 | 0.044 | | | | 2.85 |
| CAOND122967 | 571.5 | 573.0 | 1.5 | 0.016 | | | | 2.86 |
| CAOND122968 | 573.0 | 574.5 | 1.5 | 0.019 | | | | 2.88 |
| CAOND122969 | 574.5 | 576.0 | 1.5 | 0.023 | | | | 2.88 |
| CAOND122971 | 576.0 | 577.5 | 1.5 | 0.029 | | | | 2.87 |
| CAOND122972 | 577.5 | 579.0 | 1.5 | 0.024 | | | | 2.87 |
| CAOND122973 | 579.0 | 580.5 | 1.5 | 0.038 | | | | 2.78 |
| CAOND122974 | 580.5 | 582.0 | 1.5 | 0.016 | | | | 2.81 |
| CAOND122976 | 582.0 | 583.5 | 1.5 | 0.003 | | | | 2.82 |
| CAOND122977 | 583.5 | 585.0 | 1.5 | 0.005 | | | | 2.89 |
| CAOND122978 | 585.0 | 586.5 | 1.5 | 0.077 | | | | 2.87 |
| CAOND122979 | 586.5 | 588.0 | 1.5 | 0.033 | | | | 2.86 |
| CAOND122981 | 588.0 | 589.5 | 1.5 | 0.016 | | | | 2.89 |
| CAOND122982 | 589.5 | 591.0 | 1.5 | 0.034 | | | | 2.86 |
| CAOND122983 | 591.0 | 592.5 | 1.5 | 0.016 | | | | 2.87 |
| CAOND122984 | 592.5 | 594.0 | 1.5 | 0.003 | | | | 2.87 |
| CAOND122985 | 594.0 | 595.5 | 1.5 | 0.003 | | | | 2.88 |
| CAOND122986 | 595.5 | 597.0 | 1.5 | 0.003 | | | | 2.90 |
| CAOND122987 | 597.0 | 598.0 | 1.0 | 0.184 | | | | 2.86 |
| CAOND122988 | 598.0 | 599.0 | 1.0 | 0.920 | | | | 2.87 |

**Major: From:** 599.00 **To:** 815.10 V8m, Trachyte mafic

XRF UNIT 2 (GREEN) - ALKALINE (Low Zr) Composition: Medium pinkish grey at upper contact gradually changing to dark grey with medium grey and pinkish grey patches then to dark grey with whispy white calcite veinlets, fine grained and dominantly massive with local fragmented intervals (rounded to subrounded fragments); V8 - TRachyte (temporary name). Magnetism: Strongly magnetic. Veinning: 1-2% mm scale and microfracture filling pink calcite veinning, 10-15% mm scale whispy calcite veinlets and local intervals containing 5% carb veinnning. Structure: Weak to moderate chaotic deformation. Alteration: Moderate to strong pervasive calcite alteration. Mineralization: Dominantly unmineralized with local intervals of 1-3 and 5-10% PY dusting. Lower Contact: Relatively sharp but irregular.

**MINOR INTERVAL**

814.30 - 815.10: V8mPorph80cm thick interval of poprhyritic mafic intrusion? or trachyte?

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122989 | 599.0 | 600.5 | 1.5 | 0.003 | | | | 2.86 |
| CAOND122991 | 600.5 | 602.0 | 1.5 | 0.016 | | | | 2.85 |
| CAOND122992 | 602.0 | 603.5 | 1.5 | 0.010 | | | | 2.84 |
| CAOND122993 | 603.5 | 605.0 | 1.5 | 0.012 | | | | 2.84 |
| CAOND122994 | 605.0 | 606.5 | 1.5 | 0.015 | | | | 2.93 |
| CAOND122995 | 606.5 | 608.0 | 1.5 | 0.023 | | | | 2.84 |
| CAOND122996 | 608.0 | 609.5 | 1.5 | 0.006 | | | | 2.85 |
| CAOND122997 | 609.5 | 611.0 | 1.5 | 0.005 | | | | 2.85 |

**Hole number:** KLUC19-539

## MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

611.50, 614.00, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained dissemianted PY
623.00, 625.00, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained dissemianted PY
625.00, 627.50, PYR, PAT, 10.00, -, VFG, 10% very fine grained PY occuring as dusting and irregular clusters and patches
627.50, 629.00, PYR, DIS, 3.00, -, VFG, 3-5% very fine grained dissemianted PY
629.00, 636.00, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained dissemianted PY
636.00, 640.00, PYR, DIS, 5.00, -, VFG, 5-10% very fine grained PY dominantly occuring in dissemianted clusters in margins of carb veins
640.00, 641.00, PYR, DIS, 10.00, -, VFG, 10% very fine grained PY dominantly occuring in dissemianted clusters in margins of carb veins
683.00, 684.00, PYR, DIS, 5.00, -, VFG, 5% very fine grained disseminted PY
718.00, 721.00, PYR, DIS, .50, -, VFG, 0.5% very fine grained disseminted PY
748.50, 750.20, PYR, DIS, 20.00, -, VFG, 20-25% very fine grained disseminted PY
775.50, 779.50, PYR, DIS, 5.00, -, VFG, 5-8% very fine grained disseminated PY
782.80, 786.00, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained disseminated PY
796.50, 797.50, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated PY

## ALTERATION

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

599.00, 622.00, CAL+, PEN, STRONG, -, -, -, Strong pervasive calcite alteration
622.00, 635.00, ANK+, PAT, WEAK, -, -, -, Weak to locally moderate Fe-carb alt, weak blue staining
623.50, 628.00, KFS+, PAT, MOD, -, -, -, Moderate patchy kspar alteration
628.00, 718.00, CAL+, PAT, STRONG, -, -, -, Strong patchy calcite alteration
718.00, 721.00, ANK+, PAT, STRONG, -, -, -, Strong patchy carbonate alteration, stained blue
721.00, 726.00, ANK+, PAT, MOD, -, -, -, Strong patchy carbonate alteration, stained blue
726.00, 748.50, CAL+, PEN, STRONG, -, -, -, Strong pervasive spotted calcite alteration
748.50, 750.20, ANK+, PEN, WEAK, -, -, -, Weak pervasive carbonate alteration, stained blue
750.20, 781.90, CAL+, PAT, STRONG, -, -, -, Strong pervasive spotted calcite alteration
781.90, 806.00, ANK+, PAT, STRONG, -, -, -, Intervals with strong pervasive Fe-carb alteration and others with moderate patchy Fe-carb
806.00, 815.10, CAL+, PAT, STRONG, -, -, -, Strong pervasive spotted calcite alteration

## STRUCTURE

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

599.00, 704.00, DFZ, WEAK, -, -, -, 815.10, Weak to moderate chaotic deformation locally preferentially aligned
783.00, 815.10, DFZ, MOD, -, -, -, -, -

## VEIN

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND122998 | 611.0 | 612.4 | 1.4 | 0.060 | | | | 2.85 |
| CAOND122999 | 612.4 | 613.7 | 1.3 | 1.320 | | | | 2.86 |
| CAOND123001 | 613.7 | 615.0 | 1.3 | 0.035 | | | | 2.85 |
| CAOND123002 | 615.0 | 616.5 | 1.5 | 0.029 | | | | 2.86 |
| CAOND123003 | 616.5 | 618.0 | 1.5 | 0.008 | | | | 2.86 |
| CAOND123004 | 618.0 | 619.5 | 1.5 | 0.015 | | | | 2.88 |
| CAOND123005 | 619.5 | 621.0 | 1.5 | 0.014 | | | | 2.88 |
| CAOND123006 | 621.0 | 622.5 | 1.5 | 0.025 | | | | 2.88 |
| CAOND123007 | 622.5 | 624.0 | 1.5 | 0.191 | | | | 2.84 |
| CAOND123008 | 624.0 | 625.5 | 1.5 | 1.140 | | | | 2.85 |
| CAOND123009 | 625.5 | 627.0 | 1.5 | 1.285 | | | | 2.86 |
| CAOND123010 | 627.0 | 628.0 | 1.0 | 1.510 | | | | 2.85 |
| CAOND123011 | 628.0 | 629.0 | 1.0 | 3.420 | | | | 2.87 |
| CAOND123012 | 629.0 | 630.5 | 1.5 | 0.048 | | | | 2.86 |
| CAOND123013 | 630.5 | 632.0 | 1.5 | 0.019 | | | | 2.85 |
| CAOND123014 | 632.0 | 633.5 | 1.5 | 0.005 | | | | 2.87 |
| CAOND123016 | 633.5 | 635.0 | 1.5 | 0.009 | | | | 2.86 |
| CAOND123017 | 635.0 | 636.0 | 1.0 | 0.111 | | | | 2.86 |
| CAOND123018 | 636.0 | 637.2 | 1.2 | 3.800 | | | | 2.86 |
| CAOND123019 | 637.2 | 638.4 | 1.2 | 2.260 | | | | 2.88 |
| CAOND123021 | 638.4 | 639.8 | 1.4 | 3.000 | | | | 2.88 |
| CAOND123022 | 639.8 | 641.0 | 1.2 | 1.035 | | | | 2.88 |
| CAOND123023 | 641.0 | 642.5 | 1.5 | 0.035 | | | | 2.84 |
| CAOND123024 | 642.5 | 644.0 | 1.5 | 0.035 | | | | 2.84 |
| CAOND123026 | 644.0 | 645.5 | 1.5 | 0.025 | | | | 2.83 |
| CAOND123027 | 645.5 | 647.0 | 1.5 | 0.057 | | | | 2.85 |
| CAOND123028 | 647.0 | 648.5 | 1.5 | 0.078 | | | | 2.85 |
| CAOND123029 | 648.5 | 650.0 | 1.5 | 0.039 | | | | 2.85 |
| CAOND123031 | 650.0 | 651.5 | 1.5 | 0.044 | | | | 2.85 |
| CAOND123032 | 651.5 | 653.0 | 1.5 | 0.095 | | | | 2.84 |
| CAOND123033 | 653.0 | 654.5 | 1.5 | 0.113 | | | | 2.85 |
| CAOND123034 | 654.5 | 656.0 | 1.5 | 0.046 | | | | 2.86 |
| CAOND123035 | 656.0 | 657.5 | 1.5 | 0.023 | | | | 2.86 |

**Hole number:** KLUC19-539

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS

611.50, 614.00, CBT, 5.00, -, -, -, -, -, -, -, -, -, 5% irregular, chaotic and discontinuous carbonate veinlets
623.00, 630.00, CBT, 5.00, -, -, -, -, -, -, -, -, -, 5% irregular, chaotic and discontinuous, mm scale carbonate veinlets
624.00, 629.00, QTZ, 3.00, -, -, -, -, -, -, -, -, -, 3% irregular, chaotic and discontinuous 1-2cm thick qtz to cherty veins
636.00, 644.50, CBT, 10.00, -, -, -, -, -, -, -, -, -, 10% 0.5-2cm thick irregular and wavy carbonate veinning dominantly trending parallel to core
776.00, 780.00, QTZ_2, 10.00, -, -, -, -, -, -, -, -, -, 0.5cm thick irregular qtz-carb vein trending parallel to core over 4m
783.00, 800.00, CBT, 3.00, -, -, -, -, -, -, -, -, -, 3% irregular, mm scale and discontinuous carb veinlets and stringers
803.50, 805.00, CBT, 10.00, -, -, -, -, -, -, -, -, -, 10% carbonate veinning occuring as irregular 0.5-1cm thick veins and discontinous patches of vein

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123036 | 657.5 | 659.0 | 1.5 | 0.023 | | | | 2.86 |
| CAOND123037 | 659.0 | 660.5 | 1.5 | 0.028 | | | | 2.86 |
| CAOND123038 | 660.5 | 662.0 | 1.5 | 0.029 | | | | 2.86 |
| CAOND123039 | 662.0 | 663.5 | 1.5 | 0.024 | | | | 2.86 |
| CAOND123040 | 663.5 | 665.0 | 1.5 | 0.028 | | | | 2.86 |
| CAOND123041 | 665.0 | 666.5 | 1.5 | 0.043 | | | | 2.86 |
| CAOND123042 | 666.5 | 668.0 | 1.5 | 0.338 | | | | 2.87 |
| CAOND123043 | 668.0 | 669.5 | 1.5 | 0.046 | | | | 2.86 |
| CAOND123044 | 669.5 | 671.0 | 1.5 | 0.063 | | | | 2.86 |
| CAOND123046 | 671.0 | 672.5 | 1.5 | 0.032 | | | | 2.87 |
| CAOND123047 | 672.5 | 674.0 | 1.5 | 0.047 | | | | 2.87 |
| CAOND123048 | 674.0 | 675.5 | 1.5 | 0.036 | | | | 2.85 |
| CAOND123049 | 675.5 | 677.0 | 1.5 | 0.048 | | | | 2.87 |
| CAOND123051 | 677.0 | 678.5 | 1.5 | 0.029 | | | | 2.87 |
| CAOND123052 | 678.5 | 680.0 | 1.5 | 0.011 | | | | 2.86 |
| CAOND123053 | 680.0 | 681.5 | 1.5 | 0.016 | | | | 2.85 |
| CAOND123054 | 681.5 | 683.0 | 1.5 | 0.044 | | | | 2.86 |
| CAOND123055 | 683.0 | 684.5 | 1.5 | 0.037 | | | | 2.85 |
| CAOND123056 | 684.5 | 686.0 | 1.5 | 0.003 | | | | 2.87 |
| CAOND123057 | 686.0 | 687.5 | 1.5 | 0.003 | | | | 2.86 |
| CAOND123058 | 687.5 | 689.0 | 1.5 | 0.022 | | | | 2.86 |
| CAOND123059 | 689.0 | 690.5 | 1.5 | 0.021 | | | | 2.86 |
| CAOND123061 | 690.5 | 692.0 | 1.5 | 0.011 | | | | 2.85 |
| CAOND123062 | 692.0 | 693.5 | 1.5 | 0.003 | | | | 2.85 |
| CAOND123063 | 693.5 | 695.0 | 1.5 | 0.003 | | | | 2.85 |
| CAOND123064 | 695.0 | 696.5 | 1.5 | 0.003 | | | | 2.86 |
| CAOND123065 | 696.5 | 698.0 | 1.5 | 0.003 | | | | 2.86 |
| CAOND123066 | 698.0 | 699.5 | 1.5 | 0.003 | | | | 2.86 |
| CAOND123067 | 699.5 | 701.0 | 1.5 | 0.003 | | | | 2.87 |
| CAOND123068 | 701.0 | 702.5 | 1.5 | 0.003 | | | | 2.87 |
| CAOND123069 | 702.5 | 704.0 | 1.5 | 0.003 | | | | 2.87 |
| CAOND123071 | 704.0 | 705.5 | 1.5 | 0.003 | | | | 2.87 |
| CAOND123072 | 705.5 | 707.0 | 1.5 | 0.003 | | | | 2.86 |

**Hole number:** KLUC19-539

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123073 | 707.0 | 708.5 | 1.5 | 0.003 | | | | 2.86 |
| CAOND123074 | 708.5 | 710.0 | 1.5 | 0.003 | | | | 2.87 |
| CAOND123076 | 710.0 | 711.5 | 1.5 | 0.003 | | | | 2.86 |
| CAOND123077 | 711.5 | 713.0 | 1.5 | 0.003 | | | | 2.85 |
| CAOND123078 | 713.0 | 714.5 | 1.5 | 0.003 | | | | 2.85 |
| CAOND123079 | 714.5 | 716.0 | 1.5 | 0.009 | | | | 2.52 |
| CAOND123081 | 716.0 | 717.0 | 1.0 | 0.021 | | | | 2.86 |
| CAOND123082 | 717.0 | 718.1 | 1.1 | 0.018 | | | | 2.86 |
| CAOND123083 | 718.1 | 719.5 | 1.4 | 0.006 | | | | 2.85 |
| CAOND123084 | 719.5 | 721.0 | 1.5 | 0.041 | | | | 2.84 |
| CAOND123085 | 721.0 | 722.5 | 1.5 | 0.003 | | | | 2.84 |
| CAOND123086 | 722.5 | 724.0 | 1.5 | 0.021 | | | | 2.85 |
| CAOND123087 | 724.0 | 725.5 | 1.5 | 0.019 | | | | 2.85 |
| CAOND123088 | 725.5 | 727.0 | 1.5 | 0.015 | | | | 2.86 |
| CAOND123089 | 727.0 | 728.5 | 1.5 | 0.018 | | | | 2.85 |
| CAOND123091 | 728.5 | 730.0 | 1.5 | 0.020 | | | | 2.83 |
| CAOND123092 | 730.0 | 731.5 | 1.5 | 0.006 | | | | 2.84 |
| CAOND123093 | 731.5 | 733.0 | 1.5 | 0.006 | | | | 2.85 |
| CAOND123094 | 733.0 | 734.5 | 1.5 | 0.011 | | | | 2.85 |
| CAOND123095 | 734.5 | 736.0 | 1.5 | 0.011 | | | | 2.87 |
| CAOND123096 | 736.0 | 737.5 | 1.5 | 0.011 | | | | 2.85 |
| CAOND123097 | 737.5 | 739.0 | 1.5 | 0.018 | | | | 2.86 |
| CAOND123098 | 739.0 | 740.5 | 1.5 | 0.037 | | | | 2.78 |
| CAOND123099 | 740.5 | 742.0 | 1.5 | 0.029 | | | | 2.84 |
| CAOND123101 | 742.0 | 743.5 | 1.5 | 0.016 | | | | 2.86 |
| CAOND123102 | 743.5 | 745.0 | 1.5 | 0.012 | | | | 2.86 |
| CAOND123103 | 745.0 | 746.5 | 1.5 | 0.023 | | | | 2.86 |
| CAOND123104 | 746.5 | 747.5 | 1.0 | 0.053 | | | | 2.85 |
| CAOND123105 | 747.5 | 748.5 | 1.0 | 0.113 | | | | 2.85 |
| CAOND123106 | 748.5 | 749.3 | 0.8 | 0.742 | | | | 2.88 |
| CAOND123107 | 749.3 | 750.2 | 0.9 | 2.210 | | | | 2.87 |
| CAOND123108 | 750.2 | 751.5 | 1.3 | 0.016 | | | | 2.85 |
| CAOND123109 | 751.5 | 753.0 | 1.5 | 0.008 | | | | 2.85 |

**Hole number:** KLUC19-539

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123110 | 753.0 | 754.5 | 1.5 | 0.030 | | | | 2.86 |
| CAOND123111 | 754.5 | 756.0 | 1.5 | 0.011 | | | | 2.86 |
| CAOND123112 | 756.0 | 757.5 | 1.5 | 0.003 | | | | 2.85 |
| CAOND123113 | 757.5 | 759.0 | 1.5 | 0.003 | | | | 2.86 |
| CAOND123114 | 759.0 | 760.5 | 1.5 | 0.003 | | | | 2.87 |
| CAOND123116 | 760.5 | 762.0 | 1.5 | 0.003 | | | | 2.87 |
| CAOND123117 | 762.0 | 763.5 | 1.5 | 0.003 | | | | 2.86 |
| CAOND123118 | 763.5 | 765.0 | 1.5 | 0.003 | | | | 2.86 |
| CAOND123119 | 765.0 | 766.5 | 1.5 | 0.003 | | | | 2.85 |
| CAOND123121 | 766.5 | 768.0 | 1.5 | 0.003 | | | | 2.85 |
| CAOND123122 | 768.0 | 769.5 | 1.5 | 0.009 | | | | 2.86 |
| CAOND123123 | 769.5 | 771.0 | 1.5 | 0.026 | | | | 2.85 |
| CAOND123124 | 771.0 | 772.5 | 1.5 | 0.041 | | | | 2.84 |
| CAOND123126 | 772.5 | 774.0 | 1.5 | 0.016 | | | | 2.84 |
| CAOND123127 | 774.0 | 775.5 | 1.5 | 0.003 | | | | 2.89 |
| CAOND123128 | 775.5 | 777.0 | 1.5 | 1.790 | | | | 2.86 |
| CAOND123129 | 777.0 | 778.5 | 1.5 | 1.235 | | | | 2.88 |
| CAOND123131 | 778.5 | 780.0 | 1.5 | 0.404 | | | | 2.85 |
| CAOND123132 | 780.0 | 781.5 | 1.5 | 0.020 | | | | 2.84 |
| CAOND123133 | 781.5 | 783.0 | 1.5 | 1.025 | | | | 2.90 |
| CAOND123134 | 783.0 | 784.5 | 1.5 | 0.651 | | | | 2.89 |
| CAOND123135 | 784.5 | 786.0 | 1.5 | 0.015 | | | | 2.90 |
| CAOND123136 | 786.0 | 787.5 | 1.5 | 0.011 | | | | 2.88 |
| CAOND123137 | 787.5 | 789.0 | 1.5 | 0.009 | | | | 2.89 |
| CAOND123138 | 789.0 | 790.5 | 1.5 | 0.008 | | | | 2.87 |
| CAOND123139 | 790.5 | 792.0 | 1.5 | 0.009 | | | | 2.87 |
| CAOND123140 | 792.0 | 793.5 | 1.5 | 0.005 | | | | 2.88 |
| CAOND123141 | 793.5 | 795.0 | 1.5 | 0.010 | | | | 2.88 |
| CAOND123142 | 795.0 | 796.5 | 1.5 | 0.018 | | | | 2.88 |
| CAOND123143 | 796.5 | 798.0 | 1.5 | 0.020 | | | | 2.89 |
| CAOND123144 | 798.0 | 799.5 | 1.5 | 0.020 | | | | 2.89 |
| CAOND123146 | 799.5 | 800.9 | 1.4 | 0.010 | | | | 2.88 |
| CAOND123147 | 800.9 | 802.0 | 1.1 | 0.010 | | | | 2.89 |

**Hole number:** KLUC19-539

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123148 | 802.0 | 803.5 | 1.5 | 0.005 | | | | 2.89 |
| CAOND123149 | 803.5 | 805.0 | 1.5 | 0.005 | | | | 2.87 |
| CAOND123151 | 805.0 | 806.5 | 1.5 | 0.008 | | | | 2.89 |
| CAOND123152 | 806.5 | 808.0 | 1.5 | 0.006 | | | | 2.90 |
| CAOND123153 | 808.0 | 809.5 | 1.5 | 0.018 | | | | 2.88 |
| CAOND123154 | 809.5 | 811.0 | 1.5 | 0.026 | | | | 2.91 |
| CAOND123155 | 811.0 | 812.5 | 1.5 | 0.054 | | | | 2.92 |
| CAOND123156 | 812.5 | 813.5 | 1.0 | 0.015 | | | | 2.89 |
| CAOND123157 | 813.5 | 814.3 | 0.8 | 0.063 | | | | 2.96 |
| CAOND123158 | 814.3 | 815.1 | 0.8 | 0.053 | | | | 2.86 |

**Major:** **From:** 815.10 **To:** 829.90 V8, Trachyte

XRF UNIT 2 (GREEN) - ALKALINE (Low Zr) Composition: Dominantly medium greenish brown colour with local dark purplish red, massive and spotted to chaotic texture; V8 - Trachyte (temporary name). Magnetism: Alternating strong and non magnetic intervals. Veinning: 1-2% irregular, mm scale carbonate veinlets. Structure: Weakly deformed locally moderate parallel deformation at 30-40 and 40-50. Alteration: Pervasive strong Fe-carb alteration. Mineralization: 1-5% very fine grained PY dusting but not pervasive. Lower Contact: Chaotic, deformed and altered.

**TEXTURE**

TYPE/COLOR/GRAIN_SIZE/COMMENTS

815.10, 820.00, MAS, -, -, -
815.10, 820.00, SPO, -, -, fine grained amp? spots
820.00, 829.90, CAO, -, -, -
820.00, 829.90, FGT, -, -, -

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

815.10, 820.50, PYR, DIS, .50, -, VFG, 0.5-1% very fine grained disseminated PY
820.50, 822.00, PYR, DIS, 3.00, -, VFG, 3-5% very fine grained disseminated PY
822.00, 829.90, PYR, DIS, .50, -, VFG, 0.5-1% very fine grained disseminated PY

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

815.10, 829.90, ANK+, PEN, STRONG, -, -, -, Strong pervasive carbonate alteration, stained blue

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

821.00, 827.00, FOL, MOD, 40.00, -, -, -, Moderate to strong foliation at 40-50 TCA

**VEIN**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123159 | 815.1 | 816.5 | 1.4 | 0.008 | | | | 2.89 |
| CAOND123161 | 816.5 | 818.0 | 1.5 | 0.003 | | | | 2.87 |
| CAOND123162 | 818.0 | 819.5 | 1.5 | 0.006 | | | | 2.90 |
| CAOND123163 | 819.5 | 820.5 | 1.0 | 0.010 | | | | 2.88 |
| CAOND123164 | 820.5 | 822.0 | 1.5 | 0.553 | | | | 2.91 |
| CAOND123165 | 822.0 | 823.5 | 1.5 | 0.014 | | | | 2.88 |
| CAOND123166 | 823.5 | 825.0 | 1.5 | 0.435 | | | | 2.91 |
| CAOND123167 | 825.0 | 826.5 | 1.5 | 0.517 | | | | 2.91 |
| CAOND123168 | 826.5 | 828.0 | 1.5 | 0.064 | | | | 2.84 |
| CAOND123169 | 828.0 | 829.0 | 1.0 | 0.044 | | | | 2.86 |
| CAOND123171 | 829.0 | 829.9 | 0.9 | 0.037 | | | | 2.85 |

**Hole number:** KLUC19-539

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
815.10, 829.90, CBT, 1.00, -, -, -, -, -, -, -, -, 1-2% irregular, chaotic and discontinuous mm scale carb veinning

**Major:** **From:** 829.90 **To:** 839.50 I2D, Syénite

TRANSITION BETWEEN XRF UNIT 3 (Orange) - ALKALINE (High Zr) and UNIT 3 (GREEN) - ALKALINE (Low Zr). Composition: Dark purplish red colour, fine grained, massive texture, Magnetism: Strong magnetism. Veinning: 1-2% irregular, discontinous and whispy carbonate veinlets. Structure: Undeformed with weak to moderate microfracturing. Alteration: Strong pervasive hem alteration. Mineralization: 8% very fine grained PY dusting commonly occuring in clusters. Lower Contact: Sharp and straight oriented at 40 TCA.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
829.90, 839.50, PYR, DIS, 8.00, -, VFG, 8% very fine grained PY dusting commonly occuring in clusters.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
829.90, 839.50, HEM+, PEN, STRONG, -, -, -, Strong pervasive hem alteration

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
829.90, 839.50, CBT, 1.00, -, -, -, -, -, -, -, -, 1-2% irregular, discontinuous and whispy mm scale carb veinning

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123172 | 829.9 | 831.0 | 1.1 | 0.308 | | | | 2.83 |
| CAOND123173 | 831.0 | 832.5 | 1.5 | 0.222 | | | | 2.83 |
| CAOND123174 | 832.5 | 834.0 | 1.5 | 0.016 | | | | 2.80 |
| CAOND123176 | 834.0 | 835.5 | 1.5 | 0.100 | | | | 2.81 |
| CAOND123177 | 835.5 | 837.0 | 1.5 | 0.758 | | | | 2.81 |
| CAOND123178 | 837.0 | 838.5 | 1.5 | 0.248 | | | | 2.81 |
| CAOND123179 | 838.5 | 839.5 | 1.0 | 1.705 | | | | 2.82 |

**Major:** **From:** 839.50 **To:** 842.20 V8, Trachyte

XRF UNIT 2 (GREEN) - ALKALINE (Low Zr) Composition: Various shades of brown, orangish brown and reddish brown, strongly parallel deformed, laminated texture; V8 - Trachyte (temporary name). Magnetism: Strongly magnetic. Veinning: 0.5% discontinous patches of mm scale carbonate veinlets parallel to deformation. Structure: Strong parallel deformation at 30-40 TCA. Alteration: Pervasive strong Fe-carb alteration. Mineralization: 2-3% very fine grained PY dusting occuring in parallel clusters in laminations. Lower Contact: Relatively sharp, trending at 30 TCA.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
839.50, 842.20, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained PY dusting occuring in parallel clusters in laminations.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
839.50, 842.20, ANK+, PEN, STRONG, -, -, -, Strong pervasive carbonate alteration, stained blue

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123181 | 839.5 | 841.0 | 1.5 | 0.176 | | | | 2.87 |
| CAOND123182 | 841.0 | 842.2 | 1.2 | 0.436 | | | | 2.85 |

**Hole number:** KLUC19-539

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

839.50, 842.20, DFZ, STRONG, 40.00, -, -, -, Strong parallel deformation
839.50, 842.20, FOL, STRONG, 40.00, -, -, -, -

**Major:** **From:** 842.20 **To:** 864.20 V8Agg, Trachyte Agglomerate

XRF UNIT 3 (Orange) - ALKALINE (High Zr) Composition: Medium purplish greym medium red and dark purplish red, fine grained and massive with local insitu brecciation; V8Agg (temporary name) Magnetism: Strong and non magnetic intervals. Veinning: 2-3% irregular, discontinous and whispy qtz-carbonate veinlets occuring in clusters over 3-10m. Structure: Dominantly undeformed with local moderate microfracturing and in-situ brecciation. Alteration: Strong pervasive hem/kspar alteration and weak pervasive Fe-carb. Mineralization: 1-2% Cp clustered in veins and 1-2 and 8-10% very fine grained PY dusting. Lower Contact: Sharp and irregular.

**MINOR INTERVAL**

861.00 - 864.20: PORPHAppears to be a possible mixture of alternating alkaline unit 2 and porphyry intrusion?? contacts are faintly visible. moderate pervasive silicification. 10% very fine grained PY dusting. Lower contacts with V8m is sharp but irregular.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

842.20, 845.00, PYR, DIS, 10.00, -, VFG, 10% very fine grained PY dusting
845.00, 852.50, PYR, DIS, 15.00, -, VFG, 15-20% very fine grained PY dusting
852.50, 861.00, PYR, DIS, 10.00, -, VFG, 10% very fine grained PY dusting
861.00, 864.20, PYR, DIS, 10.00, -, VFG, 10% very fine grained PY dusting

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

842.20, 864.20, ANK+, PEN, WEAK, -, -, -, Weak pervasive Fe-carb alteration, blue staining
842.28, 861.00, HEM+, PEN, MOD, -, -, -, Moderate to strong pervasive and patchy hem alteration
861.00, 864.20, SIC+, PEN, MOD, -, -, -, Moderate pervasive silicification

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

845.00, 847.00, QtzCbt, 3.00, -, -, -, -, -, -, -, -, -, 3% irregular, chaotic, whispy and discontinous qtz-carb veinning
852.00, 859.00, QtzCbt, 3.00, -, -, -, -, -, -, -, CPY, 1.00, 3-5% irregular, chaotic, whispy and discontinous qtz-carb veinning
859.00, 861.60, QtzCbt, 15.00, -, -, -, -, -, -, -, -, -, 15% irregular, chaotic, whispy and discontinous qtz-carb veinning

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123183 | 842.2 | 843.5 | 1.3 | 0.599 | | | | 2.82 |
| CAOND123184 | 843.5 | 845.0 | 1.5 | 0.707 | | | | 2.83 |
| CAOND123185 | 845.0 | 846.5 | 1.5 | 0.672 | | | | 2.82 |
| CAOND123186 | 846.5 | 848.0 | 1.5 | 1.070 | | | | 2.86 |
| CAOND123187 | 848.0 | 849.5 | 1.5 | 0.247 | | | | 2.87 |
| CAOND123188 | 849.5 | 851.0 | 1.5 | 1.580 | | | | 2.87 |
| CAOND123189 | 851.0 | 852.5 | 1.5 | 3.490 | | | | 2.85 |
| CAOND123191 | 852.5 | 854.0 | 1.5 | 0.651 | | | | 2.81 |
| CAOND123192 | 854.0 | 855.0 | 1.0 | 0.648 | | | | 2.87 |
| CAOND123193 | 855.0 | 856.0 | 1.0 | 0.807 | | | | 2.86 |
| CAOND123194 | 856.0 | 857.5 | 1.5 | 1.215 | | | | 2.86 |
| CAOND123195 | 857.5 | 859.0 | 1.5 | 0.988 | | | | 2.84 |
| CAOND123196 | 859.0 | 860.1 | 1.1 | 1.435 | | | | 2.83 |
| CAOND123197 | 860.1 | 861.1 | 1.0 | 1.595 | | | | 2.83 |
| CAOND123198 | 861.1 | 862.5 | 1.4 | 2.560 | | | | 2.82 |
| CAOND123199 | 862.5 | 863.5 | 1.0 | 0.966 | | | | 2.85 |
| CAOND123201 | 863.5 | 864.2 | 0.7 | 0.956 | | | | 2.90 |

## Hole number: KLUC19-539

**Major: From:** 864.20 **To:** 892.70 V8m, Trachyte mafic

XRF UNIT 2 (GREEN) - ALKALINE (Low Zr) Composition: Dark green with white and beige patches, fine grained and chaotic texture; V8m - Mafic trachyte. Magnetism: Strong magnetism. Veinning: 10% irregular and chaotic carbonate veinning. Structure: Moderate to strong chaotic deformation, locally parallel at 0 TCA. Alteration: Strong patchy Fe-carbonate, pervasive moderate chlorite and local moderate discontinuous stringers of sericite alteration. Mineralization: Dominantly unmineralized with 10% dissemianted PY in SE altered interval (869-873m). Lower Contact: Sharp and irregular.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

864.20, 869.00, PYR, DIS, 1.00, -, VFG, 1% very fine grained disseminated PY
869.00, 872.00, PYR, DIS, 10.00, -, VFG, 10% very fine grained PY dusting
872.00, 892.70, PYR, DIS, .50, -, VFG, 0.5-1% very fine grained disseminated PY

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

864.20, 892.70, ANK+, PAT, MOD, -, -, -, Moderate patchy carbonate alteration
868.80, 873.00, SER+, STG, MOD, -, -, -, Moderate irregular and discontinuous stringers of sericite alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

864.20, 892.70, DFZ, MOD, -, -, -, -, Moderate to strong chaotic deformation
864.20, 892.70, FLD, MOD, -, -, -, -, Moderate chaotic folding
872.00, 885.00, FOL, MOD, 0.00, -, -, -, Moderate parallel deformation
885.00, 889.00, FOL, MOD, 10.00, -, -, -, Moderate parallel deformation at 10-20
889.00, 892.70, FOL, MOD, 20.00, -, -, -, Moderate parallel deformation at 20-30

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123202 | 864.2 | 865.5 | 1.3 | 0.155 | | | | 2.83 |
| CAOND123203 | 865.5 | 867.0 | 1.5 | 0.016 | | | | 2.94 |
| CAOND123204 | 867.0 | 868.5 | 1.5 | 0.018 | | | | 2.95 |
| CAOND123205 | 868.5 | 870.0 | 1.5 | 0.395 | | | | 2.95 |
| CAOND123206 | 870.0 | 871.5 | 1.5 | 0.558 | | | | 3.01 |
| CAOND123207 | 871.5 | 873.0 | 1.5 | 0.049 | | | | 2.89 |
| CAOND123208 | 873.0 | 874.5 | 1.5 | 0.011 | | | | 2.90 |
| CAOND123209 | 874.5 | 876.0 | 1.5 | 0.012 | | | | 2.91 |
| CAOND123210 | 876.0 | 877.5 | 1.5 | 0.027 | | | | 2.89 |
| CAOND123211 | 877.5 | 879.0 | 1.5 | 0.016 | | | | 2.89 |
| CAOND123212 | 879.0 | 880.5 | 1.5 | 0.020 | | | | 2.88 |
| CAOND123213 | 880.5 | 882.0 | 1.5 | 0.011 | | | | 2.89 |
| CAOND123215 | 882.0 | 883.5 | 1.5 | 0.021 | | | | 2.89 |
| | | | switched sample numbers with STD CAOND123214; ALS provided pics of both samples and pulp envelop is associated with sample 123214. | | | | | |
| CAOND123216 | 883.5 | 885.0 | 1.5 | 0.037 | | | | 2.90 |
| CAOND123217 | 885.0 | 886.5 | 1.5 | 0.025 | | | | 2.91 |
| CAOND123218 | 886.5 | 888.0 | 1.5 | 0.011 | | | | 2.92 |
| CAOND123219 | 888.0 | 889.5 | 1.5 | 0.003 | | | | 2.94 |
| CAOND123221 | 889.5 | 891.0 | 1.5 | 0.005 | | | | 2.92 |
| CAOND123222 | 891.0 | 892.0 | 1.0 | 0.005 | | | | 2.94 |
| CAOND123223 | 892.0 | 892.7 | 0.7 | 0.006 | | | | 2.96 |

**Major: From:** 892.70 **To:** 914.80 PORPH, porphyry

Composition: Medium pinkish brown to pinkish grey matrix with 10-15% altered phenocrysts, porphyry texture; PORPH - Porphyry. Magnetism: Moderate to strongly magnetic. Veinning: 3-5% irregular and chaotic carbonate veinning. Structure: Moderate to strongly deformed with moderate microfracturing. Alteration: Unknown. Mineralization: 1-2% very fine grained disseminated Py. Lower Contact: Sharp but irregular.

**MINOR INTERVAL**

894.00 - 895.90: V8mXRF UNIT 2 (GREEN) - ALKALINE (Low Zr) Composition: Dark green with white and beige patches, fine grained and chaotic texture; V8m - Mafic trachyte. Magnetism: Strong magnetism. Veinning: 15-20% irregular and chaotic carbonate veinning. Structure: Moderate to strong chaotic deformation, locally parallel at 30 TCA. Alteration: Strong patchy Fe-carbonate and pervasive moderate chlorite alteration Mineralization: 0.5% dissemianted PY Contacts: Upper contact is sharp and slightly wavy trending at 10 TCA over 50cm and lower contact is sharp and straight oriented at 30

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123224 | 892.7 | 894.0 | 1.3 | 0.036 | | | | 2.79 |
| CAOND123226 | 894.0 | 895.0 | 1.0 | 0.252 | | | | 2.89 |
| CAOND123227 | 895.0 | 895.9 | 0.9 | 0.009 | | | | 2.92 |
| CAOND123228 | 895.9 | 897.0 | 1.1 | 0.028 | | | | 2.75 |
| CAOND123229 | 897.0 | 898.5 | 1.5 | 0.043 | | | | 2.75 |
| CAOND123231 | 898.5 | 900.0 | 1.5 | 0.018 | | | | 2.74 |
| CAOND123232 | 900.0 | 901.5 | 1.5 | 0.007 | | | | 2.75 |
| CAOND123233 | 901.5 | 903.0 | 1.5 | 0.016 | | | | 2.75 |
| CAOND123234 | 903.0 | 904.5 | 1.5 | 0.013 | | | | 2.76 |

**Hole number:** KLUC19-539

TCA.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
892.70, 894.50, PYR, DIS, 5.00, -, VFG, 5% very fine grained disseminated PY
895.90, 913.00, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained dissemianted PY

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
894.00, 895.90, ANK+, PAT, MOD, -, -, -, Moderate patchy carbonate
894.00, 895.90, CHL+, PEN, MOD, -, -, -, Moderate pervasive chlorite alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
892.70, 895.90, DFZ, STRONG, 30.00, -, -, -, Strong parallel deformation at 30 TCA
892.70, 895.90, FOL, STRONG, 30.00, -, -, -, Strong foliation at 30 TCA
895.90, 913.00, DFZ, MOD, -, -, -, -, Moderate to strong deformation
895.90, 913.00, FRA, MOD, -, -, -, -, Moderate healed fracturing
913.00, 914.80, DFZ, MOD, -, -, -, -, Moderate to strong deformation
913.00, 914.80, FRA, MOD, -, -, -, -, Moderate healed fracturing

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
895.90, 914.80, CBT, 3.00, -, -, -, -, -, -, -, -, -, 3-5% irregular, chaotic, whispy and discontinous qtz-carb veinning

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123235 | 904.5 | 906.0 | 1.5 | 0.028 | | | | 2.74 |
| CAOND123236 | 906.0 | 907.5 | 1.5 | 0.015 | | | | 2.75 |
| CAOND123237 | 907.5 | 909.0 | 1.5 | 0.013 | | | | 2.75 |
| CAOND123238 | 909.0 | 910.5 | 1.5 | 0.010 | | | | 2.74 |
| CAOND123239 | 910.5 | 912.0 | 1.5 | 0.012 | | | | 2.74 |
| CAOND123240 | 912.0 | 913.5 | 1.5 | 0.010 | | | | 2.76 |
| CAOND123241 | 913.5 | 914.8 | 1.3 | 0.013 | | | | 2.77 |

**Major:** **From:** 914.80 **To:** 957.00 V8m, Trachyte mafic

XRF UNIT 2 (GREEN) - ALKALINE (Low Zr) Composition: Dark green with white and pale grey patches, fine grained and weakly chaotic texture; V8m - Mafic trachyte. Magnetism: Strong magnetism. Veinning: 5% irregular, chaotic and discontinous calcite veinning. Structure: Moderate to strong deformation dominantly parallel at 0 TCA. Alteration: Pervasive moderate chlorite and moderate patchy calcite alteration. Mineralization: None to 0.5% very fien grained PY dissemianted. Lower Contact: Not reached.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
914.80, 957.00, CAL+, PAT, MOD, -, -, -, Moderate patchy calcite alteration
914.80, 957.00, CHL+, PEN, MOD, -, -, -, Moderate pervasive chlorite alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
914.80, 957.00, DFZ, MOD, -, -, -, -, Moderate parallel deformation
914.80, 957.00, FOL, MOD, 0.00, -, -, -, Moderate foliation at 0-10 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123242 | 914.8 | 916.0 | 1.2 | 0.057 | | | | 2.86 |
| CAOND123243 | 916.0 | 917.5 | 1.5 | 0.020 | | | | 2.84 |
| CAOND123244 | 917.5 | 919.0 | 1.5 | 0.010 | | | | 2.86 |
| CAOND123246 | 919.0 | 920.5 | 1.5 | 0.025 | | | | 2.86 |
| CAOND123247 | 920.5 | 922.0 | 1.5 | 0.028 | | | | 2.88 |
| CAOND123248 | 922.0 | 923.5 | 1.5 | 0.019 | | | | 2.89 |
| CAOND123249 | 923.5 | 925.0 | 1.5 | 0.009 | | | | 2.89 |
| CAOND123251 | 925.0 | 926.5 | 1.5 | 0.024 | | | | 2.86 |
| CAOND123252 | 926.5 | 928.0 | 1.5 | 0.015 | | | | 2.87 |
| CAOND123253 | 928.0 | 929.5 | 1.5 | 0.032 | | | | 2.85 |
| CAOND123254 | 929.5 | 931.0 | 1.5 | 0.024 | | | | 2.88 |
| CAOND123255 | 931.0 | 932.5 | 1.5 | 0.014 | | | | 2.88 |

**Hole number:** KLUC19-539

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123256 | 932.5 | 934.0 | 1.5 | 0.009 | | | | 2.87 |
| CAOND123257 | 934.0 | 935.5 | 1.5 | 0.008 | | | | 3.20 |
| CAOND123258 | 935.5 | 937.0 | 1.5 | 0.006 | | | | 2.86 |
| CAOND123259 | 937.0 | 938.5 | 1.5 | 0.003 | | | | 2.87 |
| CAOND123261 | 938.5 | 940.0 | 1.5 | 0.006 | | | | 2.85 |
| CAOND123262 | 940.0 | 941.5 | 1.5 | 0.006 | | | | 2.91 |
| CAOND123263 | 941.5 | 943.0 | 1.5 | 0.008 | | | | 2.87 |
| CAOND123264 | 943.0 | 944.5 | 1.5 | 0.006 | | | | 2.91 |
| CAOND123265 | 944.5 | 946.0 | 1.5 | 0.009 | | | | 2.90 |
| CAOND123266 | 946.0 | 947.5 | 1.5 | 0.008 | | | | 2.91 |
| CAOND123267 | 947.5 | 949.0 | 1.5 | 0.012 | | | | 2.90 |
| CAOND123268 | 949.0 | 950.5 | 1.5 | 0.023 | | | | 2.88 |
| CAOND123269 | 950.5 | 952.0 | 1.5 | 0.012 | | | | 2.86 |
| CAOND123271 | 952.0 | 953.5 | 1.5 | 0.003 | | | | 2.96 |
| CAOND123272 | 953.5 | 955.0 | 1.5 | 0.003 | | | | 2.90 |
| CAOND123273 | 955.0 | 956.0 | 1.0 | 0.003 | | | | 2.94 |
| CAOND123274 | 956.0 | 957.0 | 1.0 | 0.006 | | | | 2.99 |

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 27.0 | 30.0 | 68.00 | 100.00 | | | N | |
| 30.0 | 33.0 | 62.00 | 100.00 | | | N | |
| 33.0 | 36.0 | 52.00 | 100.00 | | | N | |
| 36.0 | 39.0 | 92.00 | 100.00 | | | N | |
| 39.0 | 42.0 | 80.00 | 100.00 | | | N | |
| 42.0 | 45.0 | 43.00 | 100.00 | | | N | |
| 45.0 | 48.0 | 87.00 | 100.00 | | | N | |
| 48.0 | 51.0 | 68.00 | 100.00 | | | N | |
| 51.0 | 54.0 | 70.00 | 100.00 | | | N | |
| 54.0 | 57.0 | 80.00 | 100.00 | | | N | |
| 57.0 | 60.0 | 77.00 | 100.00 | | | N | |
| 60.0 | 63.0 | 57.00 | 100.00 | | | N | |

**Hole number:** KLUC19-539

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 63.0 | 66.0 | 67.00 | 100.00 | | | N | |
| 66.0 | 69.0 | 87.00 | 100.00 | | | N | |
| 69.0 | 72.0 | 62.00 | 100.00 | | | N | |
| 72.0 | 75.0 | 68.00 | 100.00 | | | N | |
| 75.0 | 78.0 | 65.00 | 100.00 | | | N | |
| 78.0 | 81.0 | 68.00 | 100.00 | | | N | |
| 81.0 | 84.0 | 90.00 | 100.00 | | | N | |
| 84.0 | 87.0 | 75.00 | 100.00 | | | N | |
| 87.0 | 90.0 | 88.00 | 100.00 | | | N | |
| 90.0 | 93.0 | 82.00 | 100.00 | | | N | |
| 93.0 | 96.0 | 75.00 | 100.00 | | | N | |
| 96.0 | 99.0 | 93.00 | 100.00 | | | N | |
| 99.0 | 102.0 | 53.00 | 100.00 | | | N | |
| 102.0 | 105.0 | 93.00 | 100.00 | | | N | |
| 105.0 | 108.0 | 77.00 | 100.00 | | | N | |
| 108.0 | 111.0 | 73.00 | 100.00 | | | N | |
| 111.0 | 114.0 | 67.00 | 100.00 | | | N | |
| 114.0 | 117.0 | 70.00 | 100.00 | | | N | |
| 117.0 | 120.0 | 77.00 | 100.00 | | | N | |
| 120.0 | 123.0 | 88.00 | 100.00 | | | N | |
| 123.0 | 126.0 | 100.00 | 100.00 | | | N | |
| 126.0 | 129.0 | 97.00 | 100.00 | | | N | |
| 129.0 | 132.0 | 100.00 | 100.00 | | | N | |
| 132.0 | 135.0 | 100.00 | 100.00 | | | N | |
| 135.0 | 138.0 | 100.00 | 100.00 | | | N | |
| 138.0 | 141.0 | 97.00 | 100.00 | | | N | |
| 141.0 | 144.0 | 100.00 | 100.00 | | | N | |
| 144.0 | 147.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC19-539

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 147.0 | 150.0 | 100.00 | 100.00 | | | N | |
| 150.0 | 153.0 | 100.00 | 100.00 | | | N | |
| 153.0 | 156.0 | 100.00 | 100.00 | | | N | |
| 156.0 | 159.0 | 100.00 | 100.00 | | | N | |
| 159.0 | 162.0 | 100.00 | 100.00 | | | N | |
| 162.0 | 165.0 | 100.00 | 100.00 | | | N | |
| 165.0 | 168.0 | 100.00 | 100.00 | | | N | |
| 168.0 | 171.0 | 100.00 | 100.00 | | | N | |
| 171.0 | 174.0 | 100.00 | 100.00 | | | N | |
| 174.0 | 177.0 | 100.00 | 100.00 | | | N | |
| 177.0 | 180.0 | 100.00 | 100.00 | | | N | |
| 180.0 | 183.0 | 100.00 | 100.00 | | | N | |
| 183.0 | 186.0 | 100.00 | 100.00 | | | N | |
| 186.0 | 189.0 | 100.00 | 100.00 | | | N | |
| 189.0 | 192.0 | 100.00 | 100.00 | | | N | |
| 192.0 | 195.0 | 100.00 | 100.00 | | | N | |
| 195.0 | 198.0 | 100.00 | 100.00 | | | N | |
| 198.0 | 201.0 | 100.00 | 100.00 | | | N | |
| 201.0 | 204.0 | 100.00 | 100.00 | | | N | |
| 204.0 | 207.0 | 100.00 | 100.00 | | | N | |
| 207.0 | 210.0 | 100.00 | 100.00 | | | N | |
| 210.0 | 213.0 | 100.00 | 100.00 | | | N | |
| 213.0 | 216.0 | 100.00 | 100.00 | | | N | |
| 216.0 | 219.0 | 100.00 | 100.00 | | | N | |
| 219.0 | 222.0 | 100.00 | 100.00 | | | N | |
| 222.0 | 225.0 | 100.00 | 100.00 | | | N | |
| 225.0 | 228.0 | 100.00 | 100.00 | | | N | |
| 228.0 | 231.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC19-539

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 231.0 | 234.0 | 100.00 | 100.00 | | | N | |
| 234.0 | 237.0 | 100.00 | 100.00 | | | N | |
| 237.0 | 240.0 | 100.00 | 100.00 | | | N | |
| 240.0 | 243.0 | 100.00 | 100.00 | | | N | |
| 243.0 | 246.0 | 100.00 | 100.00 | | | N | |
| 246.0 | 249.0 | 83.00 | 100.00 | | | N | |
| 249.0 | 252.0 | 43.00 | 100.00 | | | N | |
| 252.0 | 255.0 | 47.00 | 100.00 | | | N | |
| 255.0 | 258.0 | 73.00 | 100.00 | | | N | |
| 258.0 | 261.0 | 100.00 | 100.00 | | | N | |
| 261.0 | 264.0 | 30.00 | 83.00 | | | N | |
| 264.0 | 267.0 | 77.00 | 100.00 | | | N | |
| 267.0 | 270.0 | 87.00 | 100.00 | | | N | |
| 270.0 | 273.0 | 100.00 | 100.00 | | | N | |
| 273.0 | 276.0 | 95.00 | 100.00 | | | N | |
| 276.0 | 279.0 | 87.00 | 100.00 | | | N | |
| 279.0 | 282.0 | 78.00 | 100.00 | | | N | |
| 282.0 | 285.0 | 83.00 | 100.00 | | | N | |
| 285.0 | 288.0 | 87.00 | 100.00 | | | N | |
| 288.0 | 291.0 | 63.00 | 100.00 | | | N | |
| 291.0 | 294.0 | 90.00 | 100.00 | | | N | |
| 294.0 | 297.0 | 100.00 | 100.00 | | | N | |
| 297.0 | 300.0 | 100.00 | 100.00 | | | N | |
| 300.0 | 303.0 | 100.00 | 100.00 | | | N | |
| 303.0 | 306.0 | 100.00 | 100.00 | | | N | |
| 306.0 | 309.0 | 100.00 | 100.00 | | | N | |
| 309.0 | 312.0 | 100.00 | 100.00 | | | N | |
| 312.0 | 315.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC19-539

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 315.0 | 318.0 | 100.00 | 100.00 | | | N | |
| 318.0 | 321.0 | 100.00 | 100.00 | | | N | |
| 321.0 | 324.0 | 100.00 | 100.00 | | | N | |
| 324.0 | 327.0 | 100.00 | 100.00 | | | N | |
| 327.0 | 330.0 | 100.00 | 100.00 | | | N | |
| 330.0 | 333.0 | 100.00 | 100.00 | | | N | |
| 333.0 | 336.0 | 100.00 | 100.00 | | | N | |
| 336.0 | 339.0 | 100.00 | 100.00 | | | N | |
| 339.0 | 342.0 | 100.00 | 100.00 | | | N | |
| 342.0 | 345.0 | 100.00 | 100.00 | | | N | |
| 345.0 | 348.0 | 100.00 | 100.00 | | | N | |
| 348.0 | 351.0 | 100.00 | 100.00 | | | N | |
| 351.0 | 354.0 | 100.00 | 100.00 | | | N | |
| 354.0 | 357.0 | 100.00 | 100.00 | | | N | |
| 357.0 | 360.0 | 100.00 | 100.00 | | | N | |
| 360.0 | 363.0 | 100.00 | 100.00 | | | N | |
| 363.0 | 366.0 | 100.00 | 100.00 | | | N | |
| 366.0 | 369.0 | 100.00 | 100.00 | | | N | |
| 369.0 | 372.0 | 100.00 | 100.00 | | | N | |
| 372.0 | 375.0 | 100.00 | 100.00 | | | N | |
| 375.0 | 378.0 | 100.00 | 100.00 | | | N | |
| 378.0 | 381.0 | 77.00 | 100.00 | | | N | |
| 381.0 | 384.0 | 100.00 | 100.00 | | | N | |
| 384.0 | 387.0 | 97.00 | 100.00 | | | N | |
| 387.0 | 390.0 | 67.00 | 100.00 | | | N | |
| 390.0 | 393.0 | 100.00 | 100.00 | | | N | |
| 393.0 | 396.0 | 83.00 | 100.00 | | | N | |
| 396.0 | 399.0 | 87.00 | 100.00 | | | N | |

**Hole number:** KLUC19-539

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 399.0 | 402.0 | 90.00 | 100.00 | | | N | |
| 402.0 | 405.0 | 97.00 | 100.00 | | | N | |
| 405.0 | 408.0 | 100.00 | 100.00 | | | N | |
| 408.0 | 411.0 | 97.00 | 100.00 | | | N | |
| 411.0 | 414.0 | 98.00 | 100.00 | | | N | |
| 414.0 | 417.0 | 97.00 | 100.00 | | | N | |
| 417.0 | 420.0 | 97.00 | 100.00 | | | N | |
| 420.0 | 423.0 | 100.00 | 100.00 | | | N | |
| 423.0 | 426.0 | 98.00 | 100.00 | | | N | |
| 426.0 | 429.0 | 83.00 | 100.00 | | | N | |
| 429.0 | 432.0 | 98.00 | 100.00 | | | N | |
| 432.0 | 435.0 | 77.00 | 100.00 | | | N | |
| 435.0 | 438.0 | 57.00 | 100.00 | | | N | |
| 438.0 | 441.0 | 53.00 | 100.00 | | | N | |
| 441.0 | 444.0 | 77.00 | 100.00 | | | N | |
| 444.0 | 447.0 | 90.00 | 100.00 | | | N | |
| 447.0 | 450.0 | 53.00 | 100.00 | | | N | |
| 450.0 | 453.0 | 33.00 | 100.00 | | | N | |
| 453.0 | 456.0 | 20.00 | 100.00 | | | N | |
| 456.0 | 459.0 | 67.00 | 100.00 | | | N | |
| 459.0 | 462.0 | 53.00 | 100.00 | | | N | |
| 462.0 | 465.0 | 70.00 | 100.00 | | | N | |
| 465.0 | 468.0 | 80.00 | 100.00 | | | N | |
| 468.0 | 471.0 | 70.00 | 100.00 | | | N | |
| 471.0 | 474.0 | 82.00 | 100.00 | | | N | |
| 474.0 | 477.0 | 90.00 | 100.00 | | | N | |
| 477.0 | 480.0 | 80.00 | 100.00 | | | N | |
| 480.0 | 483.0 | 98.00 | 100.00 | | | N | |

**Hole number:** KLUC19-539

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 483.0 | 486.0 | 93.00 | 100.00 | | | N | |
| 486.0 | 489.0 | 93.00 | 100.00 | | | N | |
| 489.0 | 492.0 | 100.00 | 100.00 | | | N | |
| 492.0 | 495.0 | 100.00 | 100.00 | | | N | |
| 495.0 | 498.0 | 100.00 | 100.00 | | | N | |
| 498.0 | 501.0 | 100.00 | 100.00 | | | N | |
| 501.0 | 504.0 | 97.00 | 100.00 | | | N | |
| 504.0 | 507.0 | 100.00 | 100.00 | | | N | |
| 507.0 | 510.0 | 100.00 | 100.00 | | | N | |
| 510.0 | 513.0 | 98.00 | 100.00 | | | N | |
| 513.0 | 516.0 | 100.00 | 100.00 | | | N | |
| 516.0 | 519.0 | 98.00 | 100.00 | | | N | |
| 519.0 | 522.0 | 100.00 | 100.00 | | | N | |
| 522.0 | 525.0 | 98.00 | 100.00 | | | N | |
| 525.0 | 528.0 | 100.00 | 100.00 | | | N | |
| 528.0 | 531.0 | 92.00 | 100.00 | | | N | |
| 531.0 | 534.0 | 90.00 | 100.00 | | | N | |
| 534.0 | 537.0 | 100.00 | 100.00 | | | N | |
| 537.0 | 540.0 | 100.00 | 100.00 | | | N | |
| 540.0 | 543.0 | 97.00 | 100.00 | | | N | |
| 543.0 | 546.0 | 88.00 | 100.00 | | | N | |
| 546.0 | 549.0 | 97.00 | 100.00 | | | N | |
| 549.0 | 552.0 | 100.00 | 100.00 | | | N | |
| 552.0 | 555.0 | 77.00 | 100.00 | | | N | |
| 555.0 | 558.0 | 100.00 | 100.00 | | | N | |
| 558.0 | 561.0 | 100.00 | 100.00 | | | N | |
| 561.0 | 564.0 | 100.00 | 100.00 | | | N | |
| 564.0 | 567.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC19-539

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 567.0 | 570.0 | 100.00 | 100.00 | | | N | |
| 570.0 | 573.0 | 100.00 | 100.00 | | | N | |
| 573.0 | 576.0 | 100.00 | 100.00 | | | N | |
| 576.0 | 579.0 | 100.00 | 100.00 | | | N | |
| 579.0 | 582.0 | 100.00 | 100.00 | | | N | |
| 582.0 | 585.0 | 100.00 | 100.00 | | | N | |
| 585.0 | 588.0 | 100.00 | 100.00 | | | N | |
| 588.0 | 591.0 | 87.00 | 100.00 | | | N | |
| 591.0 | 594.0 | 95.00 | 100.00 | | | N | |
| 594.0 | 597.0 | 100.00 | 100.00 | | | N | |
| 597.0 | 600.0 | 97.00 | 100.00 | | | N | |
| 600.0 | 603.0 | 97.00 | 100.00 | | | N | |
| 603.0 | 606.0 | 100.00 | 100.00 | | | N | |
| 606.0 | 609.0 | 100.00 | 100.00 | | | N | |
| 609.0 | 612.0 | 100.00 | 100.00 | | | N | |
| 612.0 | 615.0 | 100.00 | 100.00 | | | N | |
| 615.0 | 618.0 | 100.00 | 100.00 | | | N | |
| 618.0 | 621.0 | 100.00 | 100.00 | | | N | |
| 621.0 | 624.0 | 100.00 | 100.00 | | | N | |
| 624.0 | 627.0 | 98.00 | 100.00 | | | N | |
| 627.0 | 630.0 | 100.00 | 100.00 | | | N | |
| 630.0 | 633.0 | 87.00 | 100.00 | | | N | |
| 633.0 | 636.0 | 97.00 | 100.00 | | | N | |
| 636.0 | 639.0 | 100.00 | 100.00 | | | N | |
| 639.0 | 642.0 | 100.00 | 100.00 | | | N | |
| 642.0 | 645.0 | 100.00 | 100.00 | | | N | |
| 645.0 | 648.0 | 97.00 | 100.00 | | | N | |
| 648.0 | 651.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC19-539

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 651.0 | 654.0 | 98.00 | 100.00 | | | N | |
| 654.0 | 657.0 | 100.00 | 100.00 | | | N | |
| 657.0 | 660.0 | 100.00 | 100.00 | | | N | |
| 660.0 | 663.0 | 100.00 | 100.00 | | | N | |
| 663.0 | 666.0 | 100.00 | 100.00 | | | N | |
| 666.0 | 669.0 | 100.00 | 100.00 | | | N | |
| 669.0 | 672.0 | 98.00 | 100.00 | | | N | |
| 672.0 | 675.0 | 100.00 | 100.00 | | | N | |
| 675.0 | 678.0 | 100.00 | 100.00 | | | N | |
| 678.0 | 681.0 | 97.00 | 100.00 | | | N | |
| 681.0 | 684.0 | 100.00 | 100.00 | | | N | |
| 684.0 | 687.0 | 100.00 | 100.00 | | | N | |
| 687.0 | 690.0 | 100.00 | 100.00 | | | N | |
| 690.0 | 693.0 | 100.00 | 100.00 | | | N | |
| 693.0 | 696.0 | 97.00 | 100.00 | | | N | |
| 696.0 | 699.0 | 97.00 | 100.00 | | | N | |
| 699.0 | 702.0 | 100.00 | 100.00 | | | N | |
| 702.0 | 705.0 | 100.00 | 100.00 | | | N | |
| 705.0 | 708.0 | 100.00 | 100.00 | | | N | |
| 708.0 | 711.0 | 100.00 | 100.00 | | | N | |
| 711.0 | 714.0 | 97.00 | 100.00 | | | N | |
| 714.0 | 717.0 | 97.00 | 100.00 | | | N | |
| 717.0 | 720.0 | 83.00 | 100.00 | | | N | |
| 720.0 | 723.0 | 100.00 | 100.00 | | | N | |
| 723.0 | 726.0 | 100.00 | 100.00 | | | N | |
| 726.0 | 729.0 | 100.00 | 100.00 | | | N | |
| 729.0 | 732.0 | 97.00 | 100.00 | | | N | |
| 732.0 | 735.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC19-539

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 735.0 | 738.0 | 100.00 | 100.00 | | | N | |
| 738.0 | 741.0 | 100.00 | 100.00 | | | N | |
| 741.0 | 744.0 | 100.00 | 100.00 | | | N | |
| 744.0 | 747.0 | 100.00 | 100.00 | | | N | |
| 747.0 | 750.0 | 97.00 | 100.00 | | | N | |
| 750.0 | 753.0 | 98.00 | 100.00 | | | N | |
| 753.0 | 756.0 | 100.00 | 100.00 | | | N | |
| 756.0 | 759.0 | 100.00 | 100.00 | | | N | |
| 759.0 | 762.0 | 100.00 | 100.00 | | | N | |
| 762.0 | 765.0 | 97.00 | 100.00 | | | N | |
| 765.0 | 768.0 | 100.00 | 100.00 | | | N | |
| 768.0 | 771.0 | 100.00 | 100.00 | | | N | |
| 771.0 | 774.0 | 100.00 | 100.00 | | | N | |
| 774.0 | 777.0 | 100.00 | 100.00 | | | N | |
| 777.0 | 780.0 | 100.00 | 100.00 | | | N | |
| 780.0 | 783.0 | 100.00 | 100.00 | | | N | |
| 783.0 | 786.0 | 100.00 | 100.00 | | | N | |
| 786.0 | 789.0 | 100.00 | 100.00 | | | N | |
| 789.0 | 792.0 | 100.00 | 100.00 | | | N | |
| 792.0 | 795.0 | 100.00 | 100.00 | | | N | |
| 795.0 | 798.0 | 100.00 | 100.00 | | | N | |
| 798.0 | 801.0 | 100.00 | 100.00 | | | N | |
| 801.0 | 804.0 | 100.00 | 100.00 | | | N | |
| 804.0 | 807.0 | 100.00 | 100.00 | | | N | |
| 807.0 | 810.0 | 100.00 | 100.00 | | | N | |
| 810.0 | 813.0 | 100.00 | 100.00 | | | N | |
| 813.0 | 816.0 | 100.00 | 100.00 | | | N | |
| 816.0 | 819.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC19-539

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 819.0 | 822.0 | 100.00 | 100.00 | | | N | |
| 822.0 | 825.0 | 100.00 | 100.00 | | | N | |
| 825.0 | 828.0 | 100.00 | 100.00 | | | N | |
| 828.0 | 831.0 | 100.00 | 100.00 | | | N | |
| 831.0 | 834.0 | 100.00 | 100.00 | | | N | |
| 834.0 | 837.0 | 100.00 | 100.00 | | | N | |
| 837.0 | 840.0 | 100.00 | 100.00 | | | N | |
| 840.0 | 843.0 | 97.00 | 100.00 | | | N | |
| 843.0 | 846.0 | 100.00 | 100.00 | | | N | |
| 846.0 | 849.0 | 100.00 | 100.00 | | | N | |
| 849.0 | 852.0 | 100.00 | 100.00 | | | N | |
| 852.0 | 855.0 | 98.00 | 100.00 | | | N | |
| 855.0 | 858.0 | 98.00 | 100.00 | | | N | |
| 858.0 | 861.0 | 100.00 | 100.00 | | | N | |
| 861.0 | 864.0 | 100.00 | 100.00 | | | N | |
| 864.0 | 867.0 | 100.00 | 100.00 | | | N | |
| 867.0 | 870.0 | 73.00 | 100.00 | | | N | |
| 870.0 | 873.0 | 100.00 | 100.00 | | | N | |
| 873.0 | 876.0 | 97.00 | 100.00 | | | N | |
| 876.0 | 879.0 | 97.00 | 100.00 | | | N | |
| 879.0 | 882.0 | 97.00 | 100.00 | | | N | |
| 882.0 | 885.0 | 90.00 | 100.00 | | | N | |
| 885.0 | 888.0 | 100.00 | 100.00 | | | N | |
| 888.0 | 891.0 | 97.00 | 100.00 | | | N | |
| 891.0 | 894.0 | 100.00 | 100.00 | | | N | |
| 894.0 | 897.0 | 100.00 | 100.00 | | | N | |
| 897.0 | 900.0 | 100.00 | 100.00 | | | N | |
| 900.0 | 903.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC19-539

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 903.0 | 906.0 | 100.00 | 100.00 | | | N | |
| 906.0 | 909.0 | 100.00 | 100.00 | | | N | |
| 909.0 | 912.0 | 100.00 | 100.00 | | | N | |
| 912.0 | 915.0 | 100.00 | 100.00 | | | N | |
| 915.0 | 918.0 | 97.00 | 100.00 | | | N | |
| 918.0 | 921.0 | 100.00 | 100.00 | | | N | |
| 921.0 | 924.0 | 100.00 | 100.00 | | | N | |
| 924.0 | 927.0 | 97.00 | 100.00 | | | N | |
| 927.0 | 930.0 | 100.00 | 100.00 | | | N | |
| 930.0 | 933.0 | 100.00 | 100.00 | | | N | |
| 933.0 | 936.0 | 100.00 | 100.00 | | | N | |
| 936.0 | 939.0 | 85.00 | 100.00 | | | N | |
| 939.0 | 942.0 | 100.00 | 100.00 | | | N | |
| 942.0 | 945.0 | 100.00 | 100.00 | | | N | |
| 945.0 | 948.0 | 100.00 | 100.00 | | | N | |
| 948.0 | 951.0 | 100.00 | 100.00 | | | N | |
| 951.0 | 954.0 | 100.00 | 100.00 | | | N | |
| 954.0 | 957.0 | 100.00 | 100.00 | | | N | |

AGNICO EAGLE

# DRILL HOLE REPORT

## EXPLORATION CANADA ONTARIO

**Hole number:** KLUC19-540 **Project Number:** U_Canada **Project name:** Upper Canada

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Historic hole number:** | | **Collar survey:** | Y | **From:** | 0.0 | **Coordinates:** | P |
| **System:** | METRIC | **Verified:** | N | **To:** | 490.3 | **Grid:** | UTM83-17_CSRS-2010: |
| **Target:** | UC_C_ZONE | **Gas:** | N | **Depth:** | 490.3 | **North:** | 5,331,901.31 |
| **No. Claim:** | PAT-18813 | **Multishot survey:** | N | **Location:** | Surface | **East:** | 586,229.87 |
| **Year:** | 2 019 | **Is making water:** | N | **Core storage:** | Exploration Camp | **Elevation:** | 326.71 |
| **Date started:** | 2019-05-04 | **Object in hole:** | N | **Contractor:** | Asinii Drilling | **Collar dip:** | -64.80 |
| **Date logged:** | 2019-05-16 | **Pulse EM survey:** | N | **Logged by:** | Melanie Bouchard | **Collar azimuth:** | 286.51 |
| **Date completed:** | 2019-05-08 | **Plugged:** | N | **Signature:** | Mélanie Bouchard | | |
| **Core size:** | NQ | **Cemented:** | N | | | | |
| **Hole type:** | EXP | **Branch:** | N | | | | |
| **Casing:** | Left in Hole, capped | **Reserve:** | N | | | | |
| **Logging status:** | Signed | | | | | | |
| **Rig number:** | 2501 | | | | | | |

**Additional sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Proposed hole: UCP19-037. New and improved Asinii II drill Rig: 2501. Targeting: C-Zone. Hole cancelled at 489m due to severe deviation in azimuth in the last 100m. Reached upper contact of alkaline unit 2 at 471m. Hole was not cemented.

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments | Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 286.51 | -64.80 | S | O | Surveyed direction (az corrected true North) | 42.0 | 288.60 | -64.90 | EZ | O | 53550 |
| 72.0 | 288.80 | -64.70 | EZ | O | 54160 | 102.0 | 293.10 | -64.70 | EZ | D | 52419 |
| 132.0 | 290.20 | -64.30 | EZ | O | 54090 | 162.0 | 287.10 | -64.90 | EZ | O | 53824 |
| 192.0 | 288.10 | -64.80 | EZ | O | 53838 | 222.0 | 290.60 | -64.80 | EZ | O | 54180 |
| 252.0 | 292.90 | -64.50 | EZ | O | 54533 | 282.0 | 294.20 | -64.20 | EZ | O | 54364 |
| 312.0 | 295.00 | -64.00 | EZ | O | 54423 | 342.0 | 298.00 | -64.10 | EZ | O | 54016 |
| 372.0 | 299.00 | -64.10 | EZ | O | 54695 | 402.0 | 302.70 | -64.30 | EZ | O | 54427 |
| 432.0 | 306.20 | -64.20 | EZ | O | 54278 | 462.0 | 309.10 | -64.20 | EZ | O | 54351 |

| Certificate |
|---|
| TM19121574 |
| TM19123797 |
| TM19136213 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505D19-028 | Excaon1D | CAOND123263 - CAOND123396 |
| CXE5505D19-029 | Excaon1D | CAOND123397 - CAOND123500 |
| CXE5505D19-030 | Excaon1D | CAOND123501 - CAOND123785 |

*The sample list may content samples from other holes

| Sample number | Standard |
|---|---|
| CAOND123290 | CDN-CM-28-AEM |
| CAOND123315 | CDN-CM-27-AEM |
| CAOND123320 | BLANK-DB |

**Hole number:** KLUC19-540

| Sample number | Standard |
|---|---|
| CAOND123330 | CDN-GS-5W |
| CAOND123345 | CDN-CM-28-AEM |
| CAOND123360 | CDN-CM-27-AEM |
| CAOND123370 | BLANK-DB |
| CAOND123375 | CDN-GS-5W |
| CAOND123390 | CDN-CM-28-AEM |
| CAOND123415 | CDN-CM-27-AEM |
| CAOND123420 | BLANK-DB |
| CAOND123430 | CDN-GS-5W |
| CAOND123445 | CDN-CM-28-AEM |
| CAOND123460 | CDN-CM-27-AEM |
| CAOND123470 | BLANK-DB |
| CAOND123475 | CDN-GS-5W |
| CAOND123490 | CDN-CM-28-AEM |
| CAOND123515 | CDN-CM-27-AEM |
| CAOND123520 | BLANK-DB |
| CAOND123530 | CDN-GS-5W |
| CAOND123545 | CDN-CM-28-AEM |
| CAOND123560 | CDN-CM-27-AEM |
| CAOND123570 | BLANK-DB |
| CAOND123575 | CDN-GS-5W |

**Major:** **From:** 0.00 **To:** 27.70 OVB, Overburden

Overburden / casing

**Major:** **From:** 27.70 **To:** 108.90 S, Roches sédimentaires indéterminées

Composition: Dark green to dark grey, fine grained and massive; S - sediments. Magnetism: Strongly magnetic. Veinning: 2-3% mm scale, parallel calcite veinlets and 1-2% irregular and chaotic qtz-cal veinning. Structure: Moderate parallel deformation at 40 - 50 TCA. Alteration: Moderate pervasive chlorite and moderate patchy calcite. Mineralization: 0.5-1% very fine grained disseminated PY and local clusters with up to 3% PY. Lower Contact: Sharp and relatively straight but comes in and out over 1m.

MINOR INTERVAL

30.00 - 30.40: PORPH40cm thick, medium to dark purplish red porphyry intrusion.

MINOR INTERVAL

33.00 - 33.60: PORPH60cm thick, medium to dark purplish red porphyry intrusion.

MINOR INTERVAL

34.00 - 34.30: I4P30cm thick kimberlite

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123276 | 29.7 | 30.5 | 0.8 | 0.076 | | | | 2.78 |
| CAOND123277 | 30.5 | 32.0 | 1.5 | 0.011 | | | | 2.83 |
| CAOND123278 | 32.0 | 32.7 | 0.7 | 0.003 | | | | 2.79 |
| CAOND123279 | 32.7 | 34.0 | 1.3 | 0.003 | | | | 2.71 |
| CAOND123281 | 34.0 | 34.6 | 0.6 | 0.003 | | | | 2.73 |
| CAOND123282 | 34.6 | 35.7 | 1.1 | 0.003 | | | | 2.76 |
| CAOND123283 | 35.7 | 37.0 | 1.3 | 0.008 | | | | 2.75 |
| CAOND123284 | 37.0 | 38.5 | 1.5 | 0.014 | | | | 2.78 |
| CAOND123285 | 38.5 | 40.0 | 1.5 | 0.003 | | | | 2.79 |

**Hole number:** KLUC19-540

**MINOR INTERVAL**
34.60 - 35.70: PORPH1.1m thick, medium to dark purplish red porphyry intrusion. 25% irregular and chaotic qtz-cal veinning

**MINOR INTERVAL**
108.10 - 108.40: I4PKimberlite

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
84.00, 101.00, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated PY
101.00, 108.00, PYR, DIS, 3.00, -, VFG, 3-5% very fine grained disseminated PY

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
27.70, 108.90, CAL+, PAT, MOD, -, -, -, -
27.70, 108.90, CHL+, PEN, MOD, -, -, -, -

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
27.70, 33.00, FOL, WEAK, 30.00, -, -, -, Weak foliation at 30 TCA
27.70, 108.90, DFZ, MOD, -, -, -, -, -
38.00, 40.60, FOL, MOD, 30.00, -, -, -, Moderate foliation at 30 TCA
40.60, 41.60, FLD, WEAK, -, -, -, -, Chaotic folding
40.60, 108.90, FOL, MOD, 50.00, -, -, -, Moderate foliation at 50-60 TCA
96.00, 108.00, BRR, WEAK, -, -, -, -, Weak broken/fractured core

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
34.60, 35.70, QtzCalChl, 25.00, -, -, -, -, -, -, -, -, -, 25% irregular and chaotic qtz-cal-chl veinning occuring in porph
46.00, 47.00, QtzCalChl, 10.00, -, -, -, -, -, -, -, -, -, 10% irregular and chaotic qtz-cal-chl veinning
85.00, 88.00, QTZ_2, 3.00, -, -, -, -, -, -, -, -, -, 3% irregular, discontinous but parallel qtz-cal veinning 1cm thick
99.00, 101.00, QTZ_2, 5.00, -, -, -, -, -, -, -, -, -, 5% irregular but parallel qtz-cal and cal veinning oriented at 50-60 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123286 | 40.0 | 41.5 | 1.5 | 0.013 | | | | 2.81 |
| CAOND123287 | 41.5 | 43.0 | 1.5 | 0.013 | | | | 2.82 |
| CAOND123288 | 43.0 | 44.5 | 1.5 | 0.013 | | | | 2.80 |
| CAOND123289 | 44.5 | 46.0 | 1.5 | 0.140 | | | | 2.80 |
| CAOND123291 | 46.0 | 47.0 | 1.0 | 0.013 | | | | 2.81 |
| CAOND123292 | 47.0 | 48.5 | 1.5 | 0.005 | | | | 2.85 |
| CAOND123293 | 48.5 | 50.0 | 1.5 | 0.005 | | | | 2.83 |
| CAOND123294 | 50.0 | 51.5 | 1.5 | 0.008 | | | | 2.87 |
| CAOND123295 | 51.5 | 53.0 | 1.5 | 0.005 | | | | 2.81 |
| CAOND123296 | 53.0 | 54.5 | 1.5 | 0.009 | | | | 2.78 |
| CAOND123297 | 54.5 | 56.0 | 1.5 | 0.012 | | | | 2.76 |
| CAOND123298 | 56.0 | 57.5 | 1.5 | 0.003 | | | | 2.74 |
| CAOND123299 | 57.5 | 59.0 | 1.5 | 0.006 | | | | 2.79 |
| CAOND123301 | 59.0 | 60.5 | 1.5 | 0.010 | | | | 2.82 |
| CAOND123302 | 60.5 | 62.0 | 1.5 | 0.010 | | | | 2.78 |
| CAOND123303 | 62.0 | 63.5 | 1.5 | 0.181 | | | | 2.79 |
| CAOND123304 | 63.5 | 65.0 | 1.5 | 0.028 | | | | 2.78 |
| CAOND123305 | 65.0 | 66.5 | 1.5 | 0.014 | | | | 2.81 |
| CAOND123306 | 66.5 | 68.0 | 1.5 | 0.008 | | | | 2.76 |
| CAOND123307 | 68.0 | 69.5 | 1.5 | 0.084 | | | | 2.77 |
| CAOND123308 | 69.5 | 71.0 | 1.5 | 0.011 | | | | 2.79 |
| CAOND123309 | 71.0 | 72.5 | 1.5 | 0.007 | | | | 2.82 |
| CAOND123310 | 72.5 | 74.0 | 1.5 | 0.003 | | | | 2.80 |
| CAOND123311 | 74.0 | 75.5 | 1.5 | 0.005 | | | | 2.79 |
| CAOND123312 | 75.5 | 77.0 | 1.5 | 0.006 | | | | 2.80 |
| CAOND123313 | 77.0 | 78.5 | 1.5 | 0.003 | | | | 2.81 |
| CAOND123314 | 78.5 | 80.0 | 1.5 | 0.006 | | | | 2.80 |
| CAOND123316 | 80.0 | 81.5 | 1.5 | 0.010 | | | | 2.82 |
| CAOND123317 | 81.5 | 83.0 | 1.5 | 0.008 | | | | 2.82 |
| CAOND123318 | 83.0 | 84.5 | 1.5 | 0.013 | | | | 2.81 |
| CAOND123319 | 84.5 | 86.0 | 1.5 | 0.079 | | | | 2.80 |
| CAOND123321 | 86.0 | 87.5 | 1.5 | 0.126 | | | | 2.82 |
| CAOND123322 | 87.5 | 89.0 | 1.5 | 0.021 | | | | 2.82 |

**Hole number:** KLUC19-540

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123323 | 89.0 | 90.5 | 1.5 | 0.013 | | | | 2.83 |
| CAOND123324 | 90.5 | 92.0 | 1.5 | 0.003 | | | | 2.83 |
| CAOND123326 | 92.0 | 93.5 | 1.5 | 0.053 | | | | 2.82 |
| CAOND123327 | 93.5 | 95.0 | 1.5 | 0.007 | | | | 2.83 |
| CAOND123328 | 95.0 | 96.5 | 1.5 | 0.027 | | | | 2.82 |
| CAOND123329 | 96.5 | 98.0 | 1.5 | 0.015 | | | | 2.76 |
| CAOND123331 | 98.0 | 99.5 | 1.5 | 0.023 | | | | 2.81 |
| CAOND123332 | 99.5 | 101.0 | 1.5 | 0.036 | | | | 2.82 |
| CAOND123333 | 101.0 | 102.5 | 1.5 | 0.017 | | | | 2.82 |
| CAOND123334 | 102.5 | 104.0 | 1.5 | 0.006 | | | | 2.78 |
| CAOND123335 | 104.0 | 105.5 | 1.5 | 0.032 | | | | 2.71 |
| CAOND123336 | 105.5 | 107.0 | 1.5 | 0.043 | | | | 2.76 |
| CAOND123337 | 107.0 | 108.0 | 1.0 | 0.064 | | | | 2.78 |
| CAOND123338 | 108.0 | 108.9 | 0.9 | 0.008 | | | | 2.62 |

**Major:** **From:** 108.90 **To:** 145.00 I4P, Kimberlite

Composition: Dark grey to brownish fine grained matrix with randomly distributed minerals, fragments and clasts of varying compositions, abundances, shapes and sizes; brecciated and fragmented texture; I4P - Kimberlite. Magnetism: Weakly magnetic. Veinning: None. Structure: None. Alteration: Strong pervasive calcite. Mineralization: None. Lower Contact: Sharp and relatively straight; oriented at 40 TCA but not parallel to deformation in adjacant seds unit

**Major:** **From:** 145.00 **To:** 169.00 S, Roches sédimentaires indéterminées

Composition: Dark green to dark grey with irregular white and pale grey patches, fine grained and massive, finely laminated and banded; S - sediments. Magnetism: Strongly magnetic. Veinning: 2-3% mm scale, parallel calcite veinlets and 1-2% irregular and chaotic qtz-cal veinning. Structure: Moderate parallel deformation at 50-60 TCA. Alteration: Moderate pervasive chlorite and moderate patchy calcite. Mineralization: 0.5-1% very fine grained disseminated PY Lower Contact: Sharp but irregular.

**MINOR INTERVAL**

162.50 - 162.70: PORPH20cm thick pale pink, medium to coarse grained, weakly porphyritc felsic intrusion

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

145.00, 169.00, CAL+, PAT, MOD, -, -, -, -

145.00, 169.00, CHL+, PEN, MOD, -, -, -, -

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123339 | 145.0 | 146.5 | 1.5 | 0.028 | | | | 2.77 |
| CAOND123340 | 146.5 | 148.0 | 1.5 | 0.016 | | | | 2.75 |
| CAOND123341 | 148.0 | 149.5 | 1.5 | 0.018 | | | | 2.74 |
| CAOND123342 | 149.5 | 151.0 | 1.5 | 0.018 | | | | 2.77 |
| CAOND123343 | 151.0 | 152.5 | 1.5 | 0.009 | | | | 2.78 |
| CAOND123344 | 152.5 | 154.0 | 1.5 | 0.005 | | | | 2.84 |
| CAOND123346 | 154.0 | 155.5 | 1.5 | 0.013 | | | | 2.73 |
| CAOND123347 | 155.5 | 157.0 | 1.5 | 0.016 | | | | 2.67 |
| CAOND123348 | 157.0 | 158.5 | 1.5 | 0.039 | | | | 2.67 |
| CAOND123349 | 158.5 | 160.0 | 1.5 | 0.009 | | | | 2.66 |
| CAOND123351 | 160.0 | 161.5 | 1.5 | 0.012 | | | | 2.67 |
| CAOND123352 | 161.5 | 163.0 | 1.5 | 0.012 | | | | 2.56 |

**Hole number:** KLUC19-540

145.00, 169.00, DFZ, MOD, -, -, -, -, Moderate deformation dominantly parallel
145.00, 169.00, FOL, MOD, 50.00, -, -, -, Moderate foliation at 50-60 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123353 | 163.0 | 164.5 | 1.5 | 0.024 | | | | 2.73 |
| CAOND123354 | 164.5 | 166.0 | 1.5 | 0.812 | | | | 2.66 |
| CAOND123355 | 166.0 | 167.0 | 1.0 | 0.055 | | | | 2.76 |
| CAOND123356 | 167.0 | 168.0 | 1.0 | 0.019 | | | | 2.81 |
| CAOND123357 | 168.0 | 169.0 | 1.0 | 0.013 | | | | 2.74 |

**Major:** **From:** 169.00 **To:** 199.00 I4P, Kimberlite

Composition: Dark grey to brownish fine grained matrix with randomly distributed minerals, fragments and clasts of varying compositions, abundances, shapes and sizes; brecciated and fragmented texture; I4P - Kimberlite. Magnetism: Weakly magnetic. Veinning: None. Structure: None. Alteration: Strong pervasive calcite. Mineralization: None. Lower Contact: Fractured and unclear

**Major:** **From:** 199.00 **To:** 263.00 S, Roches sédimentaires indéterminées

Composition: Medium green with minor irregular white and pale grey patches, fine grained and massive, finely laminated and banded; S - sediments. Magnetism: Moderate to strongly magnetic. Veinning: 1-2% mm scale calcite veinlets both parallel and crosscutting deformation. Structure: Moderate parallel deformation at 30 TCA. Alteration: Weak pervasive chlorite and epidote? and moderate pervasive calcite. Mineralization: None observed. Lower Contact: Gradational.

**MINOR INTERVAL**

239.90 - 245.00: S1Minor 5m thick interval with 2-3% strongly deformation and flattened pebbles.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

222.00, 224.00, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated PY
224.00, 228.00, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained disseminated PY
228.00, 235.00, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated PY
248.00, 249.00, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated PY
249.00, 250.00, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained disseminated PY
260.00, 261.00, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained disseminated PY
262.80, 263.00, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated PY

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

199.00, 235.00, EPD+, PEN, WEAK, -, -, -, -
199.00, 262.80, CAL+, PEN, MOD, -, -, -, -
199.00, 262.80, CHL+, PEN, WEAK, -, -, -, -
262.80, 263.00, CAL+, SPO, MOD, -, -, -, -
262.80, 263.00, CHL+, PAT, MOD, -, -, -, -

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

199.00, 262.80, DFZ, MOD, 30.00, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123358 | 199.0 | 200.5 | 1.5 | 0.043 | | | | 2.81 |
| CAOND123359 | 200.5 | 202.0 | 1.5 | 0.102 | | | | 2.82 |
| CAOND123361 | 202.0 | 203.5 | 1.5 | 0.003 | | | | 2.86 |
| CAOND123362 | 203.5 | 205.0 | 1.5 | 0.003 | | | | 2.87 |
| CAOND123363 | 205.0 | 206.5 | 1.5 | 0.003 | | | | 2.87 |
| CAOND123364 | 206.5 | 208.0 | 1.5 | 0.003 | | | | 2.92 |
| CAOND123365 | 208.0 | 209.5 | 1.5 | 0.003 | | | | 2.94 |
| CAOND123366 | 209.5 | 211.0 | 1.5 | 0.003 | | | | 2.94 |
| CAOND123367 | 211.0 | 212.5 | 1.5 | 0.003 | | | | 2.90 |
| CAOND123368 | 212.5 | 214.0 | 1.5 | 0.003 | | | | 2.88 |
| CAOND123369 | 214.0 | 215.5 | 1.5 | 0.003 | | | | 2.92 |
| CAOND123371 | 215.5 | 217.0 | 1.5 | 0.006 | | | | 2.95 |
| CAOND123372 | 217.0 | 218.5 | 1.5 | 0.003 | | | | 2.95 |
| CAOND123373 | 218.5 | 220.0 | 1.5 | 0.007 | | | | 2.94 |
| CAOND123374 | 220.0 | 221.5 | 1.5 | 0.003 | | | | 2.94 |
| CAOND123376 | 221.5 | 223.0 | 1.5 | 0.008 | | | | 2.71 |
| CAOND123377 | 223.0 | 224.5 | 1.5 | 0.010 | | | | 2.73 |
| CAOND123378 | 224.5 | 226.0 | 1.5 | 0.011 | | | | 2.70 |
| CAOND123379 | 226.0 | 227.5 | 1.5 | 0.021 | | | | 2.66 |
| CAOND123381 | 227.5 | 229.0 | 1.5 | 0.012 | | | | 2.71 |
| CAOND123382 | 229.0 | 230.5 | 1.5 | 0.009 | | | | 2.72 |
| CAOND123383 | 230.5 | 232.0 | 1.5 | 0.010 | | | | 2.73 |

**Hole number:** KLUC19-540

199.00, 262.80, FOL, WEAK, 30.00, -, -, -, -
206.00, 207.00, BRR, MOD, -, -, -, -, -
262.80, 263.00, DFZ, MOD, 30.00, -, -, -, Moderate to strong parallel deformation and flattening of pebbles
262.80, 263.00, FOL, MOD, 30.00, -, -, -, Moderate to strong foliation at 30-40 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123384 | 232.0 | 233.5 | 1.5 | 0.008 | | | | 2.73 |
| CAOND123385 | 233.5 | 235.0 | 1.5 | 0.012 | | | | 2.73 |
| CAOND123386 | 235.0 | 236.5 | 1.5 | 0.010 | | | | 2.73 |
| CAOND123387 | 236.5 | 238.0 | 1.5 | 0.016 | | | | 2.66 |
| CAOND123388 | 238.0 | 239.5 | 1.5 | 0.016 | | | | 2.62 |
| CAOND123389 | 239.5 | 241.0 | 1.5 | 0.107 | | | | 2.76 |
| CAOND123391 | 241.0 | 242.5 | 1.5 | 0.051 | | | | 2.75 |
| CAOND123392 | 242.5 | 244.0 | 1.5 | 0.021 | | | | 2.74 |
| CAOND123393 | 244.0 | 245.5 | 1.5 | 0.011 | | | | 2.73 |
| CAOND123394 | 245.5 | 247.0 | 1.5 | 0.008 | | | | 2.73 |
| CAOND123395 | 247.0 | 248.5 | 1.5 | 0.021 | | | | 2.75 |
| CAOND123396 | 248.5 | 250.0 | 1.5 | 0.007 | | | | 2.74 |
| CAOND123397 | 250.0 | 251.5 | 1.5 | 0.005 | | | | 2.74 |
| CAOND123398 | 251.5 | 253.0 | 1.5 | 0.007 | | | | 2.74 |
| CAOND123399 | 253.0 | 254.5 | 1.5 | 0.009 | | | | 2.72 |
| CAOND123401 | 254.5 | 256.0 | 1.5 | 0.010 | | | | 2.73 |
| CAOND123402 | 256.0 | 257.5 | 1.5 | 0.017 | | | | 2.74 |
| CAOND123403 | 257.5 | 259.0 | 1.5 | 0.007 | | | | 2.71 |
| CAOND123404 | 259.0 | 260.5 | 1.5 | 0.030 | | | | 2.74 |
| CAOND123405 | 260.5 | 261.5 | 1.0 | 0.043 | | | | 2.74 |
| CAOND123406 | 261.5 | 263.0 | 1.5 | 0.012 | | | | 2.74 |

**Major:** **From:** 263.00 **To:** 316.00 S1, CONGLOMÉRAT

Composition: Various shades of grey and green, fine grained sediment between 15-20% strongly flattened and streched parallel pebbles; S1 - Sediment. Magnetism: Non magnetic. Veinning: 2-3% irregular qtz-cal veinning with minor interval containning 20%. Structure: Moderate to strong parallel deformation at 30 TCA. Alteration: Moderate patchy chlorite alteration and moderate spotted calcite alteration. Mineralization: 1-2% very fine to fien grained disseminated PY locally. Lower Contact: Gradational. Gradual reduction in abundance of pebbles.

**MINOR INTERVAL**

277.00 - 283.00: SMinor sediment interval with no pebbles observed

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
263.00, 277.00, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated PY
277.00, 303.00, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated PY
311.00, 316.00, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained disseminated PY

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123407 | 263.0 | 264.5 | 1.5 | 0.074 | | | | 2.76 |
| CAOND123408 | 264.5 | 266.0 | 1.5 | 0.030 | | | | 2.74 |
| CAOND123409 | 266.0 | 267.5 | 1.5 | 0.045 | | | | 2.75 |
| CAOND123410 | 267.5 | 269.0 | 1.5 | 0.188 | | | | 2.76 |
| CAOND123411 | 269.0 | 270.0 | 1.0 | 0.038 | | | | 2.78 |
| CAOND123412 | 270.0 | 271.5 | 1.5 | 0.017 | | | | 2.75 |
| CAOND123413 | 271.5 | 273.0 | 1.5 | 0.036 | | | | 2.76 |
| CAOND123414 | 273.0 | 274.5 | 1.5 | 0.044 | | | | 2.76 |
| CAOND123416 | 274.5 | 276.0 | 1.5 | 0.106 | | | | 2.74 |
| CAOND123417 | 276.0 | 277.0 | 1.0 | 0.098 | | | | 2.72 |
| CAOND123418 | 277.0 | 278.5 | 1.5 | 0.003 | | | | 2.78 |

**Hole number:** KLUC19-540

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
263.00, 277.00, CAL+, SPO, MOD, -, -, -, -
263.00, 277.00, CHL+, PAT, MOD, -, -, -, -
277.00, 280.50, CAL+, PAT, STRONG, -, -, -, -
277.00, 280.50, CHL+, PEN, STRONG, -, -, -, -
280.50, 316.00, CAL+, SPO, MOD, -, -, -, -
280.50, 316.00, CHL+, PAT, MOD, -, -, -, -
280.50, 316.00, EPD+, PAT, WEAK, -, -, -, -

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
263.00, 277.00, DFZ, MOD, 30.00, -, -, -, Moderate to strong parallel deformation and flattening of pebbles
263.00, 277.00, FOL, MOD, 30.00, -, -, -, Moderate to strong foliation at 30-40 TCA
277.00, 281.00, DFZ, MOD, 50.00, -, -, -, -
277.00, 281.00, FOL, -, 50.00, -, -, -, -
281.00, 315.00, DFZ, MOD, 30.00, -, -, -, -
281.00, 315.00, FOL, MOD, 30.00, -, -, -, -
315.00, 316.00, DFZ, MOD, 30.00, -, -, -, Moderate to strong parallel deformation at 30-40 TCA
315.00, 316.00, FOL, MOD, 30.00, -, -, -, Moderate to strong foliation at 30-40 TCA

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
265.30, 265.40, QTZ_2, 90.00, -, -, -, -, -, -, -, -, -, irregular, white qtz-cal veinning occuring over 10cm
270.00, 271.20, QTZ_2, 10.00, -, -, -, -, -, -, -, -, -, 10% irregular and chaotic qtz-cal veinning occuring over 5-10cm
277.00, 280.50, QTZ_2, 20.00, -, -, -, -, -, -, -, -, -, 20% irregular and chaotic qtz-cal veinnning oriented parallel at 40 TCA
305.00, 310.00, CAL, 20.00, -, -, -, -, -, -, -, -, -, 20% irregular, chaotic and patchy calcite veins

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123419 | 278.5 | 280.0 | 1.5 | 0.003 | | | | 2.76 |
| CAOND123421 | 280.0 | 281.5 | 1.5 | 0.005 | | | | 2.72 |
| CAOND123422 | 281.5 | 283.0 | 1.5 | 0.034 | | | | 2.71 |
| CAOND123423 | 283.0 | 284.5 | 1.5 | 0.031 | | | | 2.73 |
| CAOND123424 | 284.5 | 286.0 | 1.5 | 0.059 | | | | 2.74 |
| CAOND123426 | 286.0 | 287.5 | 1.5 | 0.030 | | | | 2.76 |
| CAOND123427 | 287.5 | 289.0 | 1.5 | 0.035 | | | | 2.75 |
| CAOND123428 | 289.0 | 290.5 | 1.5 | 0.089 | | | | 2.76 |
| CAOND123429 | 290.5 | 292.0 | 1.5 | 0.036 | | | | 2.75 |
| CAOND123431 | 292.0 | 293.5 | 1.5 | 0.038 | | | | 2.76 |
| CAOND123432 | 293.5 | 295.0 | 1.5 | 0.053 | | | | 2.74 |
| CAOND123433 | 295.0 | 296.5 | 1.5 | 0.073 | | | | 2.74 |
| CAOND123434 | 296.5 | 298.0 | 1.5 | 0.623 | | | | 2.76 |
| CAOND123435 | 298.0 | 299.5 | 1.5 | 0.053 | | | | 2.74 |
| CAOND123436 | 299.5 | 301.0 | 1.5 | 0.029 | | | | 2.71 |
| CAOND123437 | 301.0 | 302.5 | 1.5 | 0.028 | | | | 2.75 |
| CAOND123438 | 302.5 | 304.0 | 1.5 | 0.040 | | | | 2.74 |
| CAOND123439 | 304.0 | 305.5 | 1.5 | 0.038 | | | | 2.73 |
| CAOND123440 | 305.5 | 307.0 | 1.5 | 0.003 | | | | 2.77 |
| CAOND123441 | 307.0 | 308.5 | 1.5 | 0.007 | | | | 2.76 |
| CAOND123442 | 308.5 | 310.0 | 1.5 | 0.048 | | | | 2.76 |
| CAOND123443 | 310.0 | 311.5 | 1.5 | 0.033 | | | | 2.74 |
| CAOND123444 | 311.5 | 313.0 | 1.5 | 0.021 | | | | 2.74 |
| CAOND123446 | 313.0 | 314.5 | 1.5 | 0.068 | | | | 2.75 |
| CAOND123447 | 314.5 | 316.0 | 1.5 | 0.018 | | | | 2.74 |

**Major:** **From:** 316.00 **To:** 422.40 S, Roches sédimentaires indéterminées

Composition: Medium green and dark green with minor irregular white and pale grey patches, fine grained and massive, finely laminated and banded; S - sediments. Magnetism: Moderate to strongly magnetic. Veinning: 2-3% irregular and chaotic qtz-cal veins and 15-20% irregular and chaotic calcite veins. Structure: Moderate to strong parallel deformation at 30-40 TCA. Alteration: Weak pervasive chlorite alteration locally moderate to strong and moderate to strong chaotic, patchy and spotted calcite alteration. Mineralization: 0.1-0.5% very fine grained disseminated PY. Lower Contact: Sharp and irregular.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123448 | 316.0 | 317.5 | 1.5 | 0.006 | | | | 2.73 |
| CAOND123449 | 317.5 | 319.0 | 1.5 | 0.005 | | | | 2.73 |
| CAOND123451 | 319.0 | 320.5 | 1.5 | 0.008 | | | | 2.75 |
| CAOND123452 | 320.5 | 322.0 | 1.5 | 0.024 | | | | 2.74 |
| CAOND123453 | 322.0 | 323.5 | 1.5 | 0.006 | | | | 2.74 |
| CAOND123454 | 323.5 | 325.0 | 1.5 | 0.003 | | | | 2.72 |
| CAOND123455 | 325.0 | 326.5 | 1.5 | 0.003 | | | | 2.74 |

**Hole number:** KLUC19-540

316.00, 317.00, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained disseminated PY
317.00, 367.00, PYR, DIS, .10, -, VFG, 0.1-0.5% very fine grained dissemianted PY
367.00, 402.00, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained dissemianted PY
402.00, 403.00, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained disseminated PY
403.00, 415.00, PYR, DIS, .50, -, VFG, 0.5-1% very fine grained disseminated PY
415.00, 418.00, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained disseminated PY
418.00, 422.40, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained dissemianted PY

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

316.00, 422.40, CAL+, PAT, MOD, -, -, -, -
316.00, 422.40, CHL+, PEN, MOD, -, -, -, -
380.00, 422.40, SER+, PAT, WEAK, -, -, -, -

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

316.00, 375.00, DFZ, MOD, 30.00, -, -, -, Moderate to strong parallel deformation at 30-40 TCA
316.00, 375.00, FOL, MOD, 30.00, -, -, -, Moderate to strong foliation at 30-40 TCA
327.00, 344.00, FLD, WEAK, -, -, -, -, Weak to moderate chaotic folding
343.00, 344.50, BRR, MOD, -, -, -, -, Broken/fractured core into angular pieces
368.00, 375.00, FLD, WEAK, -, -, -, -, Weak to moderate chaotic folding
375.00, 404.00, DFZ, MOD, -, -, -, -, Moderate chaotic deformation
380.00, 404.00, CRN, WEAK, -, -, -, -, Weak to moderate crenulation
380.00, 404.00, FLD, MOD, -, -, -, -, Moderate chaotic folding
404.00, 420.00, CRN, WEAK, -, -, -, -, -
404.00, 420.00, DFZ, MOD, -, -, -, -, Moderate parallel deformation with weak crenulations
404.00, 420.00, FOL, WEAK, 30.00, -, -, -, Weak preferential alignment at 30-40 TCA
420.00, 422.40, DFZ, MOD, -, -, -, -, Moderate chaotic deformation
420.00, 422.40, FLD, WEAK, -, -, -, -, Weak to moderate chaotic folding

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

326.00, 353.00, CAL, 25.00, -, -, -, -, -, -, -, -, -, -, 25% irregular and chaotically folded calcite veinning
327.00, 337.00, QTZ_2, 15.00, -, -, -, -, -, -, -, -, -, -, 15% irregular and chaotic qtz-cal veinning
380.00, 390.00, QTZ_2, 5.00, -, -, -, -, -, -, -, -, -, -, 5% chaotic and irregular qtz-cal veinning. Locally occuring in 20cm thick intervals
395.00, 399.00, QTZ_2, 5.00, -, -, -, -, -, -, -, -, -, -, 5% chaotic and irregular qtz-cal veinning
408.00, 416.00, QTZ_2, 3.00, -, -, -, -, -, -, -, -, -, -, 3% irregular qtz-cal veinning

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123456 | 326.5 | 328.0 | 1.5 | 0.016 | | | | 2.81 |
| CAOND123457 | 328.0 | 329.5 | 1.5 | 0.007 | | | | 2.80 |
| CAOND123458 | 329.5 | 331.0 | 1.5 | 0.003 | | | | 2.79 |
| CAOND123459 | 331.0 | 332.5 | 1.5 | 0.003 | | | | 2.79 |
| CAOND123461 | 332.5 | 334.0 | 1.5 | 0.003 | | | | 2.79 |
| CAOND123462 | 334.0 | 335.5 | 1.5 | 0.003 | | | | 2.80 |
| CAOND123463 | 335.5 | 337.0 | 1.5 | 0.003 | | | | 2.78 |
| CAOND123464 | 337.0 | 338.5 | 1.5 | 0.003 | | | | 2.78 |
| CAOND123465 | 338.5 | 340.0 | 1.5 | 0.003 | | | | 2.79 |
| CAOND123466 | 340.0 | 341.5 | 1.5 | 0.003 | | | | 2.80 |
| CAOND123467 | 341.5 | 343.0 | 1.5 | 0.012 | | | | 2.81 |
| CAOND123468 | 343.0 | 344.5 | 1.5 | 0.009 | | | | 2.79 |
| CAOND123469 | 344.5 | 346.0 | 1.5 | 0.009 | | | | 2.80 |
| CAOND123471 | 346.0 | 347.5 | 1.5 | 0.006 | | | | 2.80 |
| CAOND123472 | 347.5 | 349.0 | 1.5 | 0.005 | | | | 2.80 |
| CAOND123473 | 349.0 | 350.5 | 1.5 | 0.007 | | | | 2.81 |
| CAOND123474 | 350.5 | 352.0 | 1.5 | 0.011 | | | | 2.78 |
| CAOND123476 | 352.0 | 353.5 | 1.5 | 0.008 | | | | 2.79 |
| CAOND123477 | 353.5 | 355.0 | 1.5 | 0.013 | | | | 2.80 |
| CAOND123478 | 355.0 | 356.5 | 1.5 | 0.012 | | | | 2.80 |
| CAOND123479 | 356.5 | 358.0 | 1.5 | 0.005 | | | | 2.75 |
| CAOND123481 | 358.0 | 359.5 | 1.5 | 0.009 | | | | 2.74 |
| CAOND123482 | 359.5 | 361.0 | 1.5 | 0.009 | | | | 2.73 |
| CAOND123483 | 361.0 | 362.5 | 1.5 | 0.008 | | | | 2.74 |
| CAOND123484 | 362.5 | 364.0 | 1.5 | 0.011 | | | | 2.74 |
| CAOND123485 | 364.0 | 365.5 | 1.5 | 0.011 | | | | 2.74 |
| CAOND123486 | 365.5 | 367.0 | 1.5 | 0.006 | | | | 2.75 |
| CAOND123487 | 367.0 | 368.5 | 1.5 | 0.015 | | | | 2.75 |
| CAOND123488 | 368.5 | 370.0 | 1.5 | 0.041 | | | | 2.76 |
| CAOND123489 | 370.0 | 371.5 | 1.5 | 0.007 | | | | 2.75 |
| CAOND123491 | 371.5 | 373.0 | 1.5 | 0.033 | | | | 2.76 |
| CAOND123492 | 373.0 | 374.5 | 1.5 | 0.005 | | | | 2.75 |
| CAOND123493 | 374.5 | 376.0 | 1.5 | 0.009 | | | | 2.74 |

**Hole number:** KLUC19-540

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123494 | 376.0 | 377.5 | 1.5 | 0.009 | | | | 2.74 |
| CAOND123495 | 377.5 | 379.0 | 1.5 | 0.007 | | | | 2.74 |
| CAOND123496 | 379.0 | 380.5 | 1.5 | 0.006 | | | | 2.74 |
| CAOND123497 | 380.5 | 382.0 | 1.5 | 0.008 | | | | 2.76 |
| CAOND123498 | 382.0 | 383.5 | 1.5 | 0.006 | | | | 2.75 |
| CAOND123499 | 383.5 | 385.0 | 1.5 | 0.009 | | | | 2.75 |
| CAOND123501 | 385.0 | 386.0 | 1.0 | 0.008 | | | | 2.76 |
| CAOND123502 | 386.0 | 387.5 | 1.5 | 0.018 | | | | 2.76 |
| CAOND123503 | 387.5 | 389.0 | 1.5 | 0.020 | | | | 2.75 |
| CAOND123504 | 389.0 | 390.5 | 1.5 | 0.006 | | | | 2.77 |
| CAOND123505 | 390.5 | 392.0 | 1.5 | 0.027 | | | | 2.75 |
| CAOND123506 | 392.0 | 393.5 | 1.5 | 0.006 | | | | 2.73 |
| CAOND123507 | 393.5 | 395.0 | 1.5 | 0.006 | | | | 2.76 |
| CAOND123508 | 395.0 | 396.5 | 1.5 | 0.005 | | | | 2.77 |
| CAOND123509 | 396.5 | 398.0 | 1.5 | 0.010 | | | | 2.78 |
| CAOND123510 | 398.0 | 399.5 | 1.5 | 0.009 | | | | 2.74 |
| CAOND123511 | 399.5 | 401.0 | 1.5 | 0.008 | | | | 2.75 |
| CAOND123512 | 401.0 | 402.5 | 1.5 | 0.055 | | | | 2.77 |
| CAOND123513 | 402.5 | 404.0 | 1.5 | 0.015 | | | | 2.77 |
| CAOND123514 | 404.0 | 405.5 | 1.5 | 0.034 | | | | 2.76 |
| CAOND123516 | 405.5 | 407.0 | 1.5 | 0.005 | | | | 2.76 |
| CAOND123517 | 407.0 | 408.5 | 1.5 | 0.015 | | | | 2.77 |
| CAOND123518 | 408.5 | 410.0 | 1.5 | 0.007 | | | | 2.76 |
| CAOND123519 | 410.0 | 411.5 | 1.5 | 0.010 | | | | 2.76 |
| CAOND123521 | 411.5 | 413.0 | 1.5 | 0.007 | | | | 2.76 |
| CAOND123522 | 413.0 | 414.5 | 1.5 | 0.005 | | | | 2.77 |
| CAOND123523 | 414.5 | 416.0 | 1.5 | 0.011 | | | | 2.78 |
| CAOND123524 | 416.0 | 417.5 | 1.5 | 0.055 | | | | 2.79 |
| CAOND123526 | 417.5 | 419.0 | 1.5 | 0.013 | | | | 2.71 |
| CAOND123527 | 419.0 | 419.8 | 0.8 | 0.011 | | | | 2.75 |
| CAOND123528 | 419.8 | 420.8 | 1.0 | 0.006 | | | | 2.78 |
| CAOND123529 | 420.8 | 421.6 | 0.8 | 0.096 | | | | 2.78 |
| CAOND123531 | 421.6 | 422.4 | 0.8 | 0.005 | | | | 2.80 |

## Hole number: KLUC19-540

**Major:** **From:** 422.40 **To:** 424.00 I, Roches intrusive indetermine

Composition: Medium orangish red, fien grained and massive intrusion; I - Intrusion. Magnetism: Non magnetic. Veinning: 30% chaotic qtz-carb and carb veinning. Structure: Undeformed but moderately brittlely fractured and intruded with veins. Alteration: Moderate pervasive kspar. Mineralization: 2-3% clustered fine grained PY. Lower Contact: Sharp and irregular.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

422.40, 424.00, PYR, PAT, 2.00, -, FGR, 2-3% clustered fine grained PY

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

422.40, 424.00, KFS+, PEN, MOD, -, -, -, -

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

422.40, 424.00, QtzCbt, 25.00, -, -, -, -, -, -, -, -, -, 25% irregular and chaotic qtz-carb and carb veinning less than 1cm thick

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123532 | 422.4 | 423.2 | 0.8 | 0.100 | | | | 2.73 |
| CAOND123533 | 423.2 | 424.0 | 0.8 | 0.567 | | | | 2.72 |

**Major:** **From:** 424.00 **To:** 456.80 S, Roches sédimentaires indéterminées

Composition: Medium greenish beige, medium greenish grey and medium green; fine grained, 1-3% random irregular shaped pebbles; S - sediment. Magnetism: Moderately magnetic. Veinning: 1-2% irregular and chaotic qtz-carb veinning. Structure: Moderate parallel deformation at 20-30 and 30-40 TCA with choatic folding and local crenulations. Alteration: Moderate pervasive chlorite alteration, moderate patchy calcite and local pervasive carbonate. Mineralization: 1-3% very fine grained disseminated PY. Lower Contact: Sharp and straight; oriented at 40-50 TCA.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

424.00, 442.00, PYR, DIS, 1.00, -, VFG, 1-3% very fine grained disseminated PY
442.00, 456.80, PYR, DIS, 2.00, -, VFG, 2-3 locally 1-2% very fine grained dissemianted PY

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

424.00, 428.00, CBT+, PEN, MOD, -, -, -, -
424.00, 456.80, CHL+, PEN, MOD, -, -, -, -
428.00, 456.80, CAL+, PAT, MOD, -, -, -, -

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

424.00, 430.00, FOL, MOD, 20.00, -, -, -, -
424.00, 456.80, DFZ, MOD, -, -, -, -, -
430.00, 434.00, FLD, WEAK, -, -, -, -, -
430.00, 441.00, FOL, MOD, 40.00, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123534 | 424.0 | 425.5 | 1.5 | 0.102 | | | | 2.86 |
| CAOND123535 | 425.5 | 427.0 | 1.5 | 0.003 | | | | 2.88 |
| CAOND123536 | 427.0 | 428.5 | 1.5 | 0.003 | | | | 2.85 |
| CAOND123537 | 428.5 | 430.0 | 1.5 | 0.007 | | | | 2.77 |
| CAOND123538 | 430.0 | 431.5 | 1.5 | 0.009 | | | | 2.78 |
| CAOND123539 | 431.5 | 433.0 | 1.5 | 0.029 | | | | 2.78 |
| CAOND123540 | 433.0 | 434.5 | 1.5 | 0.017 | | | | 2.78 |
| CAOND123541 | 434.5 | 436.0 | 1.5 | 0.008 | | | | 2.77 |
| CAOND123542 | 436.0 | 437.5 | 1.5 | 0.011 | | | | 2.76 |
| CAOND123543 | 437.5 | 439.0 | 1.5 | 0.010 | | | | 2.77 |
| CAOND123544 | 439.0 | 440.5 | 1.5 | 0.011 | | | | 2.74 |
| CAOND123546 | 440.5 | 442.0 | 1.5 | 0.020 | | | | 2.74 |
| CAOND123547 | 442.0 | 443.5 | 1.5 | 0.052 | | | | 2.61 |
| CAOND123548 | 443.5 | 445.0 | 1.5 | 0.013 | | | | 2.77 |
| CAOND123549 | 445.0 | 446.5 | 1.5 | 0.017 | | | | 2.77 |
| CAOND123551 | 446.5 | 448.0 | 1.5 | 0.016 | | | | 2.77 |
| CAOND123552 | 448.0 | 449.5 | 1.5 | 0.012 | | | | 2.76 |

## Hole number: KLUC19-540

441.00, 456.80, FOL, MOD, 30.00, -, -, -, Moderate foliation oriented at 30-40 TCA
445.00, 449.00, FLD, WEAK, -, -, -, -, Weak to moderate chaotic folding

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123553 | 449.5 | 451.0 | 1.5 | 0.009 | | | | 2.75 |
| CAOND123554 | 451.0 | 452.5 | 1.5 | 0.042 | | | | 2.75 |
| CAOND123555 | 452.5 | 454.0 | 1.5 | 0.017 | | | | 2.74 |
| CAOND123556 | 454.0 | 455.5 | 1.5 | 0.016 | | | | 2.77 |
| CAOND123557 | 455.5 | 456.8 | 1.3 | 0.010 | | | | 2.78 |

**Major:** **From:** 456.80 **To:** 463.50 FP, Feldspar porphyry

Composition: Pale pinkish grey, pale to medium grey and pale greenish grey, porphyritic texture; FP - Feldspar Porphyry. Magnetism: Non magnetic. Veinning: 1% mm scale chaotic qtz-cal veinning. Structure: Strong parallel deformation at 40 TCA. Alteration: Moderate pervasive Fe-carb alteration. Mineralization: 1-2% very fine grained disseminated PY. Lower Contact: Sharp, slightly irregular and oriented at 70.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

456.80, 463.50, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained dissemianted PY

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

456.80, 463.50, ANK+, PEN, MOD, -, -, -, Moderate pervasive Fe-carb alteration, stained blue

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

456.80, 463.50, DFZ, STRONG, 40.00, -, -, -, Strong parallel deformation
456.80, 463.50, FOL, STRONG, 40.00, -, -, -, Strong foliation at 40 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123558 | 456.8 | 458.0 | 1.2 | 0.018 | | | | 2.75 |
| CAOND123559 | 458.0 | 459.5 | 1.5 | 0.021 | | | | 2.74 |
| CAOND123561 | 459.5 | 461.0 | 1.5 | 0.021 | | | | 2.76 |
| CAOND123562 | 461.0 | 462.5 | 1.5 | 0.020 | | | | 2.75 |
| CAOND123563 | 462.5 | 463.5 | 1.0 | 0.053 | | | | 2.79 |

**Major:** **From:** 463.50 **To:** 470.70 S, Roches sédimentaires indéterminées

Composition: Various shades of grey, greenish grey, green and pinks, chaotically deformed sediments with minor 5-10cm thick alkaline unit; S - sediments. Magnetism: Beginning as non-magnetic and suddenly becoming strongly magnetic at 465.5m. Veinning: 2% irregular qtz-carb veinning and 3x 5-10cm thick chaotic qtz veinning. Structure: Moderate to strong chaotic deformation. Alteration: Moderate pervasive Fe-carb alteration up to 465m then strong pervasive chlorite, moderate mm scale discontinuous stringers of sericite and moderate patchy Fe-carb alteration. Mineralization: 3-5% very fine grained Py in Fe-carb altered interval gradually diminishing to 1-2% v.f.gr. diss. Py Lower Contact: Gradational, change in colour, textures.

**MINOR INTERVAL**

466.50 - 466.60: V810cm thick alkaline unit

**MINOR INTERVAL**

466.70 - 466.90: V820cm thick alkaline unit

**MINOR INTERVAL**

467.70 - 467.85: V825cm thick intervals of possible alkaline unit

**MINOR INTERVAL**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123564 | 463.5 | 465.0 | 1.5 | 0.013 | | | | 2.79 |
| CAOND123565 | 465.0 | 466.0 | 1.0 | 0.011 | | | | 2.72 |
| CAOND123566 | 466.0 | 467.5 | 1.5 | 0.005 | | | | 2.87 |
| CAOND123567 | 467.5 | 468.8 | 1.3 | 0.009 | | | | 2.87 |
| CAOND123568 | 468.8 | 469.8 | 1.0 | 0.079 | | | | 2.91 |
| CAOND123569 | 469.8 | 470.7 | 0.9 | 0.028 | | | | 2.85 |

**Hole number:** KLUC19-540

469.90 - 470.00: I12cm thick medium orangish red intrusion with 25% irregular and chaotic qtz veins

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
463.50, 466.00, PYR, DIS, 3.00, -, VFG, 3-5% very fine grained disseminated PY
466.00, 470.70, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained dissemianted PY

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
463.50, 465.00, ANK+, PAT, MOD, -, -, -, Moderate pervasive Fe-carb alteration, stained blue
465.00, 470.70, CBT+, PAT, MOD, -, -, -, -
465.00, 470.70, CHL+, PEN, STRONG, -, -, -, -
465.00, 470.70, SER+, STG, MOD, -, -, -, Moderate mm scale discontinuous stringers of sericite

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
463.50, 470.70, DFZ, STRONG, -, -, -, -, Strong chaotic deformation
463.50, 470.70, FLD, MOD, -, -, -, -, Moderate chaotic folding
470.00, 470.70, BRR, WEAK, -, -, -, -, Weak broken/fractured core into irregular angular pieces

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
467.80, 470.70, QtzCbt, 5.00, -, -, -, -, -, -, -, -, -, 5% irregular and chaotic pale grey qtz-carb veins 5-2cm thick

**Major:** **From:** 470.70 **To:** 490.30 V8, Trachyte

XRF UNIT 2 (GREEN) - ALKALINE (Low Zr) Composition: Dominantly dark green and dark grey with irregular patches and spots of pale and medium grey, beige, pale and medium green and medium reds; chaotic, fractured? and deformed texture; V8 - Trachyte (temporary name). Magnetism: Strongly magnetic. Veinning: 1-2% irregular and random mm scale carbonate veinning. Structure: Strong chaotic and fragmented deformation. Alteration: Variable. Mineralization: 05.-1% disseminated PY gradually increasing to 2-5% Lower Contact: Not reached. 484-487.5m = dominantly medium orangish pink colour, slightly massive texture with fine grained red spots.

**MINOR INTERVAL**
471.40 - 471.80: IMedium orangish red intrusion? with 40% irregular and chaotic pale grey qtz vein

**MINOR INTERVAL**
487.50 - 489.70: FPStrongly deformed and altered feldspar porphyry

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
483.00, 484.00, PYR, DIS, 5.00, -, VFG, 5% very fine grained diss. PY
484.00, 489.70, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained dissemianted PY

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123571 | 470.7 | 471.8 | 1.1 | 0.005 | | | | 2.80 |
| CAOND123572 | 471.8 | 473.0 | 1.2 | 0.035 | | | | 2.87 |
| CAOND123573 | 473.0 | 474.5 | 1.5 | 0.003 | | | | 2.89 |
| CAOND123574 | 474.5 | 476.0 | 1.5 | 0.020 | | | | 2.89 |
| CAOND123576 | 476.0 | 477.5 | 1.5 | 0.005 | | | | 2.85 |
| CAOND123577 | 477.5 | 479.0 | 1.5 | 0.009 | | | | 2.85 |
| CAOND123578 | 479.0 | 480.5 | 1.5 | 0.027 | | | | 2.84 |
| CAOND123579 | 480.5 | 482.0 | 1.5 | 0.035 | | | | 2.76 |
| CAOND123581 | 482.0 | 483.0 | 1.0 | 0.013 | | | | 2.79 |
| CAOND123582 | 483.0 | 484.0 | 1.0 | 0.205 | | | | 2.92 |
| CAOND123583 | 484.0 | 485.5 | 1.5 | 0.014 | | | | 2.84 |
| CAOND123584 | 485.5 | 486.5 | 1.0 | 0.019 | | | | 2.85 |
| CAOND123585 | 486.5 | 487.5 | 1.0 | 0.013 | | | | 2.84 |

**Hole number:** KLUC19-540

489.70, 490.30, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained diss. PY

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

483.00, 484.00, SER+, PAT, MOD, -, -, -, -

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

470.70, 479.00, BRR, WEAK, -, -, -, -, Weak broken/fractured core into irregular angular pieces
470.70, 483.00, BRC, MOD, -, -, -, -, Moderate to strongly brecciated? chaotic deformation
470.70, 483.00, DFZ, STRONG, -, -, -, -, Strong chaotic deformation and brecciation?
480.80, 481.20, FAL, MOD, -, -, -, -, 2x 1-2cm thick possible fault? crumbly, unlithified core with brittle fracturing
483.00, 486.00, FOL, MOD, 30.00, -, -, -, Moderate foliation at 30-40 TCA
483.00, 487.50, DFZ, MOD, -, -, -, -, Moderate to strong deformation dominantly parallel at 30-40 TCA
487.50, 489.70, DFZ, STRONG, -, -, -, -, Strong chaotic deformation

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

470.70, 471.00, QtzCbt, 5.00, -, -, -, -, -, -, -, -, -, 5% irregular and chaotic pale grey qtz-carb veins 5-2cm thick

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123586 | 487.5 | 488.8 | 1.3 | 0.010 | | | | 2.73 |
| CAOND123587 | 488.8 | 489.7 | 0.9 | 0.019 | | | | 2.72 |
| CAOND123588 | 489.7 | 490.3 | 0.6 | 0.419 | | | | 2.82 |

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 30.0 | 33.0 | 72.00 | 100.00 | | | N | |
| 33.0 | 36.0 | 33.00 | 100.00 | | | N | |
| 36.0 | 39.0 | 83.00 | 100.00 | | | N | |
| 39.0 | 42.0 | 85.00 | 100.00 | | | N | |
| 42.0 | 45.0 | 85.00 | 100.00 | | | N | |
| 45.0 | 48.0 | 77.00 | 100.00 | | | N | |
| 48.0 | 51.0 | 95.00 | 100.00 | | | N | |
| 51.0 | 54.0 | 85.00 | 100.00 | | | N | |
| 54.0 | 57.0 | 63.00 | 100.00 | | | N | |
| 57.0 | 60.0 | 52.00 | 100.00 | | | N | |
| 60.0 | 63.0 | 77.00 | 100.00 | | | N | |
| 63.0 | 66.0 | 65.00 | 100.00 | | | N | |

**Hole number:** KLUC19-540

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 66.0 | 69.0 | 93.00 | 100.00 | | | N | |
| 69.0 | 72.0 | 82.00 | 100.00 | | | N | |
| 72.0 | 75.0 | 57.00 | 100.00 | | | N | |
| 75.0 | 78.0 | 87.00 | 100.00 | | | N | |
| 78.0 | 81.0 | 90.00 | 100.00 | | | N | |
| 81.0 | 84.0 | 88.00 | 100.00 | | | N | |
| 84.0 | 87.0 | 70.00 | 100.00 | | | N | |
| 87.0 | 90.0 | 87.00 | 100.00 | | | N | |
| 90.0 | 93.0 | 90.00 | 100.00 | | | N | |
| 93.0 | 96.0 | 77.00 | 100.00 | | | N | |
| 96.0 | 99.0 | 23.00 | 100.00 | | | N | |
| 99.0 | 102.0 | 52.00 | 100.00 | | | N | |
| 102.0 | 105.0 | 82.00 | 100.00 | | | N | |
| 105.0 | 108.0 | 23.00 | 100.00 | | | N | |
| 108.0 | 111.0 | 87.00 | 100.00 | | | N | |
| 111.0 | 114.0 | 100.00 | 100.00 | | | N | |
| 114.0 | 117.0 | 100.00 | 100.00 | | | N | |
| 117.0 | 120.0 | 100.00 | 100.00 | | | N | |
| 120.0 | 123.0 | 100.00 | 100.00 | | | N | |
| 123.0 | 126.0 | 100.00 | 100.00 | | | N | |
| 126.0 | 129.0 | 100.00 | 100.00 | | | N | |
| 129.0 | 132.0 | 100.00 | 100.00 | | | N | |
| 132.0 | 135.0 | 100.00 | 100.00 | | | N | |
| 135.0 | 138.0 | 100.00 | 100.00 | | | N | |
| 138.0 | 141.0 | 100.00 | 100.00 | | | N | |
| 141.0 | 144.0 | 100.00 | 100.00 | | | N | |
| 144.0 | 147.0 | 100.00 | 100.00 | | | N | |
| 147.0 | 150.0 | 77.00 | 100.00 | | | N | |

**Hole number:** KLUC19-540

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 150.0 | 153.0 | 87.00 | 100.00 | | | N | |
| 153.0 | 156.0 | 83.00 | 100.00 | | | N | |
| 156.0 | 159.0 | 67.00 | 100.00 | | | N | |
| 159.0 | 162.0 | 60.00 | 100.00 | | | N | |
| 162.0 | 165.0 | 50.00 | 100.00 | | | N | |
| 165.0 | 168.0 | 50.00 | 100.00 | | | N | |
| 168.0 | 171.0 | 70.00 | 100.00 | | | N | |
| 171.0 | 174.0 | 100.00 | 100.00 | | | N | |
| 174.0 | 177.0 | 100.00 | 100.00 | | | N | |
| 177.0 | 180.0 | 100.00 | 100.00 | | | N | |
| 180.0 | 183.0 | 100.00 | 100.00 | | | N | |
| 183.0 | 186.0 | 100.00 | 100.00 | | | N | |
| 186.0 | 189.0 | 100.00 | 100.00 | | | N | |
| 189.0 | 192.0 | 100.00 | 100.00 | | | N | |
| 192.0 | 195.0 | 100.00 | 100.00 | | | N | |
| 195.0 | 198.0 | 100.00 | 100.00 | | | N | |
| 198.0 | 201.0 | 92.00 | 100.00 | | | N | |
| 201.0 | 204.0 | 100.00 | 100.00 | | | N | |
| 204.0 | 207.0 | 63.00 | 100.00 | | | N | |
| 207.0 | 210.0 | 93.00 | 100.00 | | | N | |
| 210.0 | 213.0 | 100.00 | 100.00 | | | N | |
| 213.0 | 216.0 | 97.00 | 100.00 | | | N | |
| 216.0 | 219.0 | 97.00 | 100.00 | | | N | |
| 219.0 | 222.0 | 98.00 | 100.00 | | | N | |
| 222.0 | 225.0 | 83.00 | 100.00 | | | N | |
| 225.0 | 228.0 | 90.00 | 100.00 | | | N | |
| 228.0 | 231.0 | 93.00 | 100.00 | | | N | |
| 231.0 | 234.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC19-540

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 234.0 | 237.0 | 77.00 | 100.00 | | | N | |
| 237.0 | 240.0 | 67.00 | 100.00 | | | N | |
| 240.0 | 243.0 | 87.00 | 100.00 | | | N | |
| 243.0 | 246.0 | 90.00 | 100.00 | | | N | |
| 246.0 | 249.0 | 87.00 | 100.00 | | | N | |
| 249.0 | 252.0 | 83.00 | 100.00 | | | N | |
| 252.0 | 255.0 | 83.00 | 100.00 | | | N | |
| 255.0 | 258.0 | 85.00 | 100.00 | | | N | |
| 258.0 | 261.0 | 100.00 | 100.00 | | | N | |
| 261.0 | 264.0 | 100.00 | 100.00 | | | N | |
| 264.0 | 267.0 | 100.00 | 100.00 | | | N | |
| 267.0 | 270.0 | 100.00 | 100.00 | | | N | |
| 270.0 | 273.0 | 95.00 | 100.00 | | | N | |
| 273.0 | 276.0 | 100.00 | 100.00 | | | N | |
| 276.0 | 279.0 | 93.00 | 100.00 | | | N | |
| 279.0 | 282.0 | 95.00 | 100.00 | | | N | |
| 282.0 | 285.0 | 100.00 | 100.00 | | | N | |
| 285.0 | 288.0 | 100.00 | 100.00 | | | N | |
| 288.0 | 291.0 | 100.00 | 100.00 | | | N | |
| 291.0 | 294.0 | 100.00 | 100.00 | | | N | |
| 294.0 | 297.0 | 100.00 | 100.00 | | | N | |
| 297.0 | 300.0 | 100.00 | 100.00 | | | N | |
| 300.0 | 303.0 | 100.00 | 100.00 | | | N | |
| 303.0 | 306.0 | 100.00 | 100.00 | | | N | |
| 306.0 | 309.0 | 100.00 | 100.00 | | | N | |
| 309.0 | 312.0 | 100.00 | 100.00 | | | N | |
| 312.0 | 315.0 | 100.00 | 100.00 | | | N | |
| 315.0 | 318.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC19-540

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 318.0 | 321.0 | 100.00 | 100.00 | | | N | |
| 321.0 | 324.0 | 100.00 | 100.00 | | | N | |
| 324.0 | 327.0 | 100.00 | 100.00 | | | N | |
| 327.0 | 330.0 | 100.00 | 100.00 | | | N | |
| 330.0 | 333.0 | 100.00 | 100.00 | | | N | |
| 333.0 | 336.0 | 100.00 | 100.00 | | | N | |
| 336.0 | 339.0 | 100.00 | 100.00 | | | N | |
| 339.0 | 342.0 | 90.00 | 100.00 | | | N | |
| 342.0 | 345.0 | 48.00 | 100.00 | | | N | |
| 345.0 | 348.0 | 100.00 | 100.00 | | | N | |
| 348.0 | 351.0 | 97.00 | 100.00 | | | N | |
| 351.0 | 354.0 | 100.00 | 100.00 | | | N | |
| 354.0 | 357.0 | 100.00 | 100.00 | | | N | |
| 357.0 | 360.0 | 100.00 | 100.00 | | | N | |
| 360.0 | 363.0 | 100.00 | 100.00 | | | N | |
| 363.0 | 366.0 | 87.00 | 100.00 | | | N | |
| 366.0 | 369.0 | 97.00 | 100.00 | | | N | |
| 369.0 | 372.0 | 100.00 | 100.00 | | | N | |
| 372.0 | 375.0 | 68.00 | 100.00 | | | N | |
| 375.0 | 378.0 | 73.00 | 100.00 | | | N | |
| 378.0 | 381.0 | 77.00 | 100.00 | | | N | |
| 381.0 | 384.0 | 83.00 | 100.00 | | | N | |
| 384.0 | 387.0 | 73.00 | 100.00 | | | N | |
| 387.0 | 390.0 | 100.00 | 100.00 | | | N | |
| 390.0 | 393.0 | 100.00 | 100.00 | | | N | |
| 393.0 | 396.0 | 100.00 | 100.00 | | | N | |
| 396.0 | 399.0 | 100.00 | 100.00 | | | N | |
| 399.0 | 402.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC19-540

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 402.0 | 405.0 | 100.00 | 100.00 | | | N | |
| 405.0 | 408.0 | 100.00 | 100.00 | | | N | |
| 408.0 | 411.0 | 100.00 | 100.00 | | | N | |
| 411.0 | 414.0 | 100.00 | 100.00 | | | N | |
| 414.0 | 417.0 | 100.00 | 100.00 | | | N | |
| 417.0 | 420.0 | 100.00 | 100.00 | | | N | |
| 420.0 | 423.0 | 100.00 | 100.00 | | | N | |
| 423.0 | 426.0 | 100.00 | 100.00 | | | N | |
| 426.0 | 429.0 | 100.00 | 100.00 | | | N | |
| 429.0 | 432.0 | 100.00 | 100.00 | | | N | |
| 432.0 | 435.0 | 78.00 | 100.00 | | | N | |
| 435.0 | 438.0 | 100.00 | 100.00 | | | N | |
| 438.0 | 441.0 | 100.00 | 100.00 | | | N | |
| 441.0 | 444.0 | 73.00 | 100.00 | | | N | |
| 444.0 | 447.0 | 100.00 | 100.00 | | | N | |
| 447.0 | 450.0 | 93.00 | 100.00 | | | N | |
| 450.0 | 453.0 | 100.00 | 100.00 | | | N | |
| 453.0 | 456.0 | 100.00 | 100.00 | | | N | |
| 456.0 | 459.0 | 93.00 | 100.00 | | | N | |
| 459.0 | 462.0 | 100.00 | 100.00 | | | N | |
| 462.0 | 465.0 | 90.00 | 100.00 | | | N | |
| 465.0 | 468.0 | 82.00 | 100.00 | | | N | |
| 468.0 | 471.0 | 72.00 | 100.00 | | | N | |
| 471.0 | 474.0 | 53.00 | 100.00 | | | N | |
| 474.0 | 477.0 | 42.00 | 100.00 | | | N | |
| 477.0 | 480.0 | 57.00 | 100.00 | | | N | |
| 480.0 | 483.0 | 68.00 | 100.00 | | | N | |
| 483.0 | 486.0 | 82.00 | 100.00 | | | N | |

**Hole number:** KLUC19-540

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 486.0 | 489.0 | 77.00 | 100.00 | | | N | |
| 489.0 | 490.3 | 69.00 | 100.00 | | | N | |

AGNICO EAGLE

# DRILL HOLE REPORT

## EXPLORATION CANADA ONTARIO

**Hole number:** KLUC19-541 **Project Number:** U_Canada **Project name:** Upper Canada

| | |
|---|---|
| **Historic hole number:** | |
| **System:** | METRIC |
| **Target:** | UC_NORTHLAND |
| **No. Claim:** | PAT-18822 |
| **Year:** | 2 019 |
| **Date started:** | 2019-05-14 |
| **Date logged:** | 2019-05-20 |
| **Date completed:** | 2019-05-15 |
| **Core size:** | NQ |
| **Hole type:** | EXP |
| **Casing:** | Left in Hole, capped |
| **Logging status:** | Signed |
| **Rig number:** | 2501 |

| | |
|---|---|
| **Collar survey:** | Y |
| **Verified:** | N |
| **Gas:** | N |
| **Multishot survey:** | N |
| **Is making water:** | N |
| **Object in hole:** | N |
| **Pulse EM survey:** | N |
| **Plugged:** | Y |
| **Cemented:** | Y |
| **Branch:** | N |
| **Reserve:** | N |

| | |
|---|---|
| **From:** | 0.0 |
| **To:** | 240.3 |
| **Depth:** | 240.3 |
| **Location:** | Surface |
| **Core storage:** | Mine Site |
| **Contractor:** | Asinii Drilling |
| **Logged by:** | Melanie Bouchard |
| **Signature:** | Mélanie Bouchard |

| | |
|---|---|
| **Coordinates:** | P |
| **Grid:** | UTM83-17_CSRS-2010: |
| **North:** | 5,332,669.52 |
| **East:** | 585,765.15 |
| **Elevation:** | 354.11 |
| **Collar dip:** | -45.47 |
| **Collar azimuth:** | 344.55 |

**Additional sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Proposed hole: UCP19-044. New and improved Asinii II drill Rig: 2501. Targeting: Northland east zone

**Assay average**

| Average type | From | To | Length | Width | Zone | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Pb_ppm | Ni_ppm | As_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WEIGHTED | 44.0 | 47.5 | 3.5 | | UC_N_LAND | 1.124 | | | | | | |
| WEIGHTED | 145.5 | 150.0 | 4.5 | | UC_N_LAND | 1.188 | | | | | | |
| WEIGHTED | 157.5 | 197.0 | 39.5 | | UC_N_LAND | 1.414 | | | | | | |
| WEIGHTED | 199.5 | 204.0 | 4.5 | | UC_N_LAND | 1.224 | | | | | | |
| WEIGHTED | 214.5 | 220.4 | 5.9 | | UC_N_LAND | 0.969 | | | | | | |

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 344.55 | -45.47 | S | O | Surveyed direction (az corrected true North) |
| 45.0 | 345.30 | -44.50 | EZ | O | 54729 |
| 105.0 | 346.00 | -44.10 | EZ | O | 55119 |
| 165.0 | 347.30 | -44.00 | EZ | O | 54054 |
| 240.0 | 346.30 | -43.80 | EZ | O | 54365 |
| 15.0 | 343.00 | -44.50 | EZ | O | 54972 |
| 75.0 | 346.70 | -44.40 | EZ | O | 54760 |
| 135.0 | 345.40 | -44.00 | EZ | O | 54915 |
| 195.0 | 347.70 | -44.00 | EZ | O | 54850 |

**Hole number:** KLUC19-541

| Certificate |
|---|
| TM19136213 |
| TM19136214 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505D19-030 | Excaon1D | CAOND123501 - CAOND123785 |

*The sample list may content samples from other holes

| Sample number | Standard |
|---|---|
| CAOND123590 | CDN-CM-28-AEM |
| CAOND123615 | CDN-CM-27-AEM |
| CAOND123620 | BLANK-DB |
| CAOND123630 | CDN-GS-5W |
| CAOND123645 | CDN-CM-28-AEM |
| CAOND123660 | CDN-CM-27-AEM |
| CAOND123670 | BLANK-DB |
| CAOND123675 | CDN-GS-5W |
| CAOND123690 | CDN-CM-28-AEM |
| CAOND123715 | CDN-CM-27-AEM |
| CAOND123720 | BLANK-DB |
| CAOND123730 | CDN-GS-5W |
| CAOND123745 | CDN-CM-28-AEM |
| CAOND123760 | CDN-CM-27-AEM |
| CAOND123770 | BLANK-DB |
| CAOND123775 | CDN-GS-5W |

**Major:** **From:** 0.00 **To:** 2.60 OVB, Overburden

Overburden / casing

**Major:** **From:** 2.60 **To:** 9.10 S1, CONGLOMÉRAT

Composition: Dominantly medium to dark red to purplish red with patches of dark greenish grey, fine grained matrix with randomly distributed variable shaped, sized, abundance and composition of pebbles; S1 - Conglomerate. Magnetism: Dominantly non magnetic with minor local moderate magnetism. Veinning: 1% 0.5cm thick parallel qtz-carb veinning. Structure: Moderately deformed with preferential alignment and flattening of pebbles and brittle microfracturing. Alteration: Variable. Mineralization: 3-5% very fine grained PY dominantly disseminated but locally clustered. Lower Contact: Sharp and relatively straight; oriented at 70 TCA.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

2.60, 9.10, PYR, DIS, 5.00, -, VFG, 5% very fine grained dissemianted PY and locally clustered

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

2.60, 9.10, DFZ, MOD, -, -, -, -, Moderate deformation with preferential alignment and flattening of pebbles and brittle microfracturing

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123589 | 2.6 | 4.0 | 1.4 | 0.045 | | | | 2.70 |
| CAOND123591 | 4.0 | 5.5 | 1.5 | 0.083 | | | | 2.70 |
| CAOND123592 | 5.5 | 7.0 | 1.5 | 0.039 | | | | 2.72 |
| CAOND123593 | 7.0 | 8.5 | 1.5 | 0.088 | | | | 2.67 |
| CAOND123594 | 8.5 | 9.1 | 0.6 | 0.094 | | | | 2.82 |

**Hole number:** KLUC19-541

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
7.00, 8.50, QtzCbt, 3.00, -, -, -, -, -, -, -, -, -, 3% parallel qtz-carb veinning 0.1-0.5cm thick oriented at 40 TCA

**Major:** **From:** 9.10 **To:** 36.50 V8Gs, Trachyte green spotted

Amp-Porph intrusive Composition: Dark purple very fine grained matrix with 10-15% subhedral, elongate, very fine grained amphibole crystals, porphyritic texture; V8Gs - Trachyte green spotted. Magnetism: Moderately magnetic. Veinning: 1-2% mm scale irregular calcite veinning. Structure: Undeformed. Alteration: Local weak spotted epidote alteration, moderate pervasive calcite alteration. Mineralization: 8-10% very fine grained disseminated PY. Lower Contact: Sharp but irregular.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
9.10, 36.50, PYR, DIS, 10.00, -, VFG, 10% very fine grained disseminated PY

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
9.10, 13.00, HEM+, PEN, MOD, -, -, -, Moderate dark reddish alteration
9.10, 36.50, CAL+, PEN, MOD, -, -, -, Moderate pervasive calcite alteration
13.00, 36.50, HEM+, PEN, WEAK, -, -, -, Rare to weak dark reddish alteration
22.00, 28.00, EPD+, SPO, WEAK, -, -, -, 0.5-1% fine grained Ep spots

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
9.10, 12.00, QtzCbt, 2.00, -, -, -, -, -, -, -, -, -, 2% irregular and discontinuous qtz-carb veinning
35.00, 35.10, FSP, 90.00, -, -, -, -, -, -, -, PYR, 15.00, 10cm thick medium pink feldspar vein? with numerous parallel fracture filled PY 1-2cm thic

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123595 | 9.1 | 10.5 | 1.4 | 0.284 | | | | 2.80 |
| CAOND123596 | 10.5 | 12.0 | 1.5 | 0.128 | | | | 2.77 |
| CAOND123597 | 12.0 | 13.5 | 1.5 | 0.277 | | | | 2.77 |
| CAOND123598 | 13.5 | 15.0 | 1.5 | 0.221 | | | | 2.79 |
| CAOND123599 | 15.0 | 16.5 | 1.5 | 0.154 | | | | 2.77 |
| CAOND123601 | 16.5 | 18.0 | 1.5 | 0.107 | | | | 2.78 |
| CAOND123602 | 18.0 | 19.5 | 1.5 | 0.472 | | | | 2.79 |
| CAOND123603 | 19.5 | 21.0 | 1.5 | 0.725 | | | | 2.81 |
| CAOND123604 | 21.0 | 22.5 | 1.5 | 0.320 | | | | 2.84 |
| CAOND123605 | 22.5 | 24.0 | 1.5 | 0.343 | | | | 2.85 |
| CAOND123606 | 24.0 | 25.5 | 1.5 | 0.063 | | | | 2.84 |
| CAOND123607 | 25.5 | 27.0 | 1.5 | 0.231 | | | | 2.85 |
| CAOND123608 | 27.0 | 28.5 | 1.5 | 0.315 | | | | 2.84 |
| CAOND123609 | 28.5 | 30.0 | 1.5 | 0.164 | | | | 2.83 |
| CAOND123610 | 30.0 | 31.5 | 1.5 | 0.056 | | | | 2.83 |
| CAOND123611 | 31.5 | 33.0 | 1.5 | 0.038 | | | | 2.83 |
| CAOND123612 | 33.0 | 34.5 | 1.5 | 0.053 | | | | 2.79 |
| CAOND123613 | 34.5 | 35.5 | 1.0 | 0.294 | | | | 2.79 |
| CAOND123614 | 35.5 | 36.5 | 1.0 | 0.147 | | | | 2.79 |

**Major:** **From:** 36.50 **To:** 48.60 I2Dmp, Syenite mafic porphyryitic

Mixed Amp-fspar porph intrusive Composition: Dark purplish red with minor medium pinkish very fine grained matrix, 3-5% fine grained subhedral feldspar phenocrysts and 5-8% very fine and fine grained amp phenocrysts, porphyritic texutre; I2Dmp - Syenite mafic porphyry. Magnetism: Strongly magnetic. Veinning: 1% mm scale irregular calcite veinlets. Structure: Undeformed. Alteration: Moderate pervasive calcite alteration. Mineralization: 3-5% very fine grained disseminated PY, locally clustered medium grained PY occuring in fractures. Lower Contact: Sharp and irregular, trending at 90 TCA.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
36.50, 48.60, PYR, DIS, 3.00, -, VFG, 3-5% very fine grained dissemianted PY

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123616 | 36.5 | 38.0 | 1.5 | 0.716 | | | | 2.76 |
| CAOND123617 | 38.0 | 39.5 | 1.5 | 0.359 | | | | 2.77 |
| CAOND123618 | 39.5 | 41.0 | 1.5 | 0.579 | | | | 2.74 |
| CAOND123619 | 41.0 | 42.5 | 1.5 | 0.389 | | | | 2.74 |
| CAOND123621 | 42.5 | 44.0 | 1.5 | 0.364 | | | | 2.75 |
| CAOND123622 | 44.0 | 45.5 | 1.5 | 1.410 | | | | 2.73 |
| CAOND123623 | 45.5 | 46.5 | 1.0 | 1.165 | | | | 2.73 |
| CAOND123624 | 46.5 | 47.5 | 1.0 | 0.655 | | | | 2.76 |

**Hole number:** KLUC19-541

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
36.50, 48.60, CAL+, PEN, MOD, -, -, -, Moderate pervasive calcite

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS
38.80, 38.90, PYR, 20.00, -, -, -, -, -, -, -, PYR, 20.00, 20-25% fine to medium grained pyrite occuring in numerous irregular fractures over an 8cm thick interval

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123626 | 47.5 | 48.6 | 1.1 | 0.309 | | | | 2.74 |

**Major:** **From:** 48.60 **To:** 55.80 I2Dp, Porphyritic Syenite

Fspar porph intrusive Composition: Medium pink, medium pinkish grey and medium orangish red, only feldspar phenocrysts, poprhyritic texutre; I2Dp - Syenite porphyry. Magnetism: Non magnetic. Veinning: 1% qtz-cal veinning and 1-2% mm scale fracture filling calcite veinlets. Structure: Undeformed with weak microfracturing. Alteration: Weak pervasive calcite alteration and weak to moderate kspar alteration. Mineralization: 10% very fine grained dissemianted Py. Lower Contact: Sharp and relatively straight oriented at 40 TCA.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
48.60, 55.80, PYR, DIS, 15.00, -, VFG, 15% very fine grained disseminated PY

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
48.60, 55.80, CAL+, PEN, WEAK, -, -, -, Weak pervasive calcite
48.60, 55.80, KFS+, PEN, MOD, -, -, -, Alternating intervals of weak and moderate kspar alteration

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS
51.00, 52.00, QTZ_2, 3.00, -, -, -, -, -, -, -, -, -, 3% irregular qtz-cal veinning
52.80, 52.90, PYR, 1.00, -, -, -, -, -, -, PYR, 95.00, 1-2mm thick pyrite filled fracture

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123627 | 48.6 | 50.0 | 1.4 | 0.878 | | | | 2.69 |
| CAOND123628 | 50.0 | 51.0 | 1.0 | 0.274 | | | | 2.69 |
| CAOND123629 | 51.0 | 52.0 | 1.0 | 0.231 | | | | 2.70 |
| CAOND123631 | 52.0 | 53.5 | 1.5 | 0.633 | | | | 2.70 |
| CAOND123632 | 53.5 | 55.0 | 1.5 | 0.241 | | | | 2.70 |
| CAOND123633 | 55.0 | 55.8 | 0.8 | 0.136 | | | | 2.69 |

**Major:** **From:** 55.80 **To:** 86.50 V8Gs, Trachyte green spotted

Amp-Porph intrusive Composition: Dark purple very fine grained matrix with 5-10% subhedral, elongate, very fine to fine grained amphibole crystals, porphyritic texture; V8Gs - Trachyte green spotted. Magnetism: Moderate to strongly magnetic. Veinning: 2-3% chaotic microfracture filling calcite veinlets. Structure: Undeformed. Alteration: Weak medium grained epidote spots locally at margins of fractures. Mineralization: 2-3% fine grained disseminated PY, locally occuring in Ep spots. Lower Contact: Relatively sharp and irregular.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
55.80, 85.00, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained disseminated PY
85.00, 86.50, PYR, DIS, 5.00, -, MGR, 5% fine and medium grained PY clustered in whispy calcite veins

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123634 | 55.8 | 57.0 | 1.2 | 0.164 | | | | 2.80 |
| CAOND123635 | 57.0 | 58.5 | 1.5 | 0.158 | | | | 2.79 |
| CAOND123636 | 58.5 | 60.0 | 1.5 | 0.085 | | | | 2.82 |
| CAOND123637 | 60.0 | 61.5 | 1.5 | 0.232 | | | | 2.84 |
| CAOND123638 | 61.5 | 63.0 | 1.5 | 0.088 | | | | 2.83 |
| CAOND123639 | 63.0 | 64.5 | 1.5 | 0.130 | | | | 2.84 |
| CAOND123640 | 64.5 | 66.0 | 1.5 | 0.287 | | | | 2.86 |

**Hole number:** KLUC19-541

and disseminated in margins

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

55.80, 70.00, EPD+, SPO, WEAK, -, -, -, Weak medium grained spots of epidote, locally occuring in margins of fractures.

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS

76.00, 76.50, QTZ, 50.00, -, -, -, -, -, -, -, -, -, 5cm thick qtz-cal-chl vein with irregular contacts trending at 50 TCA.

79.00, 86.50, CAL, 8.00, -, -, -, -, -, -, -, PYR, 2.00, 8% irregular, whispy and discontinous calcite veinlets with 2% clustered PY locally

81.50, 84.00, QTZ_2, 5.00, -, -, -, -, -, -, -, -, -, 5% irregular qtz-cal-chl vein dominantly 1 irregular vein occuring over 30cm thick interval, irregular and chaotic veins less than 1cm also observed

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123641 | 66.0 | 67.5 | 1.5 | 0.260 | | | | 2.83 |
| CAOND123642 | 67.5 | 69.0 | 1.5 | 0.449 | | | | 2.84 |
| CAOND123643 | 69.0 | 70.5 | 1.5 | 0.294 | | | | 2.83 |
| CAOND123644 | 70.5 | 72.0 | 1.5 | 0.423 | | | | 2.82 |
| CAOND123646 | 72.0 | 73.5 | 1.5 | 0.566 | | | | 2.81 |
| CAOND123647 | 73.5 | 75.0 | 1.5 | 0.321 | | | | 2.30 |
| CAOND123648 | 75.0 | 76.5 | 1.5 | 0.253 | | | | 2.85 |
| CAOND123649 | 76.5 | 78.0 | 1.5 | 0.255 | | | | 2.77 |
| CAOND123651 | 78.0 | 79.5 | 1.5 | 0.129 | | | | 2.78 |
| CAOND123652 | 79.5 | 81.0 | 1.5 | 0.089 | | | | 2.67 |
| CAOND123653 | 81.0 | 82.5 | 1.5 | 0.390 | | | | 2.78 |
| CAOND123654 | 82.5 | 84.0 | 1.5 | 0.259 | | | | 2.78 |
| CAOND123655 | 84.0 | 85.0 | 1.0 | 0.189 | | | | 2.80 |
| CAOND123656 | 85.0 | 86.5 | 1.5 | 0.519 | | | | 2.83 |

**Major:** **From:** 86.50 **To:** 95.80 I2D, Syénite

Possibly similar to Amp-Porph intrusive? Composition: Dark purplish grey and greenish grey, fine grained, massive texture; I2D - Syenite. Magnetism: Non magnetic. Veinning: 10-15% whispy and discontinous calcite veinlets. Structure: Weak preferential alignment of calcite veinlets. Alteration: Moderate to strong calcite alteration. Mineralization: 2-3% very fine and fine grained disseminated PY. Lower Contact: Sharp and straight; oriented at 50 TCA.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

86.50, 95.80, PYR, DIS, 10.00, -, VFG, 2-3% very fine grained disseminated PY

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

86.50, 95.80, DFZ, WEAK, -, -, -, -, -

86.50, 95.80, FOL, WEAK, 40.00, -, -, -, Weak foliation defined by preferential alignment of calicte vienelts

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS

86.50, 95.80, CAL, 10.00, -, -, -, -, -, -, -, -, -, 10-15% irregular, whispy and discontinuous calcite veinlets

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123657 | 86.5 | 88.0 | 1.5 | 0.077 | | | | 2.66 |
| CAOND123658 | 88.0 | 89.5 | 1.5 | 0.212 | | | | 2.76 |
| CAOND123659 | 89.5 | 91.0 | 1.5 | 0.293 | | | | 2.80 |
| CAOND123661 | 91.0 | 92.5 | 1.5 | 0.143 | | | | 2.77 |
| CAOND123662 | 92.5 | 94.0 | 1.5 | 0.029 | | | | 2.78 |
| CAOND123663 | 94.0 | 95.0 | 1.0 | 0.086 | | | | 2.77 |
| CAOND123664 | 95.0 | 95.8 | 0.8 | 0.094 | | | | 2.75 |

## Hole number: KLUC19-541

**Major:** **From:** 95.80 **To:** 99.10 I2Dp, Porphyritic Syenite

Fspar porph intrusive. Composition: Dark purplish red, feldspar phenocrysts dominant, porphyritic texture; I2Dp - syenite porphyry. Magnetism: Moderately magnetic. Veinning: Less than 1% mm scale calcite veinlets. Structure: Moderate parallel deformation at 40 TCA. Alteration: Weak pervasive kspar? and weak pervasive calcite. Mineralization: 1-2% very fine grained disseminated PY. Lower Contact: Sharp? Boken at contact.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

95.80, 99.10, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated PY

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

95.80, 99.10, DFZ, MOD, 40.00, -, -, -, -

95.80, 99.10, FOL, MOD, 40.00, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123665 | 95.8 | 97.0 | 1.2 | 0.067 | | | | 2.70 |
| CAOND123666 | 97.0 | 98.0 | 1.0 | 0.041 | | | | 2.71 |
| CAOND123667 | 98.0 | 99.1 | 1.1 | 0.081 | | | | 2.70 |

**Major:** **From:** 99.10 **To:** 101.40 I2Dmp, Syenite mafic porphyryitic

Mixed Amp-fspar porph intrusive Composition: Dark purplish red with minor medium pinkish very fine grained matrix, 3-5% fine grained subhedral feldspar phenocrysts and 5-8% very fine and fine grained amp phenocrysts, 1-2% medium and coarse grained mafic xenoliths, porphyritic texutre; I2Dmp - Syenite mafic porphyry. Magnetism: Strongly magnetic. Veinning: 2-3% mm scale whispy and discontinuous calcite veinlets. Structure: Weak deformation and preferential alignment. Alteration: Moderate pervasive calcite alteration. Mineralization: 2-3% very fine grained disseminated PY. Lower Contact: Sharp and irregular but broken core.

**MINOR INTERVAL**

100.80 - 101.10: I4P20cm thick kimberlite with sharp and irregular contacts.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

99.10, 101.40, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained disseminated PY

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

99.10, 101.40, DFZ, WEAK, 40.00, -, -, -, -

99.10, 101.40, FOL, WEAK, 40.00, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123668 | 99.1 | 100.5 | 1.4 | 0.184 | | | | 2.74 |
| CAOND123669 | 100.5 | 101.4 | 0.9 | 0.092 | | | | 2.69 |

**Major:** **From:** 101.40 **To:** 102.50 I2Dm, Mafic Syenite

Composition: Dark gren with white wavy whisps, fine grained and massive, possible clusters of amp phenocrysts observed locally; I2Dm - Mafic Syenite? Magnetism: Moderately magnetic. Veinning: 1-2% 0.5cm thick qtz-cal veins parallel to deformation. Structure: Moderate deformation and preferential alignment of calcite. Alteration: Moderate to strong pervasive chlorite and moderate to strong patchy calcite alteration. Mineralization: None observed. Lower Contact: Sharp but wavy; trending at 50 TCA.

**ALTERATION**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123671 | 101.4 | 102.5 | 1.1 | 0.020 | | | | 2.79 |

**Hole number:** KLUC19-541

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
101.40, 102.50, CAL+, STG, MOD, -, -, -, Moderate irregular, wavy whispy calcite
101.40, 102.50, CHL+, PEN, MOD, -, -, -, Moderate pervasive chlorite alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
101.40, 102.50, DFZ, MOD, -, -, -, -, Moderate parallel deformation with no prefered orientation

**Major:** **From:** 102.50 **To:** 111.00 V8Gs, Trachyte green spotted

Amp-Porph intrusive Composition: Dark purple very fine grained matrix with 5-10% subhedral, elongate, very fine to fine grained amphibole crystals, porphyritic texture; V8Gs - Trachyte green spotted. Magnetism: Non magnetic gradually increasing to strongly magnetic. Veinning: 1% chaotic microfracture filling calcite veinlets. Structure: Undeformed. Alteration: Weak pervasive calcite alteration. Mineralization: 10% very fine grained disseminated PY over 2m at upper contact and 2-3% very fine grained disseminated Py throughout. Lower Contact: Gradational, contact placed where fspar phenocrysts are observed.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
102.50, 105.00, PYR, DIS, 10.00, -, VFG, 10% very fine grained disseminated PY
105.00, 111.00, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained disseminated PY

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
102.50, 111.00, CAL+, PEN, WEAK, -, -, -, Weak to moderate pervasive calcite alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123672 | 102.5 | 104.0 | 1.5 | 0.394 | | | | 2.74 |
| CAOND123673 | 104.0 | 105.5 | 1.5 | 0.541 | | | | 2.77 |
| CAOND123674 | 105.5 | 107.0 | 1.5 | 0.219 | | | | 2.76 |
| CAOND123676 | 107.0 | 108.5 | 1.5 | 0.302 | | | | 2.74 |
| CAOND123677 | 108.5 | 110.0 | 1.5 | 0.428 | | | | 2.76 |
| CAOND123678 | 110.0 | 111.0 | 1.0 | 0.201 | | | | 2.76 |

**Major:** **From:** 111.00 **To:** 134.90 I2Dmp, Syenite mafic porphyryitic

Mixed Amp-fspar porph intrusive Composition: Dark purplish red, very fine grained and massive matrix, 3-5% fine grained subhedral feldspar phenocrysts and 5-8% very fine and fine grained amp phenocrysts, porphyritic texutre; I2Dmp - Syenite mafic porphyry. Magnetism: Moderately magnetic. Veinning: 1-2% mm scale irregular, fracture filling calcite veinlets. Structure: Undeformed. Alteration: Moderate pervasive calcite alteration, weak pervasive reddish hem? and local moderate spotted epidote alteration. Mineralization: 2-3% very fine grained disseminated PY throughout, locally clustered in fractures. Lower Contact: Sharp but irregular.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
111.00, 134.90, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained disseminated PY

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
111.00, 118.00, HEM+, PEN, WEAK, -, -, -, -
118.00, 122.00, EPD+, SPO, WEAK, -, -, -, -
122.00, 134.90, HEM+, PEN, WEAK, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123679 | 111.0 | 112.5 | 1.5 | 0.197 | | | | 2.79 |
| CAOND123681 | 112.5 | 114.0 | 1.5 | 0.132 | | | | 2.80 |
| CAOND123682 | 114.0 | 115.5 | 1.5 | 0.127 | | | | 2.80 |
| CAOND123683 | 115.5 | 117.0 | 1.5 | 0.181 | | | | 2.79 |
| CAOND123684 | 117.0 | 118.5 | 1.5 | 0.202 | | | | 2.79 |
| CAOND123685 | 118.5 | 120.0 | 1.5 | 0.353 | | | | 2.80 |
| CAOND123686 | 120.0 | 121.5 | 1.5 | 0.073 | | | | 2.81 |
| CAOND123687 | 121.5 | 123.0 | 1.5 | 0.089 | | | | 2.80 |
| CAOND123688 | 123.0 | 124.5 | 1.5 | 0.274 | | | | 2.80 |
| CAOND123689 | 124.5 | 126.0 | 1.5 | 0.103 | | | | 2.80 |
| CAOND123691 | 126.0 | 127.5 | 1.5 | 0.156 | | | | 2.80 |
| CAOND123692 | 127.5 | 129.0 | 1.5 | 0.342 | | | | 2.80 |
| CAOND123693 | 129.0 | 130.5 | 1.5 | 0.333 | | | | 2.79 |

## Hole number: KLUC19-541

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

134.80, 134.90, PYR, 20.00, -, -, -, -, -, -, -, PYR, 20.00, 10cm thick interval with medium grained py occuring in microfractures with moderate kspar altered margins

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123694 | 130.5 | 132.0 | 1.5 | 0.547 | | | | 2.77 |
| CAOND123695 | 132.0 | 133.5 | 1.5 | 0.280 | | | | 2.76 |
| CAOND123696 | 133.5 | 134.9 | 1.4 | 0.209 | | | | 2.77 |

**Major: From:** 134.90 **To:** 144.40 S1, CONGLOMÉRAT

Composition: Dominantly various shades of pinks and purple with minor various other colours of pebbles; fine grained, equigranlar and massive matrix with randomly distributed variable shaped, sized, abundance and composition of pebbles, dominantly rounded to subrounded, pebble supported; S1 - Conglomerate. Magnetism: Dominantly non magnetic with minor local strong magnetism. Veinning: 0.5% irregular and discontinuous calcite filled microfractures. Structure: Undeformed. Alteration: Variable. Mineralization: 3-5% very fine grained PY dominantly disseminated in matrix but locally rimming pebbles. Lower Contact: Sharp and straight; oriented at 50 TCA.

**MINOR INTERVAL**

135.60 - 136.80: SMedium purplish pink, fien grained, equigranular and massive sediment bed within conglomerate unit.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

134.90, 144.40, PYR, DIS, 3.00, -, VFG, 3-5% very fine grained dissemianted PY

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123697 | 134.9 | 135.6 | 0.7 | 0.045 | | | | 2.74 |
| CAOND123698 | 135.6 | 136.8 | 1.2 | 0.049 | | | | 2.69 |
| CAOND123699 | 136.8 | 138.0 | 1.2 | 0.273 | | | | 2.72 |
| CAOND123701 | 138.0 | 139.5 | 1.5 | 0.052 | | | | 2.70 |
| CAOND123702 | 139.5 | 141.0 | 1.5 | 0.075 | | | | 2.71 |
| CAOND123703 | 141.0 | 142.5 | 1.5 | 0.072 | | | | 2.72 |
| CAOND123704 | 142.5 | 143.5 | 1.0 | 0.069 | | | | 2.72 |
| CAOND123705 | 143.5 | 144.4 | 0.9 | 0.120 | | | | 2.73 |

**Major: From:** 144.40 **To:** 172.60 V8Gs, Trachyte green spotted

Amp-Porph intrusive Composition: Dark reddish and purplish very fine grained matrix with medium yellowish green spots, 10% fine grained, euhdral to subhedral and locally elongate amp phenocrysts, porphyritic texture; V8Gs - Trachyte greenspotted. Magnetism: Strongly magnetic. Veinning: 2-3% mm scale fracture filled calcite, qtz-cal and qtz-cal-chl veinning. 1% 0.5cm thick PY dominant veins. Structure: Undeformed. Alteration: Weak to locally moderate spotted epidote alteration. Mineralization: 1-3% very fine grained disseminated PY. Lower Contact: Sharp, slightly irregular, trending at 90 TCA.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

144.40, 147.00, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained disseminated PY
147.00, 150.00, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated PY
150.00, 154.00, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained disseminated PY
154.00, 170.00, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated PY
170.00, 172.60, PYR, DIS, 3.00, -, VFG, 2-3% very fine grained disseminated PY

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

147.00, 154.00, EPD+, SPO, MOD, -, -, -, Moderate fine grained spots of epidote alteration, locally observed as irregular patches in margins of fractures.
156.00, 172.60, EPD+, SPO, MOD, -, -, -, Moderate fine grained spots of epidote alteration, locally observed as irregular patches in margins of fractures.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123706 | 144.4 | 145.5 | 1.1 | 0.364 | | | | 2.82 |
| CAOND123707 | 145.5 | 147.0 | 1.5 | 2.100 | | | | 2.80 |
| CAOND123708 | 147.0 | 148.5 | 1.5 | 0.464 | | | | 2.84 |
| CAOND123709 | 148.5 | 150.0 | 1.5 | 1.000 | | | | 2.86 |
| CAOND123710 | 150.0 | 151.0 | 1.0 | 0.192 | | | | 2.86 |
| CAOND123711 | 151.0 | 152.0 | 1.0 | 0.382 | | | | 2.87 |
| CAOND123712 | 152.0 | 153.0 | 1.0 | 0.609 | | | | 2.88 |
| CAOND123713 | 153.0 | 154.5 | 1.5 | 0.769 | | | | 2.87 |
| CAOND123714 | 154.5 | 156.0 | 1.5 | 0.308 | | | | 2.85 |
| CAOND123716 | 156.0 | 157.5 | 1.5 | 0.264 | | | | 2.89 |
| CAOND123717 | 157.5 | 159.0 | 1.5 | 0.679 | | | | 2.88 |
| CAOND123718 | 159.0 | 160.5 | 1.5 | 2.110 | | | | 2.87 |
| CAOND123719 | 160.5 | 162.0 | 1.5 | 1.795 | | | | 2.86 |
| CAOND123721 | 162.0 | 163.5 | 1.5 | 1.785 | | | | 2.86 |
| CAOND123722 | 163.5 | 165.0 | 1.5 | 1.145 | | | | 2.85 |

## Hole number: KLUC19-541

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
152.40, 152.50, PYR, 10.00, -, -, -, -, -, -, -, PYR, 95.00, 1cm thick fine and medium grained PY vein?
164.40, 165.50, CAL, 5.00, -, -, -, -, -, -, -, PYR, 50.00, 0.5cm thick cal-py vein
172.20, 172.30, CAL, 10.00, -, -, -, -, -, -, -, PYR, 30.00, 1cm thick interval with irregular calcite vein with 30% clustered PY

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123723 | 165.0 | 166.5 | 1.5 | 0.477 | | | | 2.87 |
| CAOND123724 | 166.5 | 168.0 | 1.5 | 0.994 | | | | 2.84 |
| CAOND123726 | 168.0 | 169.5 | 1.5 | 1.950 | | | | 2.85 |
| CAOND123727 | 169.5 | 171.0 | 1.5 | 0.381 | | | | 2.85 |
| CAOND123728 | 171.0 | 172.0 | 1.0 | 0.313 | | | | 2.87 |
| CAOND123729 | 172.0 | 172.6 | 0.6 | 1.740 | | | | 2.90 |

**Major:** **From:** 172.60 **To:** 193.00 I2Dmp, Syenite mafic porphyritic

Mixed Amp-fspar porph intrusive Composition: Dark purplish grey, very fine grained and massive matrix, 1-3% fine grained subhedral feldspar phenocrysts and 1-3% very fine and fine grained amphibole phenocrysts, porphyritic texutre; I2Dmp - Syenite mafic porphyry. Magnetism: Moderately magnetic. Veinning: Less than 1% mm scale irregular, fracture filling calcite veinlets. Structure: Undeformed. Alteration: Moderate pervasive calcite alteration. Mineralization: 2-3% very fine grained PY occuring in microfractures and 1-2% local random clusters medium to coarse grained PY. Lower Contact: Sharp and oriented at 80 TCA.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
172.60, 174.00, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained disseminated PY
174.00, 181.00, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated PY
174.00, 181.00, PYR, STG, 2.00, -, VFG, 2-3% PY occuring in microfractures
181.00, 188.00, PYR, PAT, 2.00, -, MGR, 2-3% medium to coarse grained PY occuring as irregular and random clusters
188.00, 193.00, PYR, STG, 2.00, -, VFG, 2-3% pyrite occuring in microfractures
188.00, 193.00, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained disseminated PY

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
172.60, 193.00, CAL+, PEN, MOD, -, -, -, -

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
179.90, 181.10, PYR, 20.00, -, -, -, -, -, -, -, PYR, 20.00, 20% irregular pyrite dominant filled fractures

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123731 | 172.6 | 174.0 | 1.4 | 1.455 | | | | 2.82 |
| CAOND123732 | 174.0 | 175.5 | 1.5 | 0.463 | | | | 2.81 |
| CAOND123733 | 175.5 | 177.0 | 1.5 | 3.410 | | | | 2.77 |
| CAOND123734 | 177.0 | 178.5 | 1.5 | 0.406 | | | | 2.80 |
| CAOND123735 | 178.5 | 180.0 | 1.5 | 0.929 | | | | 2.81 |
| CAOND123736 | 180.0 | 181.5 | 1.5 | 5.530 | | | | 2.80 |
| CAOND123737 | 181.5 | 183.0 | 1.5 | 2.060 | | | | 2.74 |
| CAOND123738 | 183.0 | 184.0 | 1.0 | 0.705 | | | | 2.80 |
| CAOND123739 | 184.0 | 185.5 | 1.5 | 1.135 | | | | 2.76 |
| CAOND123740 | 185.5 | 187.0 | 1.5 | 1.265 | | | | 2.79 |
| CAOND123741 | 187.0 | 188.5 | 1.5 | 2.240 | | | | 2.79 |
| CAOND123742 | 188.5 | 190.0 | 1.5 | 1.090 | | | | 2.82 |
| CAOND123743 | 190.0 | 191.0 | 1.0 | 1.675 | | | | 2.81 |
| CAOND123744 | 191.0 | 192.0 | 1.0 | 1.745 | | | | 2.80 |
| CAOND123746 | 192.0 | 193.0 | 1.0 | 0.627 | | | | 2.82 |

**Major:** **From:** 193.00 **To:** 194.30 I2Dp, Porphyritic Syenite

Fspar porph intrusive. Composition: Dark reddish very fine grained matrix with 25-30% fine and medium grained feldspar phenocrysts, porphyritic texture; I2Dp - syenite porphyry. Magnetism: Moderately magnetic. Veinning: Less than 1% mm scale calcite veinlets. Structure: Undeformed. Alteration: Weak pervasive kspar? and weak pervasive calcite. Mineralization: 2-3% very fine grained disseminated PY and fine grained randomly clustered PY Lower Contact: Sharp and irregular.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123747 | 193.0 | 194.3 | 1.3 | 1.085 | | | | 2.73 |

**Hole number:** KLUC19-541

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
193.00, 194.30, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained disseminated PY and random fine grained clusters

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS
193.30, 193.40, PYR, 40.00, -, -, -, -, -, -, -, PYR, 90.00, 4cm thick vein with 95% Pyrite and 5% calcite, 0.5cm thick hem alteration haloe at contact

**Major:** **From:** 194.30 **To:** 220.40 I2Dmp, Syenite mafic porphyryitic

Mixed Amp-fspar porph intrusive Composition: Dark purplish grey, very fine grained and massive matrix, 1-3% fine grained subhedral feldspar phenocrysts and 1-3% very fine and fine grained amphibole phenocrysts, porphyritic texutre; I2Dmp - Syenite mafic porphyry. Magnetism: Moderately magnetic. Veinning: Less than 1% mm scale irregular, fracture filling calcite veinlets. Structure: Undeformed. Alteration: Moderate pervasive calcite alteration. Mineralization: 2-3% very fine grained PY occuring in microfractures and 1-2% local random clusters medium to coarse grained PY. Lower Contact: Gradational, contact placed where fspar phenocrysts are no longer observed.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
194.30, 204.00, PYR, PAT, 3.00, -, MGR, 3-5% medium and coarse grained random clusters of PY dominantly occuring in calcite veinlets
204.00, 207.00, PYR, DIS, 3.00, -, VFG, 3-5% very fine grained dissemianted PY
207.00, 220.40, PYR, STG, 3.00, -, VFG, 3-5% very fine to coarse grained Py occuring in fractures
207.00, 220.40, PYR, DIS, 5.00, -, VFG, 5% very fine grained dissemianted PY

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
194.30, 220.40, HEM+, PAT, WEAK, -, -, -, -

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS
200.00, 200.20, PYR, 15.00, -, -, -, -, -, -, -, CPY, 5.00, random patches of py and cp occuring in calcite filled fractures
201.00, 201.50, QtzCalChl, 15.00, -, -, -, -, -, -, -, -, -, 15% irregular qtz-cal-chl vein
210.00, 210.10, PYR, 10.00, -, -, -, -, -, -, -, PYR, 90.00, 1cm thick irregular vein filled with 90% fine grained PY

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123748 | 194.3 | 195.5 | 1.2 | 0.332 | | | | 2.78 |
| CAOND123749 | 195.5 | 197.0 | 1.5 | 0.744 | | | | 2.77 |
| CAOND123751 | 197.0 | 198.5 | 1.5 | 0.173 | | | | 2.77 |
| CAOND123752 | 198.5 | 199.5 | 1.0 | 0.163 | | | | 2.74 |
| CAOND123753 | 199.5 | 201.0 | 1.5 | 1.960 | | | | 2.78 |
| CAOND123754 | 201.0 | 202.5 | 1.5 | 1.005 | | | | 2.76 |
| CAOND123755 | 202.5 | 204.0 | 1.5 | 0.708 | | | | 2.77 |
| CAOND123756 | 204.0 | 205.5 | 1.5 | 0.561 | | | | 2.86 |
| CAOND123757 | 205.5 | 207.0 | 1.5 | 0.526 | | | | 2.81 |
| CAOND123758 | 207.0 | 208.5 | 1.5 | 0.570 | | | | 2.82 |
| CAOND123759 | 208.5 | 210.0 | 1.5 | 0.577 | | | | 2.81 |
| CAOND123761 | 210.0 | 211.5 | 1.5 | 0.798 | | | | 2.82 |
| CAOND123762 | 211.5 | 213.0 | 1.5 | 0.149 | | | | 2.82 |
| CAOND123763 | 213.0 | 214.5 | 1.5 | 0.281 | | | | 2.82 |
| CAOND123764 | 214.5 | 216.0 | 1.5 | 0.564 | | | | 2.83 |
| CAOND123765 | 216.0 | 217.5 | 1.5 | 1.290 | | | | 2.83 |
| CAOND123766 | 217.5 | 219.0 | 1.5 | 0.740 | | | | 2.82 |
| CAOND123767 | 219.0 | 220.4 | 1.4 | 1.305 | | | | 2.78 |

**Major:** **From:** 220.40 **To:** 240.30 V8Gs, Trachyte green spotted

Amp-Porph intrusive Composition: Dark grey to purplish grey very fine grained matrix with medium yellowish green spots, 5-10% fine grained, euhdral to subhedral and locally elongate amp

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123768 | 220.4 | 221.5 | 1.1 | 0.312 | | | | 2.81 |

**Hole number:** KLUC19-541

phenocrysts, porphyritic texture; V8Gs - Trachyte greenspotted. Magnetism: Strongly magnetic. Veinning: 1-2% mm scale fracture filled calcite and 1x 4cm thick medium grey smoky qtz vein with moderate ksppar alteration in margins Structure: Undeformed. Alteration: Moderate spotted epidote alteration. Mineralization: 3-5% very fine grained disseminated PY, locally clustered in EP spots and microfractures. Lower Contact: Not reached.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

220.40, 227.00, PYR, DIS, 3.00, -, VFG, 3-5% very fine grained disseminated PY
227.00, 232.00, PYR, DIS, 2.00, -, VFG, 2-3% very fine and fine grained dissemianted and patchy PY
232.00, 233.00, PYR, DIS, 5.00, -, VFG, 5% very fine grained disseimanted Py and 1-2% microfracture filling
233.00, 240.30, PYR, PAT, 2.00, -, FGR, 2-3% very fine and fine grained patchy PY occuring in Ep spots

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

220.40, 240.30, EPD+, SPO, MOD, -, -, -, -

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

221.50, 221.60, PYR, 5.00, -, -, -, -, -, -, -, PYR, 5.00, 5% mm scale fracture filling PY (fine and medium grained)
224.40, 224.60, QtzGry, 20.00, -, -, -, -, -, -, -, PYR, 5.00, 4cm thick medium grey smoky qtz vein with 1-4cm thick kspar alteration haloe with 5% clustered PY

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123769 | 221.5 | 223.0 | 1.5 | 0.137 | | | | 2.81 |
| CAOND123771 | 223.0 | 224.0 | 1.0 | 0.293 | | | | 2.78 |
| CAOND123772 | 224.0 | 225.0 | 1.0 | 0.259 | | | | 2.77 |
| CAOND123773 | 225.0 | 226.5 | 1.5 | 0.058 | | | | 2.78 |
| CAOND123774 | 226.5 | 228.0 | 1.5 | 0.124 | | | | 2.79 |
| CAOND123776 | 228.0 | 229.5 | 1.5 | 0.124 | | | | 3.15 |
| CAOND123777 | 229.5 | 231.0 | 1.5 | 0.301 | | | | 2.78 |
| CAOND123778 | 231.0 | 232.5 | 1.5 | 0.149 | | | | 2.80 |
| CAOND123779 | 232.5 | 234.0 | 1.5 | 0.042 | | | | 3.25 |
| CAOND123781 | 234.0 | 235.5 | 1.5 | 0.049 | | | | 3.20 |
| CAOND123782 | 235.5 | 237.0 | 1.5 | 0.143 | | | | 2.81 |
| CAOND123783 | 237.0 | 238.0 | 1.0 | 0.062 | | | | 2.83 |
| CAOND123784 | 238.0 | 239.0 | 1.0 | 0.042 | | | | 2.86 |
| CAOND123785 | 239.0 | 240.3 | 1.3 | 0.086 | | | | 2.85 |

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 3.0 | 6.0 | 97.00 | 100.00 | | | N | |
| 6.0 | 9.0 | 98.00 | 100.00 | | | N | |
| 9.0 | 12.0 | 97.00 | 100.00 | | | N | |
| 12.0 | 15.0 | 90.00 | 100.00 | | | N | |
| 15.0 | 18.0 | 100.00 | 100.00 | | | N | |
| 18.0 | 21.0 | 100.00 | 100.00 | | | N | |
| 21.0 | 24.0 | 100.00 | 100.00 | | | N | |
| 24.0 | 27.0 | 100.00 | 100.00 | | | N | |
| 27.0 | 30.0 | 100.00 | 100.00 | | | N | |
| 30.0 | 33.0 | 87.00 | 100.00 | | | N | |

**Hole number:** KLUC19-541

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 33.0 | 36.0 | 90.00 | 100.00 | | | N | |
| 36.0 | 39.0 | 87.00 | 100.00 | | | N | |
| 39.0 | 42.0 | 67.00 | 100.00 | | | N | |
| 42.0 | 45.0 | 97.00 | 100.00 | | | N | |
| 45.0 | 48.0 | 100.00 | 100.00 | | | N | |
| 48.0 | 51.0 | 98.00 | 100.00 | | | N | |
| 51.0 | 54.0 | 97.00 | 100.00 | | | N | |
| 54.0 | 57.0 | 93.00 | 100.00 | | | N | |
| 57.0 | 60.0 | 100.00 | 100.00 | | | N | |
| 60.0 | 63.0 | 87.00 | 100.00 | | | N | |
| 63.0 | 66.0 | 92.00 | 100.00 | | | N | |
| 66.0 | 69.0 | 97.00 | 100.00 | | | N | |
| 69.0 | 72.0 | 97.00 | 100.00 | | | N | |
| 72.0 | 75.0 | 100.00 | 100.00 | | | N | |
| 75.0 | 78.0 | 93.00 | 100.00 | | | N | |
| 78.0 | 81.0 | 92.00 | 100.00 | | | N | |
| 81.0 | 84.0 | 100.00 | 100.00 | | | N | |
| 84.0 | 87.0 | 100.00 | 100.00 | | | N | |
| 87.0 | 90.0 | 100.00 | 100.00 | | | N | |
| 90.0 | 93.0 | 100.00 | 100.00 | | | N | |
| 93.0 | 96.0 | 90.00 | 100.00 | | | N | |
| 96.0 | 99.0 | 87.00 | 100.00 | | | N | |
| 99.0 | 102.0 | 82.00 | 100.00 | | | N | |
| 102.0 | 105.0 | 100.00 | 100.00 | | | N | |
| 105.0 | 108.0 | 100.00 | 100.00 | | | N | |
| 108.0 | 111.0 | 100.00 | 100.00 | | | N | |
| 111.0 | 114.0 | 100.00 | 100.00 | | | N | |
| 114.0 | 117.0 | 97.00 | 100.00 | | | N | |

**Hole number:** KLUC19-541

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 117.0 | 120.0 | 97.00 | 100.00 | | | N | |
| 120.0 | 123.0 | 100.00 | 100.00 | | | N | |
| 123.0 | 126.0 | 100.00 | 100.00 | | | N | |
| 126.0 | 129.0 | 100.00 | 100.00 | | | N | |
| 129.0 | 132.0 | 100.00 | 100.00 | | | N | |
| 132.0 | 135.0 | 93.00 | 100.00 | | | N | |
| 135.0 | 138.0 | 97.00 | 100.00 | | | N | |
| 138.0 | 141.0 | 100.00 | 100.00 | | | N | |
| 141.0 | 144.0 | 97.00 | 100.00 | | | N | |
| 144.0 | 147.0 | 98.00 | 100.00 | | | N | |
| 147.0 | 150.0 | 100.00 | 100.00 | | | N | |
| 150.0 | 153.0 | 100.00 | 100.00 | | | N | |
| 153.0 | 156.0 | 90.00 | 100.00 | | | N | |
| 156.0 | 159.0 | 100.00 | 100.00 | | | N | |
| 159.0 | 162.0 | 100.00 | 100.00 | | | N | |
| 162.0 | 165.0 | 100.00 | 100.00 | | | N | |
| 165.0 | 168.0 | 100.00 | 100.00 | | | N | |
| 168.0 | 171.0 | 92.00 | 100.00 | | | N | |
| 171.0 | 174.0 | 100.00 | 100.00 | | | N | |
| 174.0 | 177.0 | 100.00 | 100.00 | | | N | |
| 177.0 | 180.0 | 100.00 | 100.00 | | | N | |
| 180.0 | 183.0 | 97.00 | 100.00 | | | N | |
| 183.0 | 186.0 | 97.00 | 100.00 | | | N | |
| 186.0 | 189.0 | 100.00 | 100.00 | | | N | |
| 189.0 | 192.0 | 100.00 | 100.00 | | | N | |
| 192.0 | 195.0 | 100.00 | 100.00 | | | N | |
| 195.0 | 198.0 | 100.00 | 100.00 | | | N | |
| 198.0 | 201.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC19-541

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 201.0 | 204.0 | 97.00 | 100.00 | | | N | |
| 204.0 | 207.0 | 100.00 | 100.00 | | | N | |
| 207.0 | 210.0 | 100.00 | 100.00 | | | N | |
| 210.0 | 213.0 | 100.00 | 100.00 | | | N | |
| 213.0 | 216.0 | 100.00 | 100.00 | | | N | |
| 216.0 | 219.0 | 100.00 | 100.00 | | | N | |
| 219.0 | 222.0 | 100.00 | 100.00 | | | N | |
| 222.0 | 225.0 | 100.00 | 100.00 | | | N | |
| 225.0 | 228.0 | 100.00 | 100.00 | | | N | |
| 228.0 | 231.0 | 100.00 | 100.00 | | | N | |
| 231.0 | 234.0 | 97.00 | 100.00 | | | N | |
| 234.0 | 237.0 | 100.00 | 100.00 | | | N | |
| 237.0 | 240.3 | 95.00 | 100.00 | | | N | |

AGNICO EAGLE

# DRILL HOLE REPORT

## EXPLORATION CANADA ONTARIO

**Hole number:** KLUC19-542 **Project Number:** U_Canada **Project name:** Upper Canada

| | |
|---|---|
| **Historic hole number:** | |
| **System:** | METRIC |
| **Target:** | UC_NORTHLAND |
| **No. Claim:** | PAT-18819 |
| **Year:** | 2 019 |
| **Date started:** | 2019-05-16 |
| **Date logged:** | 2019-06-02 |
| **Date completed:** | 2019-05-19 |
| **Core size:** | NQ |
| **Hole type:** | EXP |
| **Casing:** | Left in Hole |
| **Logging status:** | Signed |
| **Rig number:** | 2501 |

| | |
|---|---|
| **Collar survey:** | Y |
| **Verified:** | N |
| **Gas:** | N |
| **Multishot survey:** | N |
| **Is making water:** | N |
| **Object in hole:** | N |
| **Pulse EM survey:** | N |
| **Plugged:** | Y |
| **Cemented:** | Y |
| **Branch:** | N |
| **Reserve:** | N |

| | |
|---|---|
| **From:** | 0.0 |
| **To:** | 480.0 |
| **Depth:** | 480.0 |
| **Location:** | Surface |
| **Core storage:** | Exploration Camp |
| **Contractor:** | Asinii Drilling |
| **Logged by:** | Melanie Bouchard |
| **Signature:** | Mélanie Bouchard |

| | |
|---|---|
| **Coordinates:** | P |
| **Grid:** | UTM83-17_CSRS-2010: |
| **North:** | 5,332,526.92 |
| **East:** | 585,332.62 |
| **Elevation:** | 353.08 |
| **Collar dip:** | -44.04 |
| **Collar azimuth:** | 347.23 |

**Additional sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Proposed hole: UCP19-040. New and improved Asinii II drill Rig: 2501. Targeting: Northland - West of diabase. M.Bouchard logged from 0 - 138m, A.Moldoveanu logged from 138-343m and M.Bouchard logged 343 - 477m (E.O.H). Blocking error at 324m, 2x 324m blocks were placed one after the other. Meterage from 324 - 477m is 3m less than blocks because error wasn`t corrected. M.Bouchard fixed the blocks from 339 - 477m, final E.O.H actually 480m.

**Assay average**

| Average type | From | To | Length | Width | Zone | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Pb_ppm | Ni_ppm | As_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WEIGHTED | 132.5 | 134.0 | 1.5 | | | 1.925 | | | | | | |
| WEIGHTED | 227.0 | 235.5 | 8.5 | | | 1.025 | | | | | | |
| WEIGHTED | 280.0 | 281.5 | 1.5 | | | 1.104 | | | | | | |
| WEIGHTED | 289.5 | 292.0 | 2.5 | | | 0.783 | | | | | | |
| WEIGHTED | 359.5 | 360.5 | 1.0 | | | 1.615 | | | | | | |
| WEIGHTED | 371.0 | 378.5 | 7.5 | | | 0.940 | | | | | | |
| WEIGHTED | 406.0 | 430.0 | 24.0 | | | 1.425 | | | | | | |
| WEIGHTED | 450.5 | 451.5 | 1.0 | | | 5.320 | | | | | | |

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments | Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 347.23 | -44.04 | S | O | Surveyed direction (az corrected true North) | 15.0 | 348.30 | -45.40 | EZ | O | 55819 |

## Hole number: KLUC19-542

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 45.0 | 346.40 | -45.30 | EZ | D | 54290 |
| 105.0 | 349.60 | -44.80 | EZ | O | 55681 |
| 165.0 | 349.10 | -44.70 | EZ | O | 55038 |
| 225.0 | 350.20 | -44.50 | EZ | O | 54750 |
| 285.0 | 348.50 | -44.30 | EZ | O | 54692 |
| 345.0 | 350.40 | -44.30 | EZ | O | 54958 |
| 405.0 | 349.10 | -44.10 | EZ | O | 55010 |

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 75.0 | 349.70 | -44.80 | EZ | O | 55016 |
| 135.0 | 351.70 | -44.80 | EZ | O | 55144 |
| 195.0 | 350.10 | -44.60 | EZ | O | 54790 |
| 255.0 | 349.20 | -44.60 | EZ | O | 54124 |
| 315.0 | 348.80 | -44.50 | EZ | O | 53829 |
| 375.0 | 349.60 | -44.20 | EZ | O | 55105 |
| 435.0 | 349.90 | -43.90 | EZ | O | 55674 |

| Certificate |
|---|
| TM19137191 |
| TM19141466 |
| TM19143238 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505D19-031 | Excaon1D | CAOND123786 - CAOND123853 |
| CXE5505D19-032 | Excaon1D | CAOND123854 - CAOND124053<br>CAOND124067 |
| CXE5505D19-033 | Excaon1D | CAOND124054 - CAOND124066<br>CAOND124068 - CAOND124195 |

*The sample list may content samples from other holes

| Sample number | Standard |
|---|---|
| CAOND123790 | CDN-CM-28-AEM |
| CAOND123815 | CDN-CM-27-AEM |
| CAOND123820 | BLANK-DB |
| CAOND123830 | CDN-GS-5W |
| CAOND123845 | CDN-CM-28-AEM |
| CAOND123860 | CDN-CM-27-AEM |
| CAOND123870 | BLANK-DB |
| CAOND123875 | CDN-GS-5W |
| CAOND123890 | CDN-CM-28-AEM |
| CAOND123915 | CDN-CM-27-AEM |
| CAOND123920 | BLANK-DB |
| CAOND123930 | CDN-GS-5W |
| CAOND123945 | CDN-CM-28-AEM |
| CAOND123960 | CDN-CM-27-AEM |
| CAOND123970 | BLANK-DB |
| CAOND123975 | CDN-GS-5W |
| CAOND123990 | CDN-CM-28-AEM |
| CAOND124015 | CDN-CM-27-AEM |
| CAOND124020 | BLANK-DB |
| CAOND124030 | CDN-GS-5W |
| CAOND124045 | CDN-CM-28-AEM |
| CAOND124060 | CDN-CM-27-AEM |
| CAOND124070 | BLANK-DB |

**Hole number:** KLUC19-542

| Sample number | Standard |
|---|---|
| CAOND124075 | CDN-GS-5W |
| CAOND124090 | CDN-CM-28-AEM |
| CAOND124115 | CDN-CM-27-AEM |
| CAOND124120 | BLANK-DB |
| CAOND124130 | CDN-GS-5W |
| CAOND124145 | CDN-CM-28-AEM |
| CAOND124160 | CDN-CM-27-AEM |
| CAOND124170 | BLANK-DB |
| CAOND124175 | CDN-GS-5W |
| CAOND124190 | CDN-CM-28-AEM |

**Major:** **From:** 0.00 **To:** 4.70 OVB, Overburden

Overburden/casing

**Major:** **From:** 4.70 **To:** 22.50 I2D, Syénite

Composition: Medium pink and medium grey, dark purplish red and dark purplish grey; fine grained and massive; I2D - Syenite intrusin. Magnetism: Non magnetic. Veinning: 1-2% mm scale irregular and discontinuous calcite veinlets and 1% irregular and patchy qtz-carb-chl veins. Structure: Undeformed Alteration: Moderate and patchy Fe staining up to 9m and moderate pervasive calcite alteration. Mineralization: 2-3 locally 3-5% very fine and fine grained dissemianted Py. Lower Contact: Sharp and irregular.

**MINOR INTERVAL**

20.90 - 21.10: SMinor interval of adjacant possibly sediment?? unit

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

4.70, 8.00, PYR, DIS, 2.00, -, FGR, -
8.00, 9.00, PYR, DIS, 5.00, -, FGR, -
9.00, 14.00, PYR, DIS, 2.00, -, FGR, -
14.00, 22.50, PYR, DIS, 5.00, -, FGR, -

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

4.70, 22.50, CAL+, PEN, MOD, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123786 | 4.9 | 6.0 | 1.1 | 0.038 | | | | 2.63 |
| CAOND123787 | 6.0 | 7.5 | 1.5 | 0.053 | | | | 2.68 |
| CAOND123788 | 7.5 | 9.0 | 1.5 | 0.072 | | | | 2.79 |
| CAOND123789 | 9.0 | 10.5 | 1.5 | 0.033 | | | | 2.75 |
| CAOND123791 | 10.5 | 12.0 | 1.5 | 0.042 | | | | 2.74 |
| CAOND123792 | 12.0 | 13.5 | 1.5 | 0.053 | | | | 2.73 |
| CAOND123793 | 13.5 | 15.0 | 1.5 | 0.056 | | | | 2.74 |
| CAOND123794 | 15.0 | 16.5 | 1.5 | 0.034 | | | | 2.78 |
| CAOND123795 | 16.5 | 18.0 | 1.5 | 0.068 | | | | 2.75 |
| CAOND123796 | 18.0 | 19.5 | 1.5 | 0.019 | | | | 2.74 |
| CAOND123797 | 19.5 | 21.0 | 1.5 | 0.022 | | | | 2.76 |
| CAOND123798 | 21.0 | 22.5 | 1.5 | 0.029 | | | | 2.77 |

**Major:** **From:** 22.50 **To:** 34.90 S, Roches sédimentaires indéterminées

Composition: Dominantly dark grey to purplish grey with random patchs of pink and medium grey; dominantly fine grained and massive with randomly distributed clasts (appears to be syenite and trachyte composition); S - Sediment? Magnetism: Non magnetic. Veinning: 1-2% irregular mm scale

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123799 | 22.5 | 24.0 | 1.5 | 0.012 | | | | 2.83 |
| CAOND123801 | 24.0 | 25.5 | 1.5 | 0.021 | | | | 2.81 |
| CAOND123802 | 25.5 | 27.0 | 1.5 | 0.026 | | | | 2.83 |

**Hole number:** KLUC19-542

calcite veinning. Structure: Local moderate preferential alignment. Alteration: Moderate pervasive calcite alteration. Mineralization: 2-3 and 8-10% very fine grained disseminated Py. Lower Contact: Sharp but irregular.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

22.50, 27.00, PYR, DIS, 2.00, -, FGR, -
27.00, 30.00, PYR, DIS, 10.00, -, VFG, -
30.00, 34.90, PYR, DIS, 3.00, -, VFG, -

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

22.50, 34.90, CAL+, PEN, MOD, -, -, -, -

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

22.50, 34.90, DFZ, MOD, -, -, -, -, -
28.00, 30.00, FOL, MOD, 40.00, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123803 | 27.0 | 28.5 | 1.5 | 0.025 | | | | 2.83 |
| CAOND123804 | 28.5 | 30.0 | 1.5 | 0.020 | | | | 2.83 |
| CAOND123805 | 30.0 | 31.5 | 1.5 | 0.026 | | | | 2.82 |
| CAOND123806 | 31.5 | 33.0 | 1.5 | 0.019 | | | | 2.84 |
| CAOND123807 | 33.0 | 34.0 | 1.0 | 0.013 | | | | 2.83 |
| CAOND123808 | 34.0 | 34.9 | 0.9 | 0.047 | | | | 2.82 |

**Major:** **From:** 34.90 **To:** 38.10 I2Dp, Porphyritic Syenite

Fspar porphyry intrusive Composition: Medium purplish grey and medium pink, coarse grained subhedral fspar phenocrysts, porphyritic texutre; I2Dp - Syenite porphyry. Magnetism: Non magnetic. Veinning: 1-2% irregular calcite veinning. Structure: Undeformed with weak microfracturing. Alteration: Moderate pervasive kspar alteration. Mineralization: 5% very fine grained dissemianted PY. Lower Contact: Sharp but irregular.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

34.90, 38.10, PYR, DIS, 5.00, -, VFG, -

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

34.90, 38.10, KFS+, PEN, MOD, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123809 | 34.9 | 36.0 | 1.1 | 0.223 | | | | 2.75 |
| CAOND123810 | 36.0 | 37.0 | 1.0 | 0.191 | | | | 2.72 |
| CAOND123811 | 37.0 | 38.1 | 1.1 | 0.290 | | | | 2.73 |

**Major:** **From:** 38.10 **To:** 41.00 S, Roches sédimentaires indéterminées

Composition: Dominantly dark grey with medium grey clasts? and patches; S - sediment. Magnetism: Non magnetic. Veinning: 1-2% irregular and discontinous calcite veinlets. Structure: Weakly chaotic deformation. Alteration: Moderate pervasive calcite alteration. Mineralization: 0.5-1% very fine grained disseminated Py. Lower Contact: Sharp.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

38.10, 41.00, PYR, DIS, .50, -, VFG, -

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123812 | 38.1 | 39.5 | 1.4 | 0.016 | | | | 2.81 |
| CAOND123813 | 39.5 | 41.0 | 1.5 | 0.006 | | | | 2.81 |

## Hole number: KLUC19-542

38.10, 41.00, CAL+, PEN, MOD, -, -, -, -

**Major:** **From:** 41.00 **To:** 53.30 I2Dm, Mafic Syenite

Composition: Dominantly dark greenish grey, fine grained and massive; I2Dm - Mafic Syenite. Magnetism: Moderate to strongly magnetic. Veinning: 1-2% irregular and discontinous calcite veinlets. Structure: Weak deformation and preferential alignment at 40-50 TCA. Alteration: Moderate pervasive calcite alteration. Mineralization: 0.5-1% very fine grained disseminated Py. Lower Contact: Relatively sharp.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

41.00, 51.00, PYR, DIS, .50, -, VFG, -
51.00, 53.30, PYR, DIS, 2.00, -, VFG, -

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

41.00, 53.30, CAL+, PEN, MOD, -, -, -, -

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

41.00, 53.30, DFZ, WEAK, -, -, -, -, -
41.00, 53.30, FOL, WEAK, 40.00, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123814 | 41.0 | 42.5 | 1.5 | 0.003 | | | | 2.81 |
| CAOND123816 | 42.5 | 44.0 | 1.5 | 0.006 | | | | 2.79 |
| CAOND123817 | 44.0 | 45.5 | 1.5 | 0.007 | | | | 2.81 |
| CAOND123818 | 45.5 | 47.0 | 1.5 | 0.003 | | | | 2.81 |
| CAOND123819 | 47.0 | 48.5 | 1.5 | 0.006 | | | | 2.48 |
| CAOND123821 | 48.5 | 50.0 | 1.5 | 0.003 | | | | 2.79 |
| CAOND123822 | 50.0 | 51.0 | 1.0 | 0.003 | | | | 2.75 |
| CAOND123823 | 51.0 | 52.0 | 1.0 | 0.014 | | | | 2.80 |
| CAOND123824 | 52.0 | 53.3 | 1.3 | 0.009 | | | | 2.79 |

**Major:** **From:** 53.30 **To:** 63.90 S, Roches sédimentaires indéterminées

Composition: Dominantly medium to dark greenish gery with minor medium pink to pinkish grey patches. 53.3-55m = elongated and preferentially aligned monolithic clasts in fine grained matrix. 55-63.9m = fine grained and massive texture, possibly tuffaceous and lapilli tuff; S - sediment. Magnetism: Dominantly non magnetic with local strong magnetism at upper contact. Veinning: Less than 1% calcite veinlets. Structure: Weak to moderate parallel deformation at 40 TCA. Alteration: Moderate patchy calcite alteration. Mineralization: 1-2 and 10% very fine grained disseminated PY. Lower Contact: Sharp but irregular.

**TEXTURE**

TYPE/COLOR/GRAIN_SIZE/COMMENTS

53.30, 55.00, LPL, -, -, -

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

53.30, 55.00, PYR, DIS, 1.00, -, VFG, -
55.00, 59.00, PYR, DIS, 3.00, -, VFG, -
59.00, 63.90, PYR, DIS, 10.00, -, VFG, -

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

53.30, 63.90, CAL+, PEN, MOD, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123826 | 53.3 | 54.2 | 0.9 | 0.010 | | | | 2.80 |
| CAOND123827 | 54.2 | 55.0 | 0.8 | 0.023 | | | | 2.81 |
| CAOND123828 | 55.0 | 56.0 | 1.0 | 0.055 | | | | 2.84 |
| CAOND123829 | 56.0 | 57.5 | 1.5 | 0.026 | | | | 2.81 |
| CAOND123831 | 57.5 | 59.0 | 1.5 | 0.038 | | | | 2.82 |
| CAOND123832 | 59.0 | 60.5 | 1.5 | 0.310 | | | | 2.87 |
| CAOND123833 | 60.5 | 62.0 | 1.5 | 0.081 | | | | 2.83 |
| CAOND123834 | 62.0 | 63.0 | 1.0 | 0.135 | | | | 2.86 |
| CAOND123835 | 63.0 | 63.9 | 0.9 | 0.218 | | | | 2.80 |

**Hole number:** KLUC19-542

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
53.30, 55.00, DFZ, MOD, -, -, -, -, -
53.30, 55.00, FOL, MOD, 40.00, -, -, -, -
55.00, 63.90, DFZ, WEAK, -, -, -, -, -
55.00, 63.90, FOL, WEAK, 40.00, -, -, -, -

**Major:** **From:** 63.90 **To:** 75.50 I2D, Syénite

Composition: Medium purplish red and dark green, massive but chaotic texture; I2D - Syenite. Magnetism: Moderate to strongly magnetic. Veinning: 1% irregular calcite veinlets. Structure: Moderate chaotic deformation and fracturing? weak preferential alignment. Alteration: Moderate pervasive calcite alteration and spotted chlorite. Mineralization: 1-2% fine grained dissemianted PY. Lower Contact: Sharp but irregular, in and out over 1.5m.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
63.90, 72.00, PYR, DIS, 1.00, -, FGR, -
72.00, 75.50, PYR, DIS, .50, -, VFG, -

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
63.90, 75.50, CAL+, PEN, MOD, -, -, -, -

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
63.90, 75.50, DFZ, MOD, -, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123836 | 63.9 | 65.5 | 1.6 | 0.126 | | | | 2.73 |
| CAOND123837 | 65.5 | 67.0 | 1.5 | 0.172 | | | | 2.74 |
| CAOND123838 | 67.0 | 68.5 | 1.5 | 0.104 | | | | 2.74 |
| CAOND123839 | 68.5 | 70.0 | 1.5 | 0.024 | | | | 2.72 |
| CAOND123840 | 70.0 | 71.5 | 1.5 | 0.142 | | | | 2.74 |
| CAOND123841 | 71.5 | 73.0 | 1.5 | 0.160 | | | | 2.71 |
| CAOND123842 | 73.0 | 74.5 | 1.5 | 0.160 | | | | 2.75 |
| CAOND123843 | 74.5 | 75.5 | 1.0 | 0.076 | | | | 2.75 |

**Major:** **From:** 75.50 **To:** 77.00 CTZ, Contact Zone

Contaqct zone between Syenite intrusion and fine grained sediments. Contacts are sharp but irregular, in and out of intrusion over 1.5m.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
75.50, 77.00, PYR, DIS, .50, -, VFG, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123844 | 75.5 | 77.0 | 1.5 | 0.080 | | | | 2.67 |

**Major:** **From:** 77.00 **To:** 99.40 S, Roches sédimentaires indéterminées

Composition: Medium pinkish, dark purplish pink and dark purplish grey. Dominantly fine grained equigranular and massive with local mudstone intraclasts and very fine lamination over 0.5-1m intervals; S - sediment. Magnetism: Strongly magnetic. Veinning: 1-2% irregular and chaotic calcite veinlets. Structure: Weak remant very fine laminations, weak to moderate microfracturing. Alteration: Moderate to strong pervasive calcite. Mineralization: Dominantly unmineralized with local 1-3% fine grained disseminated Py. Lower Contact: Sharp but irregular.

**MINERALIZATION**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123846 | 77.0 | 78.5 | 1.5 | 0.125 | | | | 2.55 |
| CAOND123847 | 78.5 | 80.0 | 1.5 | 0.015 | | | | 2.72 |
| CAOND123848 | 80.0 | 81.5 | 1.5 | 0.036 | | | | 2.73 |
| CAOND123849 | 81.5 | 83.0 | 1.5 | 0.155 | | | | 2.70 |
| CAOND123851 | 83.0 | 84.5 | 1.5 | 0.035 | | | | 2.54 |

## Hole number: KLUC19-542

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
77.00, 82.00, PYR, DIS, .50, -, VFG, -
82.00, 87.00, PYR, DIS, 1.00, -, VFG, -
87.00, 99.40, PYR, DIS, 1.00, -, VFG, -

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS
83.70, 83.80, QTZ_2, 20.00, -, -, -, -, -, -, -, PYR, 2.00, 2cm thick qtz-cal vein with 2-3% clustered PY oriented at 50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123852 | 84.5 | 86.0 | 1.5 | 0.034 | | | | 2.40 |
| CAOND123853 | 86.0 | 87.5 | 1.5 | 0.030 | | | | 2.72 |
| CAOND123854 | 87.5 | 89.0 | 1.5 | 0.017 | | | | 2.75 |
| CAOND123855 | 89.0 | 90.5 | 1.5 | 0.019 | | | | 2.74 |
| CAOND123856 | 90.5 | 92.0 | 1.5 | 0.049 | | | | 2.75 |
| CAOND123857 | 92.0 | 93.5 | 1.5 | 0.012 | | | | 2.74 |
| CAOND123858 | 93.5 | 95.0 | 1.5 | 0.014 | | | | 2.74 |
| CAOND123859 | 95.0 | 96.5 | 1.5 | 0.011 | | | | 2.74 |
| CAOND123861 | 96.5 | 98.0 | 1.5 | 0.033 | | | | 2.76 |
| CAOND123862 | 98.0 | 99.4 | 1.4 | 0.015 | | | | 2.74 |

**Major:** **From:** 99.40 **To:** 101.10 V8Gs, Trachyte green spotted

Amp-porph intrusive?? Composition: Dark purplish grey, very fine grained and massive with 1-2% fine grained amphibole phenocrysts, dominantly massive texture; V8Gs - Trachyte greenspotted Magnetism: Strongly magnetic. Veinning: 1% irregular and discontinuous calcite veinlets. Structure: Undeformed. Alteration: Unknown. Mineralization: Non observed. Lower Contact: Altered and unclear

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123863 | 99.4 | 100.2 | 0.8 | 0.226 | | | | 2.81 |
| CAOND123864 | 100.2 | 101.1 | 0.9 | 0.015 | | | | 2.81 |

**Major:** **From:** 101.10 **To:** 116.80 S, Roches sédimentaires indéterminées

Composition: Dominantly dark purplish grey with medium to dark red patches. Dominantly fine grained equigranular and massive with local mudstone intraclasts and very fine lamination over 0.5-1m intervals; S - sediment. Magnetism: Weak to moderately magnetic. Veinning: 1-2% irregular and chaotic calcite veinlets. Structure: Undeformed Alteration: Moderate to strong pervasive calcite locally pitted Mineralization: 1-2% very fine grained disseminated Py locally occuring in fractures. Lower Contact: Sharp but irregular.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
101.10, 116.80, PYR, DIS, 1.00, -, VFG, -
101.80, 102.00, PYR, PAT, 5.00, -, VFG, -

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS
103.30, 103.40, PYR, 10.00, -, -, -, -, -, -, -, PYR, 60.00, 1cm thick qtz vein with 60% fine and medium grained clustered PY

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123865 | 101.1 | 102.5 | 1.4 | 0.015 | | | | 2.63 |
| CAOND123866 | 102.5 | 104.0 | 1.5 | 0.854 | | | | 2.71 |
| CAOND123867 | 104.0 | 105.5 | 1.5 | 0.061 | | | | 2.73 |
| CAOND123868 | 105.5 | 107.0 | 1.5 | 0.026 | | | | 2.73 |
| CAOND123869 | 107.0 | 108.5 | 1.5 | 0.016 | | | | 2.74 |
| CAOND123871 | 108.5 | 110.0 | 1.5 | 0.045 | | | | 2.72 |
| CAOND123872 | 110.0 | 111.5 | 1.5 | 0.011 | | | | 2.70 |
| CAOND123873 | 111.5 | 113.0 | 1.5 | 0.092 | | | | 2.73 |
| CAOND123874 | 113.0 | 114.5 | 1.5 | 0.083 | | | | 2.72 |
| CAOND123876 | 114.5 | 115.4 | 0.9 | 0.123 | | | | 2.74 |
| CAOND123877 | 115.4 | 116.8 | 1.4 | 0.245 | | | | 2.73 |

**Major:** **From:** 116.80 **To:** 122.10 V8Gs, Trachyte green spotted

Amp-porph intrusive?? Composition: Dark purplish grey to greenish grey, very fine grained and massive with 1-2% fine grained amphibole phenocrysts, dominantly massive texture; V8Gs - Trachyte greenspotted Magnetism: Strongly magnetic. Veinning: 1% irregular and discontinuous calcite veinlets.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123878 | 116.8 | 118.0 | 1.2 | 0.288 | | | | 2.80 |
| CAOND123879 | 118.0 | 119.5 | 1.5 | 0.167 | | | | 2.80 |
| CAOND123881 | 119.5 | 121.0 | 1.5 | 0.249 | | | | 2.79 |

## Hole number: KLUC19-542

Structure: Undeformed. Alteration: Unknown. Mineralization: None observed. Lower Contact: Sharp but irregular.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123882 | 121.0 | 122.1 | 1.1 | 0.143 | | | | 2.78 |

**Major:** **From:** 122.10 **To:** 124.40 I2Dmp, Syenite mafic porphyryitic

Amp & fspar porphy intrusive Composition: Medium reddish very fine grained matrxi with 2-3% very fine and fine grained amp phenocrysts and 5-8% fine grained fspar phenocrysts, 1-2% irregular and random mafic xenoliths, porphyritic texture; I2Dmp - Syenite mafic porphyry. Magnetism: Strongly magnetic. Veinning: Less than 1% calcite veinlets. Structure: Undeformed. Alteration: Pervasive kspar alteration. Mineralization: 1-2% very fine grained disseminated Py. Lower Contact: Sharp but irregular.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

122.10, 124.40, PYR, DIS, 1.00, -, VFG, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123883 | 122.1 | 123.0 | 0.9 | 0.425 | | | | 2.74 |
| CAOND123884 | 123.0 | 124.4 | 1.4 | 0.267 | | | | 2.71 |

**Major:** **From:** 124.40 **To:** 131.40 V8Gs, Trachyte green spotted

Amp-porph intrusive?? Composition: Dark purplish grey to greenish grey, very fine grained and massive with 1-2% fine grained amphibole phenocrysts, dominantly massive texture; V8Gs - Trachyte greenspotted Magnetism: Strongly magnetic. Veinning: 1% irregular and discontinuous calcite veinlets. Structure: Undeformed. Alteration: Unknown. Mineralization: None observed. Lower Contact: Sharp but irregular.

**MINOR INTERVAL**

129.00 - 129.50: S50cm thick minor interval of dark grey and medium purplish pink, fine grained sediment.

**MINOR INTERVAL**

130.60 - 131.40: S80cm thick minor interval of dark grey and medium purplish pink, fine grained sediment.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

129.00, 129.50, PYR, DIS, 2.00, -, FGR, -
130.60, 131.40, PYR, DIS, 1.00, -, VFG, -

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

130.00, 131.40, CAL+, PEN, MOD, -, -, -, moderate to locally stronger reaction to Hcl

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123885 | 124.4 | 125.6 | 1.2 | 0.536 | | | | 2.78 |
| CAOND123886 | 125.6 | 127.0 | 1.4 | 0.336 | | | | 2.76 |
| CAOND123887 | 127.0 | 128.0 | 1.0 | 0.256 | | | | 2.77 |
| CAOND123888 | 128.0 | 129.0 | 1.0 | 0.371 | | | | 2.78 |
| CAOND123889 | 129.0 | 129.5 | 0.5 | 0.118 | | | | 2.73 |
| CAOND123891 | 129.5 | 130.6 | 1.1 | 0.049 | | | | 2.79 |
| CAOND123892 | 130.6 | 131.4 | 0.8 | 0.212 | | | | 2.76 |

**Major:** **From:** 131.40 **To:** 135.90 I2Dp, Porphyritic Syenite

Fspar porphyry intrusive Composition: Medium purplish pink colour, fspar only phenocrysts and porphyritic texture, 1% irregular and random mafic xenooliths; I2Dp - Syenite porphyry. Magnetism: Strongly magnetic Veinning: Less than 1% irregular calcite veinlets. Structure: Weak preferential alignment of phenocrysts. Alteration: Unknown Mineralization: 1-2% very fine and fine grained disseminated Py. Lower Contact: Sharp and relatively straight trending at 30 TCA.

**MINERALIZATION**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123893 | 131.4 | 132.5 | 1.1 | 0.253 | | | | 2.71 |
| CAOND123894 | 132.5 | 134.0 | 1.5 | 1.925 | | | | 2.71 |
| CAOND123895 | 134.0 | 135.0 | 1.0 | 0.304 | | | | 2.70 |
| CAOND123896 | 135.0 | 135.9 | 0.9 | 0.282 | | | | 2.71 |

**Hole number:** KLUC19-542

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
131.40, 135.90, PYR, DIS, 1.00, -, FGR, -

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
131.40, 135.90, CAL+, PEN, MOD, -, -, -, moderate to locally stronger reaction to Hcl

**Major:** **From:** 135.90 **To:** 137.10 S, Roches sédimentaires indéterminées

Composition: Dark purplish and medium pink, fine grained equigranular and massive; S - sediment. Magnetism: Non to weakly magnetic. Veinning: 1-2% irregular and chaotic calcite veinlets. Structure: Undeformed Alteration: Moderate to strong pervasive calcite alteration. Mineralization: 2-3% very fine grained disseminated PY. Lower Contact: Sharp but irregular.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
135.90, 137.10, PYR, DIS, 2.00, -, VFG, -

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
135.90, 137.10, CAL+, PEN, MOD, -, -, -, moderate to locally stronger reaction to Hcl

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123897 | 135.9 | 137.1 | 1.2 | 0.119 | | | | 2.70 |

**Major:** **From:** 137.10 **To:** 139.40 I2Dp, Porphyritic Syenite

Fspar porphyry intrusive Composition: Medium purplish pink colour, fspar only phenocrysts and porphyritic texture; I2Dp - Syenite porphyry. Magnetism: Weak to non magnetic Veinning: Less than 1% irregular calcite veinlets. Structure: Weak preferential alignment of phenocrysts. Alteration: calcite Mineralization: fine grained, randomly disseminated Py, 0.5%. Lower Contact: transitional @55°

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
137.10, 139.40, CAL+, PEN, MOD, -, -, -, moderate to locally stronger reaction to Hcl

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
139.30, 139.40, LWC, WEAK, 55.00, -, -, -, transitional; approx angle

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123898 | 137.1 | 138.2 | 1.1 | 0.386 | | | | 2.70 |
| CAOND123899 | 138.2 | 139.4 | 1.2 | 0.232 | | | | 2.70 |

**Major:** **From:** 139.40 **To:** 227.00 S, Roches sédimentaires indéterminées

Composition: Dark grey to purplish by passages or local, fine grained equigranular and massive; S - sediment. Magnetism: None to weakly magnetic. Veinning: 1-2% irregular and chaotic calcite veinlets. Structure: Undeformed Alteration: Moderate to locally strong pervasive calcite alteration; Kspar and carbonate Mineralization: 2-3% very fine to fine and medium grained disseminated PY and local stringers Lower Contact: Sharp @ 60°

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
170.60, 185.00, PYR, DIS, 4.00, -, FGR, fine to very fine grained with local accumulations between 5-

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123901 | 139.4 | 140.5 | 1.1 | 0.130 | | | | 2.72 |
| CAOND123902 | 140.5 | 142.0 | 1.5 | 0.141 | | | | 2.71 |
| CAOND123903 | 142.0 | 143.5 | 1.5 | 0.079 | | | | 2.70 |
| CAOND123904 | 143.5 | 145.0 | 1.5 | 0.167 | | | | 2.67 |
| CAOND123905 | 145.0 | 146.5 | 1.5 | 0.268 | | | | 2.71 |
| CAOND123906 | 146.5 | 148.0 | 1.5 | 0.352 | | | | 2.71 |

**Hole number:** KLUC19-542

7%; local stringer (184.9m) associated to Kspar vein
185.00, 188.50, PYR, DIS, 7.00, -, FGR, to local accumulations between 10-15% and local stringers
188.50, 198.00, PYR, DIS, 3.00, -, FGR, local accumulations up to 5%
198.00, 204.20, PYR, DIS, 7.00, -, FGR, to local accumulations between 10-15% and stringers generally associated to Kspar bands
204.20, 217.00, PYR, DIS, 5.00, -, FGR, to local accumulations up to 15%
217.00, 219.00, PYR, DIS, 10.00, -, MGR, fine disseminated to patches, locally Cpy associated
219.00, 227.00, PYR, DIS, 15.00, -, FGR, fine to medium grained and local accumulations up to 20%

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
139.40, 150.00, CAL+, PEN, MOD, -, -, -, moderate to locally stronger reaction to Hcl
150.00, 185.00, CAL+, PEN, WEAK, -, -, -, weak to moderate reaction; locally stringers or veinlets of Calcite
185.00, 194.00, KFS+, PEN, MOD, -, -, -, and local as veins with Py stringers associated
194.00, 208.00, KFS+, PAT, WEAK, -, -, -, patches or veins with Py stringers associated
213.60, 218.00, CBT+, PAT, MOD, -, -, -, to locally stronger passage
226.00, 227.00, KFS+, PAT, WEAK, -, -, -, to moderate

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
153.00, 159.00, FRA, WEAK, 45.00, -, -, -, local fractures generally related to Calcite veins and veinlets
226.90, 227.00, LWC, MOD, 60.00, -, -, -, sharp, marked by Calcite-Chl alteration

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
209.00, 209.10, QtzCbtChl, 10.00, 35.00, -, -, -, GRY2_BASIC, 2.00, BAN, -, -, 1.5 to 2 cm large Qtz-Carb vein ±Hem / Kspar
214.90, 215.30, QtzCbt, 10.00, 70.00, -, -, -, GRY2_BASIC, 2.50, BAN, PYR, 15.00, stringers and Qtz-Ca vein with semi-massive Py

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123907 | 148.0 | 149.5 | 1.5 | 0.230 | | | | 2.76 |
| CAOND123908 | 149.5 | 151.0 | 1.5 | 0.283 | | | | 2.77 |
| CAOND123909 | 151.0 | 152.5 | 1.5 | 0.262 | | | | 2.75 |
| CAOND123910 | 152.5 | 154.0 | 1.5 | 0.424 | | | | 2.70 |
| CAOND123911 | 154.0 | 155.5 | 1.5 | 0.202 | | | | 2.73 |
| CAOND123912 | 155.5 | 157.0 | 1.5 | 0.112 | | | | 2.71 |
| CAOND123913 | 157.0 | 158.5 | 1.5 | 0.083 | | | | 2.64 |
| CAOND123914 | 158.5 | 160.0 | 1.5 | 0.030 | | | | 2.68 |
| CAOND123916 | 160.0 | 161.5 | 1.5 | 0.057 | | | | 2.70 |
| CAOND123917 | 161.5 | 163.0 | 1.5 | 0.079 | | | | 2.69 |
| CAOND123918 | 163.0 | 164.5 | 1.5 | 0.030 | | | | 2.69 |
| CAOND123919 | 164.5 | 166.0 | 1.5 | 0.009 | | | | 2.71 |
| CAOND123921 | 166.0 | 167.5 | 1.5 | 0.012 | | | | 2.72 |
| CAOND123922 | 167.5 | 169.0 | 1.5 | 0.010 | | | | 2.71 |
| CAOND123923 | 169.0 | 170.5 | 1.5 | 0.016 | | | | 2.74 |
| CAOND123924 | 170.5 | 172.0 | 1.5 | 0.067 | | | | 2.72 |
| CAOND123926 | 172.0 | 173.5 | 1.5 | 0.088 | | | | 2.70 |
| CAOND123927 | 173.5 | 175.0 | 1.5 | 0.046 | | | | 2.70 |
| CAOND123928 | 175.0 | 176.5 | 1.5 | 0.067 | | | | 2.74 |
| CAOND123929 | 176.5 | 178.0 | 1.5 | 0.062 | | | | 2.73 |
| CAOND123931 | 178.0 | 179.5 | 1.5 | 0.026 | | | | 2.73 |
| CAOND123932 | 179.5 | 181.0 | 1.5 | 0.022 | | | | 2.72 |
| CAOND123933 | 181.0 | 182.5 | 1.5 | 0.038 | | | | 2.76 |
| CAOND123934 | 182.5 | 184.0 | 1.5 | 0.045 | | | | 2.73 |
| CAOND123935 | 184.0 | 185.5 | 1.5 | 0.033 | | | | 2.73 |
| CAOND123936 | 185.5 | 187.0 | 1.5 | 0.055 | | | | 2.73 |
| CAOND123937 | 187.0 | 188.5 | 1.5 | 0.119 | | | | 2.74 |
| CAOND123938 | 188.5 | 190.0 | 1.5 | 0.091 | | | | 2.72 |
| CAOND123939 | 190.0 | 191.0 | 1.0 | 0.078 | | | | 2.72 |
| CAOND123940 | 191.0 | 192.5 | 1.5 | 0.077 | | | | 2.71 |
| CAOND123941 | 192.5 | 194.0 | 1.5 | 0.037 | | | | 2.70 |
| CAOND123942 | 194.0 | 195.5 | 1.5 | 0.042 | | | | 2.72 |
| CAOND123943 | 195.5 | 197.0 | 1.5 | 0.048 | | | | 2.77 |

**Hole number:** KLUC19-542

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123944 | 197.0 | 198.0 | 1.0 | 0.015 | | | | 2.70 |
| CAOND123946 | 198.0 | 199.0 | 1.0 | 0.059 | | | | 2.74 |
| CAOND123947 | 199.0 | 200.5 | 1.5 | 0.028 | | | | 2.71 |
| CAOND123948 | 200.5 | 202.0 | 1.5 | 0.091 | | | | 2.76 |
| CAOND123949 | 202.0 | 203.5 | 1.5 | 0.237 | | | | 2.78 |
| CAOND123951 | 203.5 | 205.0 | 1.5 | 0.029 | | | | 2.72 |
| CAOND123952 | 205.0 | 206.5 | 1.5 | 0.048 | | | | 2.71 |
| CAOND123953 | 206.5 | 208.0 | 1.5 | 0.312 | | | | 2.74 |
| CAOND123954 | 208.0 | 209.5 | 1.5 | 0.027 | | | | 2.74 |
| CAOND123955 | 209.5 | 211.0 | 1.5 | 0.161 | | | | 2.74 |
| CAOND123956 | 211.0 | 212.5 | 1.5 | 0.258 | | | | 2.74 |
| CAOND123957 | 212.5 | 213.9 | 1.4 | 0.081 | | | | 2.74 |
| CAOND123958 | 213.9 | 215.0 | 1.1 | 0.211 | | | | 2.76 |
| CAOND123959 | 215.0 | 215.5 | 0.5 | 0.391 | | | | 2.80 |
| CAOND123961 | 215.5 | 216.0 | 0.5 | 0.465 | | | | 2.76 |
| CAOND123962 | 216.0 | 217.5 | 1.5 | 0.493 | | | | 2.77 |
| CAOND123963 | 217.5 | 219.0 | 1.5 | 0.298 | | | | 2.71 |
| CAOND123964 | 219.0 | 220.5 | 1.5 | 0.426 | | | | 2.74 |
| CAOND123965 | 220.5 | 222.0 | 1.5 | 0.389 | | | | 2.69 |
| CAOND123966 | 222.0 | 223.0 | 1.0 | 0.104 | | | | 2.72 |
| CAOND123967 | 223.0 | 224.0 | 1.0 | 0.200 | | | | 2.73 |
| CAOND123968 | 224.0 | 225.0 | 1.0 | 0.140 | | | | 2.80 |
| CAOND123969 | 225.0 | 226.0 | 1.0 | 0.114 | | | | 2.89 |
| CAOND123971 | 226.0 | 227.0 | 1.0 | 0.177 | | | | 2.73 |

**Major:** **From:** 227.00 **To:** 266.40 V8Gs, Trachyte green spotted

Amp-porph intrusive?? Composition: Dark greenish grey, very fine grained and massive with 1-2% fine grained amphibole phenocrysts, dominantly massive texture; V8Gs - Trachyte greenspotted Magnetism: Moderate to strongly magnetic. Veinning: 1% irregular and discontinuous calcite veinlets; a couple of Qtz-Carb veins Structure: Undeformed. Alteration: Epidote Mineralization: Py in stringers, patches and local disseminations Lower Contact: 50°

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

227.00, 231.00, PYR, PAT, 5.00, -, FGR, fine to medium grained; patchy and in stringers; local accumulations up to 15%

231.00, 235.50, PYR, FRF, 5.00, -, FGR, fine to medium grained; hairly, associated to thin fractures or

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123972 | 227.0 | 228.5 | 1.5 | 1.140 | | | | 2.89 |
| CAOND123973 | 228.5 | 230.0 | 1.5 | 1.670 | | | | 2.89 |
| CAOND123974 | 230.0 | 231.5 | 1.5 | 0.131 | | | | 2.88 |
| CAOND123976 | 231.5 | 232.5 | 1.0 | 1.115 | | | | 2.88 |
| CAOND123977 | 232.5 | 234.0 | 1.5 | 1.475 | | | | 2.90 |
| CAOND123978 | 234.0 | 235.5 | 1.5 | 0.648 | | | | 2.91 |
| CAOND123979 | 235.5 | 237.0 | 1.5 | 0.080 | | | | 2.91 |
| CAOND123981 | 237.0 | 238.5 | 1.5 | 0.339 | | | | 2.86 |

**Hole number:** KLUC19-542

Q-Ca veinlets; locally patchy
235.50, 240.00, PYR, PAT, 2.00, -, FGR, irregular, in patches and fragmented stringers; local accumulations up to 7%
248.30, 255.50, PYR, FRF, 2.00, -, FGR, fine to medium, associated to Qtz-Ca hairs and veinlets
257.50, 260.50, PYR, FRF, 1.00, -, FGR, fine to medium, associated to Qtz-Ca hairs and veinlets

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
227.00, 266.40, EPD+, PAT, WEAK, -, -, -, to locally moderate, Chl pervasive and hairly and locally patches of Kspar

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
266.30, 266.40, LWC, WEAK, 50.00, -, -, -, transitional

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
236.40, 236.50, QtzCbtChl, 60.00, 30.00, -, -, -, GRY2_BASIC, 6.00, BRC, PYR, .50, local patch of Py; Qtz-Carb-Chl±Hem vein

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND123982 | 238.5 | 239.5 | 1.0 | 0.065 | | | | 2.88 |
| CAOND123983 | 239.5 | 241.0 | 1.5 | 0.044 | | | | 2.92 |
| CAOND123984 | 241.0 | 242.5 | 1.5 | 0.066 | | | | 2.95 |
| CAOND123985 | 242.5 | 244.0 | 1.5 | 0.170 | | | | 2.92 |
| CAOND123986 | 244.0 | 245.5 | 1.5 | 0.226 | | | | 2.93 |
| CAOND123987 | 245.5 | 247.0 | 1.5 | 0.040 | | | | 2.95 |
| CAOND123988 | 247.0 | 248.5 | 1.5 | 0.199 | | | | 2.93 |
| CAOND123989 | 248.5 | 250.0 | 1.5 | 0.034 | | | | 2.94 |
| CAOND123991 | 250.0 | 251.5 | 1.5 | 0.142 | | | | 2.96 |
| CAOND123992 | 251.5 | 253.0 | 1.5 | 0.157 | | | | 2.96 |
| CAOND123993 | 253.0 | 254.5 | 1.5 | 0.128 | | | | 2.96 |
| CAOND123994 | 254.5 | 256.0 | 1.5 | 0.055 | | | | 2.88 |
| CAOND123995 | 256.0 | 257.5 | 1.5 | 0.059 | | | | 2.84 |
| CAOND123996 | 257.5 | 259.0 | 1.5 | 0.163 | | | | 2.82 |
| CAOND123997 | 259.0 | 260.5 | 1.5 | 0.041 | | | | 2.84 |
| CAOND123998 | 260.5 | 262.0 | 1.5 | 0.325 | | | | 2.83 |
| CAOND123999 | 262.0 | 263.5 | 1.5 | 0.097 | | | | 2.83 |
| CAOND124001 | 263.5 | 265.0 | 1.5 | 0.070 | | | | 2.85 |
| CAOND124002 | 265.0 | 266.4 | 1.4 | 0.059 | | | | 2.86 |

**Major:** **From:** 266.40 **To:** 282.10 S1, CONGLOMÉRAT

Composition: Dark greenish grey to purplish by passages or local, fine grained to large phenoblasts, massive; S1 - conglomerate Magnetism: weak to locally moderate or stronger Veinning: 1% irregular and chaotic calcite veinlets. Structure: Undeformed Alteration: Moderate to locally strong pervasive calcite alteration; Kspar and carbonate Mineralization: 2% very fine to fine grained disseminated PY Lower Contact: Sharp @ 30°

**MINOR INTERVAL**
272.00 - 273.10: V8Gs

**MINOR INTERVAL**
273.90 - 274.80: V8Gs

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
266.40, 270.00, PYR, PAT, 2.00, -, FGR, spotty/patchy
271.30, 274.30, PYR, PAT, 2.00, -, FGR, Patchy to clustered Py, associated to Qtz-Ca veins and veinlets; locally spotty

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124003 | 266.4 | 267.5 | 1.1 | 0.135 | | | | 2.74 |
| CAOND124004 | 267.5 | 269.0 | 1.5 | 0.175 | | | | 2.77 |
| CAOND124005 | 269.0 | 270.5 | 1.5 | 0.489 | | | | 2.77 |
| CAOND124006 | 270.5 | 272.0 | 1.5 | 0.107 | | | | 2.78 |
| CAOND124007 | 272.0 | 273.1 | 1.1 | 0.141 | | | | 2.87 |
| CAOND124008 | 273.1 | 273.9 | 0.8 | 0.080 | | | | 2.75 |
| CAOND124009 | 273.9 | 274.8 | 0.9 | 0.063 | | | | 2.88 |
| CAOND124010 | 274.8 | 276.0 | 1.2 | 0.049 | | | | 2.81 |
| CAOND124011 | 276.0 | 277.5 | 1.5 | 0.033 | | | | 2.76 |
| CAOND124012 | 277.5 | 279.0 | 1.5 | 0.027 | | | | 2.76 |
| CAOND124013 | 279.0 | 280.5 | 1.5 | 0.062 | | | | 2.78 |
| CAOND124014 | 280.5 | 281.5 | 1.0 | 1.625 | | | | 2.80 |
| CAOND124016 | 281.5 | 282.1 | 0.6 | 0.049 | | | | 2.71 |

## Hole number: KLUC19-542

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
282.00, 282.10, LWC, MOD, 30.00, -, -, -, sharp and fractured

**Major:** **From:** 282.10 **To:** 292.00 V8Gs, Trachyte green spotted

Amp-porphyry intrusive Composition: Dark greenish grey, very fine grained and massive with 1-2% fine grained amphibole phenocrysts, dominantly massive texture; V8Gs - Trachyte greenspotted Magnetism: Moderate to strongly magnetic. Veinning: 2-3% irregular and discontinuous calcite veinlets; a couple of Qtz-Carb veins Structure: Undeformed. Alteration: Epidote, Calcite, Chl Mineralization: Py in stringers, patches and local disseminations Lower Contact: 50°

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
284.80, 292.00, PYR, DIS, 3.00, -, FGR, locally in stringers
288.00, 292.00, PYR, FRF, 1.00, -, FGR, 1-2% mm scale fracture filling PY

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
291.60, 292.00, FRA, MOD, 50.00, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124017 | 282.1 | 283.5 | 1.4 | 0.196 | | | | 2.94 |
| CAOND124018 | 283.5 | 285.0 | 1.5 | 0.020 | | | | 2.94 |
| CAOND124019 | 285.0 | 286.5 | 1.5 | 0.092 | | | | 2.94 |
| CAOND124021 | 286.5 | 288.0 | 1.5 | 0.480 | | | | 2.89 |
| CAOND124022 | 288.0 | 289.5 | 1.5 | 0.163 | | | | 2.88 |
| CAOND124023 | 289.5 | 291.0 | 1.5 | 0.558 | | | | 2.91 |
| CAOND124024 | 291.0 | 292.0 | 1.0 | 1.120 | | | | 2.95 |

**Major:** **From:** 292.00 **To:** 320.70 I2Dmp, Syenite mafic porphyryitic

Fspar & Amp porphyry intrusive Composition: generally greenish grey to passage of medium brick-reddish very fine grained matrxi with fine grained amp phenocrysts and 5-8% fine grained fspar phenocrysts, 1-2% irregular and random mafic xenoliths, porphyritic texture; I2Dmp - Syenite mafic porphyry. Magnetism: Weak to moderate magnetic. Veinning: approx 1% Qtz-calcite veinlets; locally Kspar veins with Py associated Structure: Undeformed. Alteration: Pervasive kspar alteration over ~3m passage and in local patches/bands, Chl, locally patches of Epidote. Mineralization: 1-2% very fine to fine grained disseminated Py. Lower Contact: transitional, approx angle 60°

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
292.00, 295.80, PYR, FRF, 2.00, -, FGR, Chaotic mm scale fracture filling PY
297.00, 299.50, PYR, FRF, 3.00, -, FGR, -
300.80, 304.80, PYR, FRF, 5.00, -, FGR, locally Py veins associated to Kspar(0.5 cm to 1.5cm), also disseminated along the core

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
308.30, 308.70, FRA, MOD, 65.00, -, -, -, locally rubbled
320.60, 320.70, LWC, WEAK, 60.00, -, -, -, transitional

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
292.10, 294.40, QtzCbt, 3.00, -, -, -, -, GRY2_BASIC, -, -, PYR, .50, Pale grey to white 0.5cm thick

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124026 | 292.0 | 293.5 | 1.5 | 0.112 | | | | 2.76 |
| CAOND124027 | 293.5 | 295.0 | 1.5 | 0.089 | | | | 2.78 |
| CAOND124028 | 295.0 | 296.5 | 1.5 | 0.042 | | | | 2.77 |
| CAOND124029 | 296.5 | 298.0 | 1.5 | 0.069 | | | | 2.83 |
| CAOND124031 | 298.0 | 299.5 | 1.5 | 0.183 | | | | 2.84 |
| CAOND124032 | 299.5 | 301.0 | 1.5 | 0.168 | | | | 2.78 |
| CAOND124033 | 301.0 | 302.5 | 1.5 | 0.083 | | | | 2.79 |
| CAOND124067 | 302.5 | 303.5 | 1.0 | 0.092 | | | | 2.81 |
| CAOND124034 | 303.5 | 304.0 | 0.5 | 0.090 | | | | 2.87 |
| CAOND124035 | 304.0 | 305.5 | 1.5 | 0.069 | | | | 2.81 |
| CAOND124036 | 305.5 | 307.0 | 1.5 | 0.111 | | | | 2.81 |
| CAOND124037 | 307.0 | 308.5 | 1.5 | 0.118 | | | | 2.82 |
| CAOND124038 | 308.5 | 310.0 | 1.5 | 0.170 | | | | 2.81 |
| CAOND124039 | 310.0 | 311.5 | 1.5 | 0.183 | | | | 2.79 |
| CAOND124040 | 311.5 | 313.0 | 1.5 | 0.140 | | | | 2.82 |
| CAOND124041 | 313.0 | 314.5 | 1.5 | 0.301 | | | | 2.82 |
| CAOND124042 | 314.5 | 316.0 | 1.5 | 0.202 | | | | 2.80 |

**Hole number:** KLUC19-542

chaotic qtz-carb veinning with 0.5 PY and local trace of CP
303.70, 303.80, PYR, 30.00, 80.00, -, -, -, YLW2_BASIC, 4.00, BAN, PYR, 30.00, associated to Kspar veins

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124043 | 316.0 | 317.5 | 1.5 | 0.131 | | | | 2.81 |
| CAOND124044 | 317.5 | 319.0 | 1.5 | 0.030 | | | | 2.80 |
| CAOND124046 | 319.0 | 320.0 | 1.0 | 0.030 | | | | 2.80 |
| CAOND124047 | 320.0 | 320.7 | 0.7 | 0.050 | | | | 2.80 |

**Major: From:** 320.70 **To:** 334.30 I2Dp, Porphyritic Syenite

Fspar porphyry intrusive Composition:Dark purplish, fspar only phenocrysts and porphyritic texture; I2Dp - Syenite porphyry. Magnetism: Weak to non magnetic Veinning: Less than 1% irregular calcite veinlets, locally a Py 5.5 cm vein; Qtz-Ca-Chl 1.5 cm vein. Structure: massive Alteration: Chl, Kspar Mineralization: fine grained, disseminated Py with local vein and veinlet Lower Contact: transitional but sharp @65°

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
320.90, 324.30, PYR, DIS, 5.00, -, FGR, -
324.30, 329.50, PYR, DIS, 2.00, -, FGR, -
329.50, 329.70, PYR, FRF, 30.00, -, FGR, in a vein of 5.5cm and a veinlet of 2mm; also disseminated
330.50, 333.80, PYR, DIS, 7.00, -, FGR, -
333.80, 334.30, PYR, FRF, 10.00, -, FGR, in stringers, also disseminated; 10% PY with 3% fracture filling

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
334.20, 334.30, LWC, WEAK, 65.00, -, -, -, fractured

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
329.50, 329.60, PYR, 55.00, 65.00, -, -, -, YLW2_BASIC, 5.50, BAN, PYR, 45.00, a 5.5 cm Py vein

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124048 | 320.7 | 322.0 | 1.3 | 0.087 | | | | 2.73 |
| CAOND124049 | 322.0 | 323.5 | 1.5 | 0.071 | | | | 2.72 |
| CAOND124051 | 323.5 | 325.0 | 1.5 | 0.133 | | | | 2.72 |
| CAOND124052 | 325.0 | 326.5 | 1.5 | 0.065 | | | | 2.72 |
| CAOND124053 | 326.5 | 328.0 | 1.5 | 0.056 | | | | 2.72 |
| CAOND124054 | 328.0 | 329.3 | 1.3 | 0.043 | | | | 2.65 |
| CAOND124055 | 329.3 | 330.0 | 0.7 | 0.191 | | | | 2.81 |
| CAOND124056 | 330.0 | 331.5 | 1.5 | 0.113 | | | | 2.71 |
| CAOND124057 | 331.5 | 333.0 | 1.5 | 0.055 | | | | 2.72 |
| CAOND124058 | 333.0 | 334.3 | 1.3 | 0.058 | | | | 2.79 |

**Major: From:** 334.30 **To:** 347.30 I2Dmp, Syenite mafic porphyryitic

Amp & Fspar porphyry intrusive Composition: dark greenish grey to locally redish, fine grained matrix with fine grained amp phenocrysts and 5-8% fine grained fspar phenocrysts, 1-2% irregular and random mafic xenoliths, porphyritic texture; I2Dmp - Syenite mafic porphyry. Magnetism: Weakly magnetic. Veinning: less than 1% Qtz-calcite veinlets locally Py associated Structure: locally fractured; low angle lineation by passages Alteration: Pervasive kspar alteration, Chl Mineralization: 2-3% very fine to fine grained disseminated Py. Lower Contact: Sharp and relatively straight oriented at 80 TCA.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
334.30, 336.60, PYR, FRF, 10.00, -, FGR, in stringers, also disseminated; 10% PY with 3% fracture filling
336.60, 339.30, PYR, DIS, 2.00, -, FGR, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124059 | 334.3 | 335.0 | 0.7 | 0.058 | | | | 2.84 |
| CAOND124061 | 335.0 | 336.5 | 1.5 | 0.033 | | | | 2.81 |
| CAOND124062 | 336.5 | 338.0 | 1.5 | 0.033 | | | | 2.76 |
| CAOND124063 | 338.0 | 339.5 | 1.5 | 0.026 | | | | 2.76 |
| CAOND124064 | 339.5 | 341.0 | 1.5 | 0.026 | | | | 2.79 |
| CAOND124065 | 341.0 | 342.0 | 1.0 | 0.035 | | | | 2.80 |
| CAOND124066 | 342.0 | 343.0 | 1.0 | 0.042 | | | | 2.80 |
| CAOND124068 | 343.0 | 344.5 | 1.5 | 0.027 | | | | 2.83 |

**Hole number:** KLUC19-542

339.30, 343.00, PYR, FRF, 5.00, -, FGR, also disseminated and in local clusters; 2-3% disseminated and clustered with 1-2% fracture filling
343.00, 347.30, PYR, DIS, 2.00, -, VFG, 2-3% v.fgr. diss PY

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
335.00, 336.00, FRA, MOD, 30.00, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124069 | 344.5 | 346.0 | 1.5 | 0.044 | | | | 2.81 |
| CAOND124071 | 346.0 | 347.3 | 1.3 | 0.041 | | | | 2.78 |

**Major: From:** 347.30 **To:** 437.00 V8Gs, Trachyte green spotted

Amp-only porphyry intrusion Composition: Medium to dark brownish green, fine grained and massive matrix with 1-3% fine grained AMP phenocrysts; V8Gs - Trachyte greenspotted Magnetism: Strong magnetism. Veinning: 1% discontinous fracture filled cal and 1-2% Py fracture filled veins (0.5-1cm thick). Structure: Undeformed. Alteration: Moderate to strong patches of EP alteration Mineralization: 2-3% up to 5% v.f and fgr diss. Py occuring in clusters, 1-2% fracture filled PY locally. Lower Contact: Sharp but irregular. Minor unit: 415.2 - 416.9m = syenite porphyry intrusion.

**MINOR INTERVAL**
415.20 - 416.90: I2Dpfspar dominant porphyry. Composition: Medium reddish colour, 20-25% fine to medium graiend fspar phenocrysts and 1-2% fine grained amp phenocrysts, porphyry texture; I2Dp - Syenite porphyry. Magnetism: Strongy magnetic. Veinning: 1-2% irregular cal-chl and 1% Py fracture filling veinning Structure: Undeformed. Alteration: Moderate pervasive hem alt. Mineralization: 1-2% diss. Py and 1% fracture filling. Lower Contact: Sharp with 1-2cm thick alteration rim; oriented at 80 TCA.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
347.30, 348.00, PYR, FRF, 1.00, -, VFG, 0.5-1% mm scale fracture filled Py and 5% disseminated Py
348.00, 350.90, PYR, DIS, 3.00, -, FGR, 3% diss. Py with rare Py clustered in fractures
350.90, 351.50, PYR, FRF, 2.00, -, VFG, 2% mm scale fracture filled PY and 3% diss. PY
351.50, 354.00, PYR, PAT, 2.00, -, VFG, 2% patches of very fien grained disseminated Py dominantly occuring in Ep patches
354.00, 357.00, PYR, FRF, 1.00, -, VFG, 0.5-1% fracture filled and 5-8% very fine grained diss. Py
357.00, 359.50, PYR, DIS, 1.00, -, VFG, 1-2% diss Py with 1x 1cm thick PY vein at 357.1m
359.50, 361.80, PYR, FRF, 2.00, -, VFG, 2% mm scale fracture filled Py with 10-15% disseminated Py throughout
361.80, 368.10, PYR, FRF, 2.00, -, VFG, 2% fracture filled Py with 2-3% diss. PY occuring in clusters
368.10, 371.10, PYR, DIS, 1.00, -, VFG, 1% diss. Py locally clustered
371.10, 371.70, PYR, FRF, 2.00, -, VFG, 1% fracture filling PY with 2-3% clusters of diss. PY
371.70, 373.10, PYR, DIS, 2.00, -, FGR, 2-3% diss. PY
373.10, 373.70, PYR, FRF, .50, -, VFG, 0.5% fracture filled Py and 1-2% clustered of diss. PY
373.70, 374.40, PYR, DIS, 2.00, -, VFG, 2-3% diss. Py
374.40, 378.80, PYR, FRF, 2.00, -, FGR, 2-3% mm scale fracture filled Py and 2-3% diss Py
378.80, 379.10, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained diss. Py
379.10, 379.30, PYR, FRF, 1.00, -, VFG, 1% fracture filled and 1-2% clusters of diss. Py

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124072 | 347.3 | 348.5 | 1.2 | 0.054 | | | | 2.89 |
| CAOND124073 | 348.5 | 350.0 | 1.5 | 0.045 | | | | 2.90 |
| CAOND124074 | 350.0 | 351.5 | 1.5 | 0.045 | | | | 2.89 |
| CAOND124076 | 351.5 | 353.0 | 1.5 | 0.040 | | | | 2.86 |
| CAOND124077 | 353.0 | 354.5 | 1.5 | 0.088 | | | | 2.85 |
| CAOND124078 | 354.5 | 355.5 | 1.0 | 0.038 | | | | 2.82 |
| CAOND124079 | 355.5 | 356.5 | 1.0 | 0.081 | | | | 2.84 |
| CAOND124081 | 356.5 | 357.5 | 1.0 | 0.040 | | | | 2.86 |
| CAOND124082 | 357.5 | 358.5 | 1.0 | 0.135 | | | | 2.86 |
| CAOND124083 | 358.5 | 359.5 | 1.0 | 0.412 | | | | 2.83 |
| CAOND124084 | 359.5 | 360.5 | 1.0 | 1.615 | | | | 2.87 |
| CAOND124085 | 360.5 | 362.0 | 1.5 | 0.161 | | | | 2.76 |
| CAOND124086 | 362.0 | 363.5 | 1.5 | 0.100 | | | | 2.76 |
| CAOND124087 | 363.5 | 365.0 | 1.5 | 0.147 | | | | 2.86 |
| CAOND124088 | 365.0 | 366.5 | 1.5 | 0.327 | | | | 2.86 |
| CAOND124089 | 366.5 | 368.0 | 1.5 | 0.857 | | | | 2.90 |
| CAOND124091 | 368.0 | 369.5 | 1.5 | 0.060 | | | | 2.88 |
| CAOND124092 | 369.5 | 371.0 | 1.5 | 0.052 | | | | 2.88 |
| CAOND124093 | 371.0 | 372.0 | 1.0 | 1.080 | | | | 2.88 |
| CAOND124094 | 372.0 | 373.0 | 1.0 | 0.133 | | | | 2.91 |
| CAOND124095 | 373.0 | 374.5 | 1.5 | 0.309 | | | | 2.97 |
| CAOND124096 | 374.5 | 376.0 | 1.5 | 1.520 | | | | 2.90 |
| CAOND124097 | 376.0 | 377.5 | 1.5 | 1.495 | | | | 2.92 |
| CAOND124098 | 377.5 | 378.5 | 1.0 | 0.852 | | | | 2.91 |
| CAOND124099 | 378.5 | 380.0 | 1.5 | 0.262 | | | | 2.89 |
| CAOND124101 | 380.0 | 381.5 | 1.5 | 0.167 | | | | 2.91 |
| CAOND124102 | 381.5 | 383.0 | 1.5 | 0.089 | | | | 2.87 |

**Hole number:** KLUC19-542

379.30, 380.20, PYR, DIS, 1.00, -, VFG, -
380.20, 380.70, PYR, FRF, 1.00, -, -, 1% fracture filled and 1-2% diss. PY
380.70, 384.20, PYR, PAT, 1.00, -, VFG, 1-2% patchy and clustered PY
384.20, 386.20, PYR, FRF, 1.00, -, VFG, 1% fracture filled Py and 2-3% diss. Py
386.20, 388.30, PYR, DIS, 2.00, -, VFG, 2-3% diss. Py
388.30, 388.80, PYR, FRF, 1.00, -, VFG, 1% fracture filled and 2-3% diss. Py
388.80, 389.70, PYR, DIS, 2.00, -, VFG, 2-3% diss. Py
389.70, 392.10, PYR, FRF, 1.00, -, VFG, 1-2% fracture filled and 2-3% up to 5% diss. Py
392.10, 393.30, PYR, DIS, 3.00, -, FGR, 3-5% diss. Py
393.30, 397.00, PYR, DIS, 1.00, -, VFG, 1-2% diss. Py
397.00, 401.00, PYR, DIS, 2.00, -, VFG, 2-3% diss Py with 0.5% fracture filled Py
401.00, 402.80, PYR, PAT, 1.00, -, VFG, 1-2% patches of diss. PY, 0.5% fracture filled Py
402.80, 405.00, PYR, DIS, 3.00, -, VFG, 3-5% diss. Py and 0.5-1% fracture filled
405.00, 407.00, PYR, PAT, 2.00, -, FGR, 2-3% patchy and diss. PY
407.00, 411.30, PYR, PAT, 1.00, -, FGR, 1-2% patchy and diss. Py
411.30, 415.20, PYR, PAT, 3.00, -, FGR, 3% patchy and diss. Py
413.00, 415.20, PYR, FRF, 2.00, -, VFG, 2% fractured filled PY
415.20, 416.90, PYR, FRF, 1.00, -, VFG, 1% fracture filled and 1-2% diss. Py
416.90, 418.00, PYR, DIS, 1.00, -, VFG, 1-2% diss py and rare fracture filled
418.00, 419.00, PYR, FRF, 1.00, -, VFG, 1% fracture filling and 3-5% diss. Py
419.00, 420.00, PYR, DIS, 2.00, -, FGR, 2-3% diss. Py
420.00, 420.60, PYR, FRF, 1.00, -, VFG, 1% fracture filling and 3% diss. PY
420.60, 424.00, PYR, DIS, 1.00, -, VFG, 1-2% diss. Py and 0.5-1% fracture filled PY
424.00, 425.20, PYR, PAT, 2.00, -, FGR, 2-3% patches of diss. Py
425.20, 426.30, PYR, FRF, 1.00, -, VFG, 1% fracture filling and 3-5% diss. PY
426.30, 429.20, PYR, PAT, 1.00, -, VFG, 1% patches of diss. Py
429.20, 430.00, PYR, PAT, 3.00, -, VFG, 3-5% patches of diss. Py
430.00, 432.00, PYR, PAT, 2.00, -, VFG, 2-3% patches of diss. Py
432.00, 436.70, PYR, DIS, .50, -, VFG, 0.5-1% diss. Py
436.70, 437.00, PYR, PAT, 2.00, -, VFG, 2% patches of PY

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
347.30, 437.00, EPD+, PAT, MOD, -, -, -, Moderate to strong random patches of Ep alteration
360.00, 362.20, K+, PAT, MOD, -, -, -, Moderate potassic alteration observed as a brownish colour
403.00, 411.00, K+, PAT, WEAK, -, -, -, Weak to moderate patchy to pervasive potassic alteration (dark purplish brown)
415.20, 416.90, HEM+, PEN, MOD, -, -, -, -
436.70, 437.00, K+, PEN, WEAK, -, -, -, Weak potassic alteration at contact between V8Gs and I2Dp

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/CON

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124103 | 383.0 | 384.2 | 1.2 | 0.099 | | | | 2.88 |
| CAOND124104 | 384.2 | 385.5 | 1.3 | 0.406 | | | | 2.88 |
| CAOND124105 | 385.5 | 387.0 | 1.5 | 0.346 | | | | 2.91 |
| CAOND124106 | 387.0 | 388.3 | 1.3 | 0.475 | | | | 2.91 |
| CAOND124107 | 388.3 | 389.5 | 1.2 | 0.429 | | | | 2.91 |
| CAOND124108 | 389.5 | 391.0 | 1.5 | 0.268 | | | | 2.95 |
| CAOND124109 | 391.0 | 392.5 | 1.5 | 0.334 | | | | 2.97 |
| CAOND124110 | 392.5 | 394.0 | 1.5 | 0.067 | | | | 2.92 |
| CAOND124111 | 394.0 | 395.5 | 1.5 | 0.046 | | | | 2.83 |
| CAOND124112 | 395.5 | 397.0 | 1.5 | 0.121 | | | | 2.89 |
| CAOND124113 | 397.0 | 398.5 | 1.5 | 0.089 | | | | 2.81 |
| CAOND124114 | 398.5 | 400.0 | 1.5 | 0.082 | | | | 2.86 |
| CAOND124116 | 400.0 | 401.5 | 1.5 | 0.177 | | | | 2.83 |
| CAOND124117 | 401.5 | 403.0 | 1.5 | 0.043 | | | | 2.90 |
| CAOND124118 | 403.0 | 404.5 | 1.5 | 0.073 | | | | 2.86 |
| CAOND124119 | 404.5 | 406.0 | 1.5 | 0.242 | | | | 2.80 |
| CAOND124121 | 406.0 | 407.5 | 1.5 | 1.500 | | | | 2.82 |
| CAOND124122 | 407.5 | 409.0 | 1.5 | 0.281 | | | | 2.79 |
| CAOND124123 | 409.0 | 410.5 | 1.5 | 0.138 | | | | 2.74 |
| CAOND124124 | 410.5 | 412.0 | 1.5 | 0.525 | | | | 2.80 |
| CAOND124126 | 412.0 | 413.0 | 1.0 | 0.831 | | | | 2.92 |
| CAOND124127 | 413.0 | 414.0 | 1.0 | 1.855 | | | | 2.89 |
| CAOND124128 | 414.0 | 415.2 | 1.2 | 1.180 | | | | 2.90 |
| CAOND124129 | 415.2 | 416.0 | 0.8 | 0.340 | | | | 2.65 |
| CAOND124131 | 416.0 | 416.9 | 0.9 | 0.290 | | | | 2.74 |
| CAOND124132 | 416.9 | 418.0 | 1.1 | 2.940 | | | | 2.90 |
| CAOND124133 | 418.0 | 419.0 | 1.0 | 3.700 | | | | 2.94 |
| CAOND124134 | 419.0 | 420.0 | 1.0 | 4.250 | | | | 2.93 |
| CAOND124135 | 420.0 | 421.0 | 1.0 | 0.765 | | | | 2.96 |
| CAOND124136 | 421.0 | 422.0 | 1.0 | 0.633 | | | | 2.95 |
| CAOND124137 | 422.0 | 423.5 | 1.5 | 0.346 | | | | 2.93 |
| CAOND124138 | 423.5 | 425.0 | 1.5 | 0.741 | | | | 2.93 |
| CAOND124139 | 425.0 | 426.5 | 1.5 | 5.390 | | | | 2.89 |

## Hole number: KLUC19-542

NTS
357.00, 357.10, PYR, 10.00, 90.00, -, -, -, -, 1.00, -, PYR, 95.00, 1cm thick Py vein with wavy contacts oriented at 90 TCA
360.10, 360.20, PYR, 10.00, 50.00, -, -, -, -, 1.00, -, PYR, 95.00, 1cm thick Py vein with contacts oriented at 60 TCA
397.70, 397.80, PYR, 10.00, -, -, -, -, -, 1.00, -, PYR, 40.00, 1cm thick cal vein with 40% Py
403.20, 403.30, PYR, 5.00, -, -, -, -, -, .50, -, PYR, 85.00, 0.5cm thick vein with 85% PY
404.60, 404.70, PYR, 5.00, -, -, -, -, -, .50, -, PYR, 100.00, 0.5cm thick massive PY vein
434.40, 434.50, PYR, 4.00, -, -, -, -, -, .40, -, PYR, 90.00, 4mm thick PY filled fracture

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124140 | 426.5 | 428.0 | 1.5 | 0.716 | | | | 2.91 |
| CAOND124141 | 428.0 | 429.1 | 1.1 | 1.865 | | | | 2.94 |
| CAOND124142 | 429.1 | 430.0 | 0.9 | 0.526 | | | | 2.95 |
| CAOND124143 | 430.0 | 431.5 | 1.5 | 0.313 | | | | 2.95 |
| CAOND124144 | 431.5 | 433.0 | 1.5 | 0.077 | | | | 2.94 |
| CAOND124146 | 433.0 | 434.0 | 1.0 | 0.035 | | | | 2.89 |
| CAOND124147 | 434.0 | 435.0 | 1.0 | 0.104 | | | | 2.90 |
| CAOND124148 | 435.0 | 436.0 | 1.0 | 0.143 | | | | 2.92 |
| CAOND124149 | 436.0 | 437.0 | 1.0 | 0.082 | | | | 2.88 |

**Major:** **From:** 437.00 **To:** 440.50 I2Dp, Porphyritic Syenite

Fspar dominant porphyry. Composition: Pale to medium pink, medium purplish grey, 15-20% medium to coarse grained fspar phenocrysts and 0.5-1% very fine grained amp phenocrysts; porphyritic texture; I2Dp - Syenite porphyry. Magnetism: Non magnetic. Veinning: <1% fracture filled calcite. Structure: None. Alteration: Weak to moderate patchy kspar alteration. Mineralization: 2-3% very fien grained diss. Py. Lower Contact: Sharp but irregular. Minor units: 439.4-439.6m = 15cm thick V8Gs

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
437.00, 440.50, PYR, DIS, 2.00, -, VFG, 2-3% diss. Py

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124151 | 437.0 | 438.0 | 1.0 | 0.067 | | | | 2.70 |
| CAOND124152 | 438.0 | 439.4 | 1.4 | 0.066 | | | | 2.73 |
| CAOND124153 | 439.4 | 440.6 | 1.2 | 0.049 | | | | 2.72 |

**Major:** **From:** 440.50 **To:** 442.30 V8Gs, Trachyte green spotted

Amp-dominant porphyry Composition: Dark greenish grey, 8-10% fine grained amp phenocrysts; V8Gs - Trachyte greenspotted. Magnetism: Weakly magnetic. Veinning: 1% discontinuous fracture filled calcite and 0.5% fracture filled PY Structure: None observed. Alteration: None observed. Mineralization: 1-2 locally up to 5% PY and 1% fracture filled. Lower Contact: Sharp but irregular and jagged. Minor units: 10cm thick irregular junk of adjacent I2Dp.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
440.50, 441.00, PYR, PAT, 5.00, -, FGR, 5% patchy and diss. PY with rare fracture filled PY
441.00, 442.30, PYR, FRF, 1.00, -, VFG, 1% fracture filling and 1% patchy and diss. PY

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124154 | 440.6 | 441.5 | 0.9 | 0.088 | | | | 2.80 |
| CAOND124155 | 441.5 | 442.4 | 0.9 | 0.069 | | | | 2.84 |

**Major:** **From:** 442.30 **To:** 444.90 I2Dp, Porphyritic Syenite

Fspar dominant porphyry. Composition: Pale to medium pink colour, 10-15% medium to coarse grained fspar phenocrysts and 01-2% very fine grained amp phenocrysts; porphyritic texture; I2Dp - Syenite porphyry. Magnetism: Non magnetic. Veinning: 1% fracture filled calcite. Structure: None. Alteration: 1/2 moderate perv. hem and 1/2 carbonate. Mineralization: 10% vfgr Py dusting and 2-3% diss. PY. Lower Contact: Sharp but irregular.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124156 | 442.4 | 443.7 | 1.3 | 0.062 | | | | 2.71 |
| CAOND124157 | 443.7 | 444.9 | 1.2 | 0.083 | | | | 2.67 |

**Hole number:** KLUC19-542

442.30, 443.70, PYR, DIS, 10.00, -, VFG, 10% vfgr. PY dusting
443.70, 444.90, PYR, DIS, 2.00, -, VFG, 2-3% diss. and patchy Py

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
442.30, 443.70, HEM+, PEN, MOD, -, -, -, -
443.70, 444.90, CBT+, PAT, WEAK, -, -, -, -

**Major:** **From:** 444.90 **To:** 480.00 V8Gs, Trachyte green spotted

Amp-only pheno. poprhyry. Composition: Dark greenish grey and dark purplish grey, fine grained massive matrix with 5-10% fine grained randomly distributed amp phenocrysts; weakly porphyritic texture; V8Gs - Trachyte green spotted. Magnetism: Strongly magnetic. Veinning: Rare irregular calcite filled fractures, 3% fracture filled veins 5-10cm thick locally. Structure: Minor interval weakly deformed. Alteration: Weak pervasive potassic alteration. Mineralization: Dominantly 1-2% diss. and patchy Py with local masive Py veins. Lower Contact: Not reached.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
444.90, 455.50, PYR, PAT, 2.00, -, FGR, 2-3% diss. and patchy Py
455.50, 456.00, PYR, FRF, 2.00, -, VFG, 2% irregular frature filled PY
456.00, 457.50, PYR, PAT, 2.00, -, FGR, 2-3% patches of Py
457.50, 458.40, PYR, FRF, 1.00, -, VFG, 1% fracture filled PY and 1-2% vfgr diss. PY
458.40, 463.40, PYR, DIS, 1.00, -, VFG, 1-2% diss. Py and rare fracture filled
463.40, 464.10, PYR, PAT, 3.00, -, VFG, 2-3% diss. and patchy Py
464.10, 468.20, PYR, PAT, 5.00, -, VFG, 5% patchy PY and up to 10% PY dusting
468.20, 470.40, PYR, FRF, 1.00, -, VFG, 1% fracture filling Py and 1-2% diss. and patchy PY
470.40, 476.00, PYR, DIS, 2.00, -, FGR, 2-3% diss. Py with rare fracture filled Py
476.00, 480.00, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained diss. Py

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
444.90, 457.00, K+, PAT, MOD, -, -, -, -
457.00, 461.00, EPD+, PAT, WEAK, -, -, -, -
466.70, 467.30, KFS+, PAT, MOD, -, -, -, Moderate kspar alteration occuring in contact margins of fracture filled PY veinlets

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
450.00, 453.00, DFZ, WEAK, 40.00, -, -, -, Weak to moderate parallel deformation at 40-50 TCA

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
450.80, 451.00, PYR, 20.00, -, -, -, -, -, 1.00, -, PYR, 90.00, 1x 1cm thick discontinous massive PY vein,

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124158 | 444.9 | 446.5 | 1.6 | 0.797 | | | | 2.83 |
| CAOND124159 | 446.5 | 448.0 | 1.5 | 0.165 | | | | 2.78 |
| CAOND124161 | 448.0 | 449.5 | 1.5 | 0.124 | | | | 2.78 |
| CAOND124162 | 449.5 | 450.5 | 1.0 | 0.088 | | | | 2.79 |
| CAOND124163 | 450.5 | 451.5 | 1.0 | 5.320 | | | | 2.84 |
| CAOND124164 | 451.5 | 453.0 | 1.5 | 0.285 | | | | 2.79 |
| CAOND124165 | 453.0 | 454.5 | 1.5 | 0.033 | | | | 2.81 |
| CAOND124166 | 454.5 | 456.0 | 1.5 | 0.027 | | | | 2.81 |
| CAOND124167 | 456.0 | 457.5 | 1.5 | 0.015 | | | | 2.81 |
| CAOND124168 | 457.5 | 459.0 | 1.5 | 0.036 | | | | 2.92 |
| CAOND124169 | 459.0 | 460.5 | 1.5 | 0.043 | | | | 2.87 |
| CAOND124171 | 460.5 | 462.0 | 1.5 | 0.023 | | | | 2.81 |
| CAOND124172 | 462.0 | 463.5 | 1.5 | 0.027 | | | | 2.83 |
| CAOND124173 | 463.5 | 464.7 | 1.2 | 0.120 | | | | 2.88 |
| CAOND124174 | 464.7 | 465.4 | 0.7 | 0.331 | | | | 3.08 |
| CAOND124176 | 465.4 | 466.6 | 1.2 | 0.251 | | | | 2.86 |
| CAOND124177 | 466.6 | 467.4 | 0.8 | 0.265 | | | | 2.90 |
| CAOND124178 | 467.4 | 468.2 | 0.8 | 0.138 | | | | 2.81 |
| CAOND124179 | 468.2 | 469.0 | 0.8 | 0.169 | | | | 2.80 |
| CAOND124181 | 469.0 | 469.8 | 0.8 | 0.151 | | | | 2.78 |
| CAOND124182 | 469.8 | 471.1 | 1.3 | 0.064 | | | | 2.78 |
| CAOND124183 | 471.1 | 471.7 | 0.6 | 0.284 | | | | 2.91 |
| CAOND124184 | 471.7 | 473.0 | 1.3 | 0.022 | | | | 2.77 |
| CAOND124185 | 473.0 | 474.5 | 1.5 | 0.019 | | | | 2.77 |
| CAOND124186 | 474.5 | 475.5 | 1.0 | 0.019 | | | | 2.78 |
| CAOND124187 | 475.5 | 477.0 | 1.5 | 0.026 | | | | 2.77 |
| CAOND124188 | 477.0 | 478.5 | 1.5 | 0.025 | | | | 2.76 |

**Hole number:** KLUC19-542

2x2cm random patch of calcite vein with 90% PY
464.10, 464.20, PYR, 5.00, -, -, -, -, -, .50, -, PYR, 80.00, 5mm thick irregular fracture filled vein with 1cm thick kspar alteration in margins and 80% PY
465.00, 480.00, PYR, 100.00, -, -, -, -, -, 10.00, -, PYR, 85.00, 10cm thick medium grey qtz vein with 85-90% coarse grained PY, 1-2cm thick kspar altered contact margins; oriented at 80 TCA
466.70, 467.30, PYR, 5.00, -, -, -, -, -, .20, -, PYR, 95.00, 6x 2-4mm thick fracture filled PY veinlets with 95-100% PY, 1-5cm thick kspar altered contact margins; oriented at 70-80 TCA
471.30, 471.50, PYR, 25.00, -, -, -, -, -, -, -, PYR, 95.00, 10cm thick interval with irregular network of fracture filling Py containning 95% Py

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124189 | 478.5 | 480.0 | 1.5 | 0.026 | | | | 2.78 |

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 4.7 | 6.0 | 64.00 | 100.00 | | | N | |
| 6.0 | 9.0 | 57.00 | 100.00 | | | N | |
| 9.0 | 12.0 | 100.00 | 100.00 | | | N | |
| 12.0 | 15.0 | 97.00 | 100.00 | | | N | |
| 15.0 | 18.0 | 72.00 | 100.00 | | | N | |
| 18.0 | 21.0 | 93.00 | 100.00 | | | N | |
| 21.0 | 24.0 | 100.00 | 100.00 | | | N | |
| 24.0 | 27.0 | 98.00 | 100.00 | | | N | |
| 27.0 | 30.0 | 100.00 | 100.00 | | | N | |
| 30.0 | 33.0 | 100.00 | 100.00 | | | N | |
| 33.0 | 36.0 | 100.00 | 100.00 | | | N | |
| 36.0 | 39.0 | 100.00 | 100.00 | | | N | |
| 39.0 | 42.0 | 100.00 | 100.00 | | | N | |
| 42.0 | 45.0 | 100.00 | 100.00 | | | N | |
| 45.0 | 48.0 | 100.00 | 100.00 | | | N | |
| 48.0 | 51.0 | 82.00 | 100.00 | | | N | |
| 51.0 | 54.0 | 92.00 | 100.00 | | | N | |
| 54.0 | 57.0 | 90.00 | 100.00 | | | N | |
| 57.0 | 60.0 | 93.00 | 100.00 | | | N | |
| 60.0 | 63.0 | 83.00 | 100.00 | | | N | |
| 63.0 | 66.0 | 88.00 | 100.00 | | | N | |

**Hole number:** KLUC19-542

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 66.0 | 69.0 | 97.00 | 100.00 | | | N | |
| 69.0 | 72.0 | 97.00 | 100.00 | | | N | |
| 72.0 | 75.0 | 83.00 | 100.00 | | | N | |
| 75.0 | 78.0 | 87.00 | 100.00 | | | N | |
| 78.0 | 81.0 | 87.00 | 100.00 | | | N | |
| 81.0 | 84.0 | 83.00 | 100.00 | | | N | |
| 84.0 | 87.0 | 98.00 | 100.00 | | | N | |
| 87.0 | 90.0 | 93.00 | 100.00 | | | N | |
| 90.0 | 93.0 | 100.00 | 100.00 | | | N | |
| 93.0 | 96.0 | 83.00 | 100.00 | | | N | |
| 96.0 | 99.0 | 83.00 | 100.00 | | | N | |
| 99.0 | 102.0 | 87.00 | 100.00 | | | N | |
| 102.0 | 105.0 | 70.00 | 100.00 | | | N | |
| 105.0 | 108.0 | 85.00 | 100.00 | | | N | |
| 108.0 | 111.0 | 73.00 | 100.00 | | | N | |
| 111.0 | 114.0 | 85.00 | 100.00 | | | N | |
| 114.0 | 117.0 | 95.00 | 100.00 | | | N | |
| 117.0 | 120.0 | 100.00 | 100.00 | | | N | |
| 120.0 | 123.0 | 78.00 | 100.00 | | | N | |
| 123.0 | 126.0 | 62.00 | 100.00 | | | N | |
| 126.0 | 129.0 | 92.00 | 100.00 | | | N | |
| 129.0 | 132.0 | 100.00 | 100.00 | | | N | |
| 132.0 | 135.0 | 100.00 | 100.00 | | | N | |
| 135.0 | 138.0 | 85.00 | 100.00 | | | N | |
| 138.0 | 141.0 | 87.00 | 100.00 | | | N | |
| 141.0 | 144.0 | 92.00 | 100.00 | | | N | |
| 144.0 | 147.0 | 97.00 | 100.00 | | | N | |
| 147.0 | 150.0 | 98.00 | 100.00 | | | N | |

**Hole number:** KLUC19-542

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 150.0 | 153.0 | 92.00 | 100.00 | | | N | |
| 153.0 | 156.0 | 83.00 | 100.00 | | | N | |
| 156.0 | 159.0 | 72.00 | 100.00 | | | N | |
| 159.0 | 162.0 | 95.00 | 100.00 | | | N | |
| 162.0 | 165.0 | 80.00 | 100.00 | | | N | |
| 165.0 | 168.0 | 77.00 | 100.00 | | | N | |
| 168.0 | 171.0 | 88.00 | 100.00 | | | N | |
| 171.0 | 174.0 | 93.00 | 100.00 | | | N | |
| 174.0 | 177.0 | 93.00 | 100.00 | | | N | |
| 177.0 | 180.0 | 90.00 | 100.00 | | | N | |
| 180.0 | 183.0 | 90.00 | 100.00 | | | N | |
| 183.0 | 186.0 | 93.00 | 100.00 | | | N | |
| 186.0 | 189.0 | 98.00 | 100.00 | | | N | |
| 189.0 | 192.0 | 98.00 | 100.00 | | | N | |
| 192.0 | 195.0 | 92.00 | 100.00 | | | N | |
| 195.0 | 198.0 | 98.00 | 100.00 | | | N | |
| 198.0 | 201.0 | 90.00 | 100.00 | | | N | |
| 201.0 | 204.0 | 97.00 | 100.00 | | | N | |
| 204.0 | 207.0 | 100.00 | 100.00 | | | N | |
| 207.0 | 210.0 | 100.00 | 100.00 | | | N | |
| 210.0 | 213.0 | 92.00 | 100.00 | | | N | |
| 213.0 | 216.0 | 97.00 | 100.00 | | | N | |
| 216.0 | 219.0 | 95.00 | 100.00 | | | N | |
| 219.0 | 222.0 | 95.00 | 100.00 | | | N | |
| 222.0 | 225.0 | 95.00 | 100.00 | | | N | |
| 225.0 | 228.0 | 97.00 | 100.00 | | | N | |
| 228.0 | 231.0 | 98.00 | 100.00 | | | N | |
| 231.0 | 234.0 | 98.00 | 100.00 | | | N | |

**Hole number:** KLUC19-542

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 234.0 | 237.0 | 97.00 | 100.00 | | | N | |
| 237.0 | 240.0 | 90.00 | 100.00 | | | N | |
| 240.0 | 243.0 | 97.00 | 100.00 | | | N | |
| 243.0 | 246.0 | 83.00 | 100.00 | | | N | |
| 246.0 | 249.0 | 90.00 | 100.00 | | | N | |
| 249.0 | 252.0 | 87.00 | 100.00 | | | N | |
| 252.0 | 255.0 | 92.00 | 100.00 | | | N | |
| 255.0 | 258.0 | 95.00 | 100.00 | | | N | |
| 258.0 | 261.0 | 100.00 | 100.00 | | | N | |
| 261.0 | 264.0 | 92.00 | 100.00 | | | N | |
| 264.0 | 267.0 | 98.00 | 100.00 | | | N | |
| 267.0 | 270.0 | 97.00 | 100.00 | | | N | |
| 270.0 | 273.0 | 90.00 | 100.00 | | | N | |
| 273.0 | 276.0 | 87.00 | 100.00 | | | N | |
| 276.0 | 279.0 | 97.00 | 100.00 | | | N | |
| 279.0 | 282.0 | 96.00 | 100.00 | | | N | |
| 282.0 | 285.0 | 80.00 | 100.00 | | | N | |
| 285.0 | 288.0 | 97.00 | 100.00 | | | N | |
| 288.0 | 291.0 | 93.00 | 100.00 | | | N | |
| 291.0 | 294.0 | 80.00 | 100.00 | | | N | |
| 294.0 | 297.0 | 80.00 | 100.00 | | | N | |
| 297.0 | 300.0 | 95.00 | 100.00 | | | N | |
| 300.0 | 303.0 | 97.00 | 100.00 | | | N | |
| 303.0 | 306.0 | 92.00 | 100.00 | | | N | |
| 306.0 | 309.0 | 83.00 | 100.00 | | | N | |
| 309.0 | 312.0 | 87.00 | 100.00 | | | N | |
| 312.0 | 315.0 | 98.00 | 100.00 | | | N | |
| 315.0 | 318.0 | 93.00 | 100.00 | | | N | |

**Hole number:** KLUC19-542

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 318.0 | 321.0 | 95.00 | 100.00 | | | N | |
| 321.0 | 324.0 | 97.00 | 100.00 | | | N | |
| 324.0 | 327.0 | 95.00 | 100.00 | | | N | |
| 327.0 | 330.0 | 95.00 | 100.00 | | | N | |
| 330.0 | 333.0 | 90.00 | 100.00 | | | N | |
| 333.0 | 336.0 | 58.00 | 100.00 | | | N | |
| 336.0 | 339.0 | 78.00 | 100.00 | | | N | |
| 339.0 | 342.0 | 100.00 | 100.00 | | | N | |
| 342.0 | 345.0 | 100.00 | 100.00 | | | N | |
| 345.0 | 348.0 | 100.00 | 100.00 | | | N | |
| 348.0 | 351.0 | 100.00 | 100.00 | | | N | |
| 351.0 | 354.0 | 100.00 | 100.00 | | | N | |
| 354.0 | 357.0 | 100.00 | 100.00 | | | N | |
| 357.0 | 360.0 | 100.00 | 100.00 | | | N | |
| 360.0 | 363.0 | 100.00 | 100.00 | | | N | |
| 363.0 | 366.0 | 100.00 | 100.00 | | | N | |
| 366.0 | 369.0 | 100.00 | 100.00 | | | N | |
| 369.0 | 372.0 | 100.00 | 100.00 | | | N | |
| 372.0 | 375.0 | 100.00 | 100.00 | | | N | |
| 375.0 | 378.0 | 100.00 | 100.00 | | | N | |
| 378.0 | 381.0 | 83.00 | 100.00 | | | N | |
| 381.0 | 384.0 | 88.00 | 100.00 | | | N | |
| 384.0 | 387.0 | 88.00 | 100.00 | | | N | |
| 387.0 | 390.0 | 93.00 | 100.00 | | | N | |
| 390.0 | 393.0 | 88.00 | 100.00 | | | N | |
| 393.0 | 396.0 | 88.00 | 100.00 | | | N | |
| 396.0 | 399.0 | 63.00 | 100.00 | | | N | |
| 399.0 | 402.0 | 83.00 | 100.00 | | | N | |

**Hole number:** KLUC19-542

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 402.0 | 405.0 | 83.00 | 100.00 | | | N | |
| 405.0 | 408.0 | 87.00 | 100.00 | | | N | |
| 408.0 | 411.0 | 100.00 | 100.00 | | | N | |
| 411.0 | 414.0 | 100.00 | 100.00 | | | N | |
| 414.0 | 417.0 | 100.00 | 100.00 | | | N | |
| 417.0 | 420.0 | 100.00 | 100.00 | | | N | |
| 420.0 | 423.0 | 100.00 | 100.00 | | | N | |
| 423.0 | 426.0 | 97.00 | 100.00 | | | N | |
| 426.0 | 429.0 | 95.00 | 100.00 | | | N | |
| 429.0 | 432.0 | 100.00 | 100.00 | | | N | |
| 432.0 | 435.0 | 100.00 | 100.00 | | | N | |
| 435.0 | 438.0 | 87.00 | 100.00 | | | N | |
| 438.0 | 441.0 | 93.00 | 100.00 | | | N | |
| 441.0 | 444.0 | 95.00 | 100.00 | | | N | |
| 444.0 | 447.0 | 67.00 | 100.00 | | | N | |
| 447.0 | 450.0 | 87.00 | 100.00 | | | N | |
| 450.0 | 453.0 | 93.00 | 100.00 | | | N | |
| 453.0 | 456.0 | 90.00 | 100.00 | | | N | |
| 456.0 | 459.0 | 100.00 | 100.00 | | | N | |
| 459.0 | 462.0 | 100.00 | 100.00 | | | N | |
| 462.0 | 465.0 | 100.00 | 100.00 | | | N | |
| 465.0 | 468.0 | 100.00 | 100.00 | | | N | |
| 468.0 | 471.0 | 97.00 | 100.00 | | | N | |
| 471.0 | 474.0 | 95.00 | 100.00 | | | N | |
| 474.0 | 477.0 | 98.00 | 100.00 | | | N | |
| 477.0 | 480.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC19-542

AGNICO EAGLE

# DRILL HOLE REPORT

EXPLORATION CANADA
ONTARIO

**Hole number:** KLUC19-543 **Project Number:** U_Canada **Project name:** Upper Canada

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Historic hole number:** | | **Collar survey:** | Y | **From:** | 0.0 | **Coordinates:** | P |
| **System:** | METRIC | **Verified:** | N | **To:** | 426.0 | **Grid:** | UTM83-17_CSRS-2010: |
| **Target:** | UC_NORTHLAND | **Gas:** | N | **Depth:** | 426.0 | **North:** | 5,332,612.05 |
| **No. Claim:** | PAT-18822 | **Multishot survey:** | Y | **Location:** | Surface | **East:** | 585,489.70 |
| **Year:** | 2 019 | **Is making water:** | N | **Core storage:** | Exploration Camp | **Elevation:** | 358.02 |
| **Date started:** | 2019-05-20 | **Object in hole:** | N | **Contractor:** | Asinii Drilling | **Collar dip:** | -49.36 |
| **Date logged:** | 2019-06-12 | **Pulse EM survey:** | N | **Logged by:** | Ana Moldoveanu | **Collar azimuth:** | 348.02 |
| **Date completed:** | 2019-05-23 | **Plugged:** | Y | **Signature:** | Mélanie Bouchard | | |
| **Core size:** | NQ | **Cemented:** | Y | | | | |
| **Hole type:** | EXP | **Branch:** | N | | | | |
| **Casing:** | Left in Hole | **Reserve:** | N | | | | |
| **Logging status:** | Signed | | | | | | |
| **Rig number:** | 2501 | | | | | | |

**Additional sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Proposed hole: UCP19-039. New and improved Asinii II drill Rig: 2501. Targeting: Northland - West of diabase. Block error at between 303-306m, hole was actually drilled 3m less.

## Assay average

| Average type | From | To | Length | Width | Zone | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Pb_ppm | Ni_ppm | As_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WEIGHTED | 43.0 | 46.9 | 3.9 | | | 1.209 | | | | | | |
| WEIGHTED | 302.7 | 315.0 | 12.3 | | | 0.988 | | | | | | |
| WEIGHTED | 327.7 | 328.3 | 0.6 | | | 1.015 | | | | | | |
| WEIGHTED | 347.5 | 349.0 | 1.5 | | | 1.360 | | | | | | |
| WEIGHTED | 354.9 | 356.0 | 1.1 | | | 1.100 | | | | | | |

## Survey data

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 349.61 | -50.78 | G | | North Seaker Gyro |
| 10.0 | 349.52 | -50.68 | G | O | North Seaker Gyro |
| 20.0 | 349.45 | -50.56 | G | O | North Seaker Gyro |
| 40.0 | 349.54 | -50.43 | G | O | North Seaker Gyro |
| 50.0 | 349.35 | -50.33 | G | O | North Seaker Gyro |
| 0.0 | 348.02 | -49.36 | S | O | Surveyed direction (az corrected true North) |
| 15.0 | 349.60 | -50.50 | EZ | | 55856 |
| 30.0 | 349.40 | -50.50 | G | O | North Seaker Gyro |
| 45.0 | 352.00 | -50.40 | EZ | | 55408 |
| 60.0 | 349.44 | -50.39 | G | O | North Seaker Gyro |

## Hole number: KLUC19-543

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 70.0 | 349.66 | -50.35 | G | O | North Seaker Gyro |
| 80.0 | 349.79 | -50.49 | G | O | North Seaker Gyro |
| 100.0 | 349.87 | -50.44 | G | O | North Seaker Gyro |
| 110.0 | 349.99 | -50.45 | G | O | North Seaker Gyro |
| 130.0 | 349.92 | -50.39 | G | O | North Seaker Gyro |
| 140.0 | 350.01 | -50.39 | G | O | North Seaker Gyro |
| 160.0 | 350.17 | -50.29 | G | O | North Seaker Gyro |
| 170.0 | 350.28 | -50.26 | G | O | North Seaker Gyro |
| 190.0 | 350.41 | -50.27 | G | O | North Seaker Gyro |
| 200.0 | 350.59 | -50.21 | G | O | North Seaker Gyro |
| 220.0 | 350.61 | -50.24 | G | O | North Seaker Gyro |
| 230.0 | 350.60 | -50.21 | G | O | North Seaker Gyro |
| 250.0 | 350.42 | -50.09 | G | O | North Seaker Gyro |
| 260.0 | 350.29 | -50.05 | G | O | North Seaker Gyro |
| 280.0 | 350.34 | -50.01 | G | O | North Seaker Gyro |
| 290.0 | 350.36 | -49.99 | G | O | North Seaker Gyro |
| 310.0 | 350.57 | -49.97 | G | O | North Seaker Gyro |
| 320.0 | 350.65 | -49.95 | G | O | North Seaker Gyro |
| 340.0 | 350.75 | -49.84 | G | O | North Seaker Gyro |
| 375.0 | 350.40 | -49.60 | EZ | O | 54654 |
| 75.0 | 352.70 | -50.30 | EZ | | 55306 |
| 90.0 | 349.88 | -50.43 | G | O | North Seaker Gyro |
| 105.0 | 351.30 | -50.20 | EZ | | 54785 |
| 120.0 | 349.85 | -50.38 | G | O | North Seaker Gyro |
| 135.0 | 352.40 | -50.30 | EZ | | 54764 |
| 150.0 | 350.09 | -50.36 | G | O | North Seaker Gyro |
| 165.0 | 353.70 | -50.10 | EZ | | 54723 |
| 180.0 | 350.35 | -50.27 | G | O | North Seaker Gyro |
| 195.0 | 351.80 | -50.20 | EZ | | 55714 |
| 210.0 | 350.55 | -50.24 | G | O | North Seaker Gyro |
| 225.0 | 351.10 | -50.10 | EZ | | 55066 |
| 240.0 | 350.57 | -50.17 | G | O | North Seaker Gyro |
| 255.0 | 352.40 | -50.00 | EZ | | 54327 |
| 270.0 | 350.28 | -50.03 | G | O | North Seaker Gyro |
| 285.0 | 352.80 | -49.90 | EZ | | 54614 |
| 300.0 | 350.45 | -49.98 | G | O | North Seaker Gyro |
| 315.0 | 352.80 | -49.90 | EZ | | 54133 |
| 330.0 | 350.70 | -49.90 | G | O | North Seaker Gyro |
| 345.0 | 351.10 | -49.60 | EZ | O | 54275 |
| 420.0 | 351.40 | -49.30 | EZ | O | 53748 |

| Certificate |
|---|
| TM19143238 |
| TM19147656 |
| TM19149891 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505D19-033 | Excaon1D | CAOND124054 - CAOND124066<br>CAOND124068 - CAOND124195 |
| CXE5505D19-034 | Excaon1D | CAOND124196 - CAOND124388 |
| CXE5505D19-035 | Excaon1D | CAOND124389 - CAOND124638<br>CAOND124833 - CAOND124841 |

*The sample list may content samples from other holes

| Sample number | Standard |
|---|---|
| CAOND124215 | CDN-CM-27-AEM |
| CAOND124220 | BLANK-DB |
| CAOND124230 | CDN-GS-5W |
| CAOND124245 | CDN-CM-28-AEM |
| CAOND124260 | CDN-CM-27-AEM |
| CAOND124270 | BLANK-DB |
| CAOND124275 | CDN-GS-5W |
| CAOND124290 | CDN-CM-28-AEM |
| CAOND124315 | CDN-CM-27-AEM |
| CAOND124320 | BLANK-DB |

**Hole number:** KLUC19-543

| Sample number | Standard |
|---|---|
| CAOND124330 | CDN-GS-5W |
| CAOND124345 | CDN-CM-28-AEM |
| CAOND124360 | CDN-CM-27-AEM |
| CAOND124370 | BLANK-DB |
| CAOND124375 | CDN-GS-5W |
| CAOND124390 | CDN-CM-28-AEM |
| CAOND124415 | CDN-CM-27-AEM |
| CAOND124420 | BLANK-DB |
| CAOND124430 | CDN-GS-5W |
| CAOND124445 | CDN-CM-28-AEM |
| CAOND124460 | CDN-CM-27-AEM |
| CAOND124470 | BLANK-DB |
| CAOND124475 | CDN-GS-5W |
| CAOND124490 | CDN-CM-28-AEM |
| CAOND124515 | CDN-CM-27-AEM |
| CAOND124520 | BLANK-DB |
| CAOND124530 | CDN-GS-5W |
| CAOND124545 | CDN-CM-28-AEM |

**Major:** **From:** 0.00 **To:** 1.50 OVB, Overburden

**Major:** **From:** 1.50 **To:** 22.00 I2Dm, Mafic Syenite

Composition: Dominantly dark greenish grey, fine grained and massive; I2Dm - Mafic Syenite. Magnetism: weak or non magnetic Veinning: Less than 1% irregular Calcite-Chl veins and veinlets. Structure: Weak deformation/preferential alignment at low angle from 11m. Alteration: Weak to passages of moderate pervasive calcite alteration; Chl Mineralization: 1 to 7% very fine grained disseminated and local stringers and clusters of Py. Lower Contact: Gradual but relatively sharp, approx 40°

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

1.50, 6.00, PYR, DIS, 1.00, -, -, -
6.00, 13.00, PYR, DIS, 3.00, -, -, and clusters
13.00, 20.50, PYR, DIS, 7.00, -, -, also stringers and clusters
20.50, 22.00, PYR, DIS, 2.00, -, -, some stringers around 26.8m

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124191 | 1.5 | 3.0 | 1.5 | 0.269 | | | | 2.79 |
| CAOND124192 | 3.0 | 4.5 | 1.5 | 0.235 | | | | 2.79 |
| CAOND124193 | 4.5 | 6.0 | 1.5 | 0.282 | | | | 2.93 |
| CAOND124194 | 6.0 | 7.5 | 1.5 | 0.316 | | | | 2.69 |
| CAOND124195 | 7.5 | 9.0 | 1.5 | 0.895 | | | | 2.88 |
| CAOND124196 | 9.0 | 10.5 | 1.5 | 0.177 | | | | 2.76 |
| CAOND124197 | 10.5 | 12.0 | 1.5 | 0.337 | | | | 2.83 |
| CAOND124198 | 12.0 | 13.5 | 1.5 | 0.477 | | | | 2.85 |
| CAOND124199 | 13.5 | 15.0 | 1.5 | 0.108 | | | | 2.85 |
| CAOND124201 | 15.0 | 16.5 | 1.5 | 0.130 | | | | 2.83 |
| CAOND124202 | 16.5 | 18.0 | 1.5 | 0.081 | | | | 2.84 |
| CAOND124203 | 18.0 | 19.0 | 1.0 | 0.115 | | | | 2.83 |

**Hole number:** KLUC19-543

1.50, 7.50, CAL+, PEN, MOD, -, -, -, -
1.50, 22.00, CHL+, PEN, WEAK, -, -, -, to moderate

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
11.00, 21.00, LNT, WEAK, -, -, -, -, from sub-horizontal to 40°
21.90, 22.00, LWC, WEAK, 40.00, -, -, -, transitional but pretty clear

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124204 | 19.0 | 20.5 | 1.5 | 0.573 | | | | 2.90 |
| CAOND124205 | 20.5 | 22.0 | 1.5 | 0.126 | | | | 2.75 |

**Major:** **From:** 22.00 **To:** 31.00 I2D, Syénite

Composition: Medium pink grey, fine grained and massive; I2D - Syenite intrusion Magnetism: Non magnetic. Veinning: Less than 1% mm scale irregular and discontinuous calcite veinlets and less than 1% qtz-carb-chl veins. Structure: Undeformed Alteration: Moderate Kspar and moderate pervasive calcite alteration. Mineralization: 2-3 locally 3-5% very fine and fine grained dissemianted Py. Lower Contact: Gradual and irregular.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
22.00, 29.00, PYR, DIS, 2.00, -, -, some stringers around 26.8m
29.00, 31.00, PYR, DIS, 5.00, -, -, locally stringers,fragmented vein and veinlets, clusters

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
22.00, 31.00, KFS+, PEN, MOD, -, -, -, in association iron carbons

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
22.00, 31.00, BDD, WEAK, 35.00, -, -, -, to locally moderate
30.90, 31.00, LWC, WEAK, 50.00, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124206 | 22.0 | 23.5 | 1.5 | 0.112 | | | | 2.75 |
| CAOND124207 | 23.5 | 25.0 | 1.5 | 0.136 | | | | 2.76 |
| CAOND124208 | 25.0 | 26.5 | 1.5 | 0.052 | | | | 2.74 |
| CAOND124209 | 26.5 | 28.0 | 1.5 | 0.040 | | | | 2.73 |
| CAOND124210 | 28.0 | 29.5 | 1.5 | 0.073 | | | | 2.75 |
| CAOND124211 | 29.5 | 31.0 | 1.5 | 0.423 | | | | 2.75 |

**Major:** **From:** 31.00 **To:** 33.50 I2Dp, Porphyritic Syenite

Composition: Medium pink-redish grey medium to coarse grained subhedral fspar phenocrysts, porphyritic texture; I2Dp - Syenite porphyry. Magnetism: Non magnetic. Veinning: 1-2% irregular calcite veinning. Structure: Undeformed with weak fracturing. Alteration: Moderate pervasive kspar alteration. Mineralization: 3% very fine to fine grained dissemianted PY. Lower Contact: Gradual and irregular.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
31.00, 33.50, PYR, DIS, 5.00, -, -, locally stringers,fragmented vein and veinlets, clusters

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
31.00, 33.50, KFS+, PEN, MOD, -, -, -, in association iron carbons

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124212 | 31.0 | 32.5 | 1.5 | 0.098 | | | | 2.71 |
| CAOND124213 | 32.5 | 33.5 | 1.0 | 0.066 | | | | 2.66 |

**Hole number:** KLUC19-543

31.00, 33.50, BDD, WEAK, 35.00, -, -, -, to locally moderate
31.00, 33.50, BRC, WEAK, -, -, -, -, semi-brecciated aspect
33.40, 33.50, LWC, WEAK, 50.00, -, -, -, approximated

**Major:** **From:** 33.50 **To:** 35.30 I2D, Syénite

Composition: Medium pink redish grey, fine grained and massive; I2D - Syenite intrusion Magnetism: Non magnetic. Veinning: Less than 1% mm scale irregular and discontinuous calcite veinlets and less than 1% qtz-carb-chl veins. Structure: Undeformed Alteration: Moderate Kspar and moderate pervasive calcite alteration. Mineralization: 2-3 locally 3-5% very fine and fine grained disseminated Py. Lower Contact: Gradual and irregular.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
33.50, 35.30, PYR, DIS, 5.00, -, -, locally stringers,fragmented vein and veinlets, clusters

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
33.50, 35.30, KFS+, PEN, MOD, -, -, -, in association iron carbons
35.00, 35.30, CAL+, PEN, WEAK, -, -, -, to moderate

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
33.50, 35.30, BDD, WEAK, 35.00, -, -, -, to locally moderate

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124214 | 33.5 | 34.4 | 0.9 | 0.047 | | | | 2.71 |
| CAOND124216 | 34.4 | 35.3 | 0.9 | 0.091 | | | | 2.70 |

**Major:** **From:** 35.30 **To:** 38.20 I2Dp, Porphyritic Syenite

Composition: Medium pink-redish grey medium to coarse grained fspar phenocrysts, porphyritic texture; I2Dp - Syenite porphyry. Magnetism: Non magnetic. Veinning: 1-2% irregular calcite veinning. Structure: Undeformed Alteration: Moderate pervasive kspar alteration. Mineralization: 2% very fine to fine grained dissemianted PY. Lower Contact: Gradual and irregular.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
35.30, 38.20, PYR, DIS, 1.00, -, -, -

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
35.30, 38.20, KFS+, PEN, MOD, -, -, -, in association iron carbons
35.30, 38.20, CAL+, PEN, WEAK, -, -, -, to moderate

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
35.30, 38.20, BDD, WEAK, 35.00, -, -, -, to locally moderate

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124217 | 35.3 | 36.5 | 1.2 | 0.209 | | | | 2.69 |
| CAOND124218 | 36.5 | 37.5 | 1.0 | 0.078 | | | | 2.69 |
| CAOND124219 | 37.5 | 38.2 | 0.7 | 0.024 | | | | 2.70 |

## Hole number: KLUC19-543

**Major:** **From:** 38.20 **To:** 46.90 I2D, Syénite

Composition: Medium pink redish grey, fine grained and massive; I2D - Syenite intrusion Magnetism: Non magnetic to locally magnetic. Veinning: ~3% cm scale irregular calcite veins and less han 1% qtz-carb-chl veinlets. Structure: Undeformed Alteration: Moderate Kspar and moderate pervasive calcite alteration. Mineralization: 1 to 2fine grained disseminated Py. Lower Contact: Gradual .

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

38.20, 43.00, PYR, DIS, 1.00, -, -, -

43.00, 46.90, PYR, DIS, 3.00, -, -, local accumulations up to 5%

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

38.20, 46.80, KFS+, PEN, MOD, -, -, -, in association iron carbons

38.20, 39.00, CAL+, PEN, WEAK, -, -, -, to moderate

46.80, 46.90, CHL+, PEN, MOD, -, -, -, also banded and patchy

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

38.20, 46.90, BDD, WEAK, 35.00, -, -, -, to locally moderate

38.20, 38.30, LWC, WEAK, 35.00, -, -, -, approximated angle

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

40.00, 43.60, CAL, 5.00, -, -, -, -, GRY_00025, 15.00, -, -, -, Calcite -Chlorite - Hematite veins at different angles, locally vuggy

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124221 | 38.2 | 39.5 | 1.3 | 0.030 | | | | 2.70 |
| CAOND124222 | 39.5 | 41.0 | 1.5 | 0.186 | | | | 2.71 |
| CAOND124223 | 41.0 | 42.0 | 1.0 | 0.100 | | | | 2.70 |
| CAOND124224 | 42.0 | 43.0 | 1.0 | 0.209 | | | | 2.67 |
| CAOND124226 | 43.0 | 44.5 | 1.5 | 2.310 | | | | 2.70 |
| CAOND124227 | 44.5 | 46.0 | 1.5 | 0.136 | | | | 2.70 |
| CAOND124228 | 46.0 | 46.9 | 0.9 | 1.160 | | | | 2.75 |

**Major:** **From:** 46.90 **To:** 55.60 S, Roches sédimentaires indéterminées

Composition: Dominantly dark green grey to locally patches of pink-redish; dominantly fine grained and massive; S - Sediment Magnetism: Non magnetic. Veinning: less than 1% irregular mm scale calcite veinning. Structure: Weak to locally moderate bedding. Alteration: Moderate irregular-patchy Chl alteration. Mineralization: 2-3 fine grained disseminated Py. Lower Contact: Sharp, irregular @ 20°

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

46.90, 55.60, PYR, DIS, 3.00, -, -, local accumulations up to 5%

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

46.90, 55.60, CHL+, PEN, MOD, -, -, -, also banded and patchy

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

46.90, 55.60, BDD, WEAK, 35.00, -, -, -, to locally moderate

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124229 | 46.9 | 48.0 | 1.1 | 0.110 | | | | 2.71 |
| CAOND124231 | 48.0 | 49.5 | 1.5 | 0.039 | | | | 2.70 |
| CAOND124232 | 49.5 | 51.0 | 1.5 | 0.049 | | | | 2.71 |
| CAOND124233 | 51.0 | 52.5 | 1.5 | 0.030 | | | | 2.73 |
| CAOND124234 | 52.5 | 54.0 | 1.5 | 0.025 | | | | 2.85 |
| CAOND124235 | 54.0 | 54.8 | 0.8 | 0.027 | | | | 2.69 |
| CAOND124236 | 54.8 | 55.6 | 0.8 | 0.036 | | | | 2.72 |

**Hole number:** KLUC19-543

**Major:** **From:** 55.60 **To:** 60.30 V8t, Trachytic tuff

Composition: Dark grey, fine grained, apparently sheared but massive with Ca veins and patches irregular along the core (possibly sediment but the contacts are clearly sharp and well defined); V8t--Trachytic tuff? Magnetism: Non magnetic. Veinning: ~30% irregular mm to cm scale calcite irregular veinning. Structure: Moderate preferential alignment. Alteration: Moderate calcite alteration. Mineralization: 3 to 5% fine grained disseminated Py. Lower Contact: Sharp and regular.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

55.60, 59.00, PYR, DIS, 3.00, -, -, local accumulations up to 5%

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

55.60, 60.30, CHL+, PEN, MOD, -, -, -, also banded and patchy

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

55.60, 55.70, BDD, WEAK, 35.00, -, -, -, to locally moderate
55.60, 55.70, LWC, MOD, 20.00, -, -, -, clearly defined contact
55.70, 60.30, SHR, MOD, 20.00, -, -, -, Foliation like on the first meter then a lineation of the Calcite-Carbonate veins at low angle resembling to a shear zone/ chaotic / semibrecciated aspect

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

55.70, 60.30, CAL, 30.00, -, -, -, -, GRY_00025, -, -, -, -, Calcite -Chlorite - Hematite veins at low angle spread along the core chaotically

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124237 | 55.6 | 57.0 | 1.4 | 0.047 | | | | 2.86 |
| CAOND124238 | 57.0 | 58.5 | 1.5 | 0.035 | | | | 2.85 |
| CAOND124239 | 58.5 | 59.4 | 0.9 | 0.019 | | | | 2.85 |
| CAOND124240 | 59.4 | 60.3 | 0.9 | 0.023 | | | | 2.83 |

**Major:** **From:** 60.30 **To:** 63.90 S, Roches sédimentaires indéterminées

Composition: Medium dark greenish - redish grey with local patchs of redish pink; fine grained and massive with randomly distributed clasts ; S - Sediment Magnetism: Non magnetic. Veinning: less than 1-2% irregular mm scale calcite veinning. Structure: Massive Alteration: Kspar Mineralization: Py traces. Lower Contact: Gradual and irregular.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

60.30, 62.00, CHL+, PEN, MOD, -, -, -, also banded and patchy

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

60.30, 60.40, SHR, MOD, 20.00, -, -, -, Foliation like on the first meter then a lineation of the Calcite-Carbonate veins at low angle resembling to a shear zone/ chaotic / semibrecciated aspect
60.30, 60.40, LWC, MOD, 20.00, -, -, -, clearly defined contact

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124241 | 60.3 | 61.5 | 1.2 | 0.025 | | | | 2.66 |
| CAOND124242 | 61.5 | 63.0 | 1.5 | 0.011 | | | | 2.66 |
| CAOND124243 | 63.0 | 63.9 | 0.9 | 0.012 | | | | 2.65 |

**Hole number:** KLUC19-543

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
60.30, 60.40, CAL, 30.00, -, -, -, -, GRY_00025, -, -, -, -, Calcite -Chlorite - Hematite veins at low angle spread along the core chaotically

**Major:** **From:** 63.90 **To:** 67.90 I2Dp, Porphyritic Syenite

Composition: Medium red-pinkish grey, coarse grained plagioclase generally 0.5 to 2 cm rounded phenocrysts; porphyritic texutre; I2Dp - Syenite porphyry. Magnetism: Non magnetic. Veinning: less than 1% irregular Qtz-calcite veinning. Structure: Undeformed, massive Alteration: Moderate pervasive kspar alteration. Mineralization: 3% fine grained dissemianted PY. Lower Contact: Sharp but irregular.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
65.20, 67.90, PYR, PAT, 2.00, -, -, locally stringers and clusters

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
64.00, 67.80, KFS+, PEN, MOD, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124244 | 63.9 | 65.0 | 1.1 | 0.044 | | | | 2.65 |
| CAOND124246 | 65.0 | 66.0 | 1.0 | 0.112 | | | | 2.67 |
| CAOND124247 | 66.0 | 67.0 | 1.0 | 0.067 | | | | 2.72 |
| CAOND124248 | 67.0 | 67.9 | 0.9 | 0.023 | | | | 2.69 |

**Major:** **From:** 67.90 **To:** 74.60 I2D, Syénite

Composition: Medium greenish-pink redish grey, fine grained and massive; I2D - Syenite intrusion Magnetism: Weak to moderate magnetic. Veinning: ~1% mm scale irregular calcite veinlets. Structure: Undeformed Alteration: Moderate Kspar and Chl alteration. Mineralization: 1-2% fine grained disseminated and clusters of Py . Lower Contact: Gradual .

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
67.90, 69.40, PYR, PAT, 2.00, -, -, locally stringers and clusters

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
68.20, 69.00, FRA, WEAK, 60.00, -, -, -, low angle to 60° fractured

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124249 | 67.9 | 69.0 | 1.1 | 0.062 | | | | 2.72 |
| CAOND124251 | 69.0 | 70.5 | 1.5 | 0.055 | | | | 2.73 |
| CAOND124252 | 70.5 | 72.0 | 1.5 | 0.071 | | | | 2.73 |
| CAOND124253 | 72.0 | 73.5 | 1.5 | 0.587 | | | | 2.75 |
| CAOND124254 | 73.5 | 74.6 | 1.1 | 0.129 | | | | 2.77 |

**Major:** **From:** 74.60 **To:** 75.50 I2Dm, Mafic Syenite

Composition: Dominantly dark greenish grey, fine grained and massive; I2Dm - Mafic Syenite?/(trachytic tuff?). Magnetism: Non magnetic. Veinning: 10% irregular and discontinous calcite veinlets. Structure: Weak deformation and preferential alignment at 40°. Alteration: Moderate pervasive calcite alteration. Mineralization: 2-3% very fine grained disseminated Py. Lower Contact: Relatively sharp but irregular.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
74.60, 75.50, CHL+, PEN, MOD, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124255 | 74.6 | 75.5 | 0.9 | 0.027 | | | | 2.95 |

## Hole number: KLUC19-543

**Major:** **From:** 75.50 **To:** 78.50 S, Roches sédimentaires indéterminées

Composition: Medium redish; dominantly fine grained and massive with patches/veins of Chl; S - Sediment? Magnetism: Non magnetic. Veinning: 5% irregular cm scale Chl- Ca veinning. Structure: massive Alteration: Moderate pervasive Kspar alteration. Mineralization: 0.5 disseminated Py generally associated to the Chl veins. Lower Contact: Gradual and irregular.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

75.50, 78.50, PYR, PAT, 3.00, -, -, disseminated, patchy, stringers; local accumulations over 10%; locally Cpy and Specularite;

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

76.00, 78.50, KFS+, PEN, MOD, -, -, -, associated by passages with Chl and locally Calcite

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

78.00, 78.50, BRC, WEAK, -, -, -, -, to moderate passages

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124256 | 75.5 | 77.0 | 1.5 | 0.029 | | | | 2.70 |
| CAOND124257 | 77.0 | 78.5 | 1.5 | 0.006 | | | | 2.74 |

**Major:** **From:** 78.50 **To:** 80.80 I2Dp, Porphyritic Syenite

Composition: Medium redish grey, fine to medium grained fspar phenocrysts, porphyritic texture; I2Dp - Syenite porphyry. Magnetism: Moderate to locally strong magnetic(magnetite patches). Veinning: 10% irregular Qtz-calcite locally with magnetite or Specularite Structure: Undeformed, locally brecciated Alteration: Moderate pervasive kspar alteration, magnetite Mineralization: 1-2% fine grained dissemianted PY. Lower Contact: gradual, irregular.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

78.50, 80.80, PYR, PAT, 3.00, -, -, disseminated, patchy, stringers; local accumulations over 10%; locally Cpy and Specularite;

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

78.50, 80.80, KFS+, PEN, MOD, -, -, -, associated by passages with Chl and locally Calcite
79.00, 80.30, MAG+, PAT, MOD, -, -, -, to locally strong(patch of Magn in vein)

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

78.50, 80.00, BRC, WEAK, -, -, -, -, to moderate passages

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

79.00, 80.80, QtzCalChl, 5.00, -, -, -, -, GRY2_BASIC, -, -, -, -, grey-whitish to locally redish Qtz- Ca-Chl-Hem, locally brecciated vein with Specularite; also locally Cpy associated

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124258 | 78.5 | 80.0 | 1.5 | 0.101 | | | | 2.84 |
| CAOND124259 | 80.0 | 80.8 | 0.8 | 0.182 | | | | 2.87 |

**Hole number:** KLUC19-543

**Major:** **From:** 80.80 **To:** 97.00 S, Roches sédimentaires indéterminées

Composition: Red-pinkish grey to locally greenish medium grey; dominantly fine grained and massive; S - Sediment? Magnetism: Locally magnetic. Veinning: Less than 1% mm scale Qtz-calcite veinning. Structure: Local moderate bedding. Alteration: Moderate pervasive kspar alteration. Mineralization: 0.5 to 1 very fine to fine grained disseminated Py. Lower Contact: Sharp but irregular.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

80.80, 81.00, PYR, PAT, 3.00, -, -, disseminated, patchy, stringers; local accumulations over 10%; locally Cpy and Specularite;
91.60, 92.00, CPY, PAT, .50, -, -, in the brecciated zone, associated to Q-Ca vein
92.00, 93.50, PYR, DIS, 1.00, -, -, -

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

80.80, 97.00, KFS+, PEN, MOD, -, -, -, associated by passages with Chl and locally Calcite
85.00, 90.00, MAG+, FRF, WEAK, -, -, -, hairly; locally to moderate
92.70, 97.00, CHL+, PEN, MOD, -, -, -, locally some Sericite associated

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

83.30, 84.50, SHR, WEAK, 55.00, -, -, -, angle between 40° and 70
91.50, 92.20, BRC, MOD, -, -, -, -, -
91.50, 97.00, FRA, MOD, 40.00, -, -, -, to strong between 95.2m to 95.7m

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

80.80, 81.80, QtzCalChl, 5.00, -, -, -, -, GRY2_BASIC, -, -, -, -, grey-whitish to locally redish Qtz- Ca-Chl-Hem, locally brecciated vein with Specularite; also locally Cpy associated
89.80, 90.50, QTZ, 15.00, 20.00, -, -, -, GRY2_BASIC, -, -, -, -, grey, irregular Q veins; locally Specularite traces
91.60, 92.70, QtzCbtChl, 10.00, -, -, -, -, GRY2_BASIC, -, -, -, -, brecciated Q-Car b-Chl veins, locally also banded @ 15°
93.50, 94.50, QTZ, 5.00, -, -, -, -, GRY2_BASIC, -, -, -, -, with magnetite

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124261 | 80.8 | 82.0 | 1.2 | 0.015 | | | | 2.66 |
| CAOND124262 | 82.0 | 83.2 | 1.2 | 0.020 | | | | 2.63 |
| CAOND124263 | 83.2 | 84.6 | 1.4 | 0.018 | | | | 2.71 |
| CAOND124264 | 84.6 | 86.0 | 1.4 | 0.071 | | | | 2.70 |
| CAOND124265 | 86.0 | 87.5 | 1.5 | 0.020 | | | | 2.67 |
| CAOND124266 | 87.5 | 89.0 | 1.5 | 0.020 | | | | 2.66 |
| CAOND124267 | 89.0 | 90.5 | 1.5 | 0.034 | | | | 2.64 |
| CAOND124268 | 90.5 | 91.5 | 1.0 | 0.049 | | | | 2.64 |
| CAOND124269 | 91.5 | 92.8 | 1.3 | 0.017 | | | | 2.68 |
| CAOND124271 | 92.8 | 94.0 | 1.2 | 0.041 | | | | 2.70 |
| CAOND124272 | 94.0 | 95.2 | 1.2 | 0.015 | | | | 2.70 |
| CAOND124273 | 95.2 | 96.0 | 0.8 | 0.027 | | | | 2.74 |
| CAOND124274 | 96.0 | 97.0 | 1.0 | 0.034 | | | | 2.66 |

**Major:** **From:** 97.00 **To:** 117.30 I2Dp, Porphyritic Syenite

Composition: Medium red-pinkish grey fine to coarse grained fspar phenocrysts, porphyritic texture; I2Dp - Syenite porphyry. Magnetism: Non magnetic. Veinning: 2-5% irregular Qtz veinning. Structure: Undeformed Alteration: Moderate pervasive kspar alteration. Mineralization: 0.5% very fine grained disseminated PY. Lower Contact: Sharp but gradual and irregular.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124276 | 97.0 | 98.1 | 1.1 | 0.056 | | | | 2.69 |
| CAOND124277 | 98.1 | 98.8 | 0.7 | 0.042 | | | | 2.67 |
| CAOND124278 | 98.8 | 100.0 | 1.2 | 0.039 | | | | 2.67 |
| CAOND124279 | 100.0 | 101.5 | 1.5 | 0.047 | | | | 2.67 |

**Hole number:** KLUC19-543

97.00, 117.30, KFS+, PEN, MOD, -, -, -, associated by passages with Chl and locally Calcite

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
98.00, 100.50, BRC, WEAK, -, -, -, -, chaotic structure to locally moderate brecciated

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS
98.80, 100.50, QTZ, 10.00, -, -, -, -, GRY2_BASIC, -, -, -, -, locally chaotic
115.80, 116.20, QtzCbtChl, 30.00, -, -, -, -, GRY2_BASIC, -, -, -, -, chaotic Qtz-Carb vein along the core

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124281 | 101.5 | 103.0 | 1.5 | 0.017 | | | | 2.68 |
| CAOND124282 | 103.0 | 104.5 | 1.5 | 0.020 | | | | 2.69 |
| CAOND124283 | 104.5 | 106.0 | 1.5 | 0.134 | | | | 2.69 |
| CAOND124284 | 106.0 | 107.5 | 1.5 | 0.096 | | | | 2.70 |
| CAOND124285 | 107.5 | 109.0 | 1.5 | 0.180 | | | | 2.70 |
| CAOND124286 | 109.0 | 110.5 | 1.5 | 0.028 | | | | 2.70 |
| CAOND124287 | 110.5 | 112.0 | 1.5 | 0.026 | | | | 2.70 |
| CAOND124288 | 112.0 | 113.5 | 1.5 | 0.044 | | | | 2.70 |
| CAOND124289 | 113.5 | 115.0 | 1.5 | 0.250 | | | | 2.70 |
| CAOND124291 | 115.0 | 116.3 | 1.3 | 0.116 | | | | 2.71 |
| CAOND124292 | 116.3 | 117.3 | 1.0 | 0.452 | | | | 2.71 |

**Major: From:** 117.30 **To:** 143.00 S, Roches sédimentaires indéterminées

Composition: Red-pinkish grey to locally greenish medium grey; dominantly fine grained and massive; S - Sediment Magnetism: Generally non, locally possible hairs of magnetite. Veinning: 1-2% mm scale Qtz-calcite veinning. Structure: Locally preferential orientation/ bedding. Alteration: Moderate pervasive kspar alteration. Mineralization: 0.5 to 1 very fine to fine grained disseminated Py. Lower Contact: Gradual and irregular.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
117.30, 135.00, PYR, DIS, 1.00, -, -, generally fine disseminated Py, locally clusters of Cpy

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
117.30, 143.00, KFS+, PEN, MOD, -, -, -, associated by passages with Chl and locally Calcite
117.30, 129.00, MAG+, PAT, WEAK, -, -, -, to locally moderate

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
142.90, 143.00, LWC, WEAK, 50.00, -, -, -, transitional, marked by Chl alt

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS
137.50, 143.00, QtzCbtChl, 5.00, -, -, -, -, GRY2_BASIC, 22.00, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124293 | 117.3 | 118.5 | 1.2 | 0.113 | | | | 2.70 |
| CAOND124294 | 118.5 | 120.0 | 1.5 | 0.123 | | | | 2.69 |
| CAOND124295 | 120.0 | 121.5 | 1.5 | 0.043 | | | | 2.68 |
| CAOND124296 | 121.5 | 123.0 | 1.5 | 0.065 | | | | 2.69 |
| CAOND124297 | 123.0 | 124.5 | 1.5 | 0.101 | | | | 2.69 |
| CAOND124298 | 124.5 | 126.0 | 1.5 | 0.160 | | | | 2.68 |
| CAOND124299 | 126.0 | 127.5 | 1.5 | 0.041 | | | | 2.67 |
| CAOND124301 | 127.5 | 129.0 | 1.5 | 0.034 | | | | 2.65 |
| CAOND124302 | 129.0 | 130.5 | 1.5 | 0.046 | | | | 2.66 |
| CAOND124303 | 130.5 | 132.0 | 1.5 | 0.020 | | | | 2.66 |
| CAOND124304 | 132.0 | 133.5 | 1.5 | 0.012 | | | | 2.67 |
| CAOND124305 | 133.5 | 135.0 | 1.5 | 0.015 | | | | 2.65 |
| CAOND124306 | 135.0 | 136.0 | 1.0 | 0.031 | | | | 2.68 |
| CAOND124307 | 136.0 | 137.5 | 1.5 | 0.025 | | | | 2.68 |
| CAOND124308 | 137.5 | 139.0 | 1.5 | 0.010 | | | | 2.65 |
| CAOND124309 | 139.0 | 140.5 | 1.5 | 0.021 | | | | 2.87 |
| CAOND124310 | 140.5 | 142.0 | 1.5 | 0.031 | | | | 2.68 |
| CAOND124311 | 142.0 | 143.0 | 1.0 | 0.052 | | | | 2.62 |

**Major: From:** 143.00 **To:** 158.00 I2Dmp, Syenite mafic porphyryitic

Composition: Dark red-pinkish grey, fine to medium grained, feldspar phenocrysts; local porphyritic texture; I2Dp - Syenite porphyry. Magnetism: Weak to moderate magnetic. Veinning: less than 1%

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124312 | 143.0 | 144.5 | 1.5 | 0.263 | | | | 2.76 |

**Hole number:** KLUC19-543

irregular Qtz-calcite veins and veinlets Structure: some dominant fabric between 154m to 153.7m @ 40° but generally undeformed and massive Alteration: Moderate pervasive kspar alteration and Ca pervasive Mineralization: fine grained dissemianted PY, locally stringers. Lower Contact: Gradual and irregular.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

143.00, 158.00, PYR, DIS, 2.00, -, -, between 2-3%, also locally stringers

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

143.00, 158.00, CHL+, PEN, MOD, -, -, -, with Kspar between 154m to 158

154.00, 158.00, KFS+, PEN, WEAK, -, -, -, to moderate

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

157.90, 158.00, LWC, WEAK, 40.00, -, -, -, transitional

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124313 | 144.5 | 146.0 | 1.5 | 0.744 | | | | 2.72 |
| CAOND124314 | 146.0 | 147.5 | 1.5 | 0.134 | | | | 2.75 |
| CAOND124316 | 147.5 | 149.0 | 1.5 | 0.249 | | | | 2.75 |
| CAOND124317 | 149.0 | 150.5 | 1.5 | 0.117 | | | | 2.75 |
| CAOND124318 | 150.5 | 152.0 | 1.5 | 0.145 | | | | 2.75 |
| CAOND124319 | 152.0 | 153.5 | 1.5 | 0.103 | | | | 2.75 |
| CAOND124321 | 153.5 | 154.8 | 1.3 | 0.170 | | | | 2.77 |
| CAOND124322 | 154.8 | 155.5 | 0.7 | 0.117 | | | | 2.83 |
| CAOND124323 | 155.5 | 157.0 | 1.5 | 0.291 | | | | 2.77 |
| CAOND124324 | 157.0 | 158.0 | 1.0 | 0.108 | | | | 2.74 |

**Major: From:** 158.00 **To:** 217.30 V8Gs, Trachyte green spotted

Composition: Medium dark greenish - grey; fine to medium grained, massive, spotted by Epidote ; Trachyte spotted- Intrusive Magnetism: moderate magnetite. Veinning: 1-2% mm scale Qtz-calcite veinning locally Py associated. Structure: Locally preferential orientation Alteration: Moderate Chl and Calcite by passages Mineralization: 1 -3 fine disseminated with local stringers and clusters of Py. Lower Contact: Sharp .

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

158.00, 161.00, PYR, DIS, 2.00, -, -, between 2-3%, also locally stringers

161.00, 168.80, PYR, FRF, 1.00, -, -, associated to Q-Ca veins

172.00, 174.50, PYR, FRF, 3.00, -, -, associated to Q-Car-Hem veins and veinlets

180.00, 181.00, PYR, FRF, 3.00, -, -, associated to Kspar veinlets

191.00, 201.00, PYR, FRF, 2.00, -, -, 2-3% with local stringers/veinlets

201.00, 217.30, PYR, DSN, 2.00, -, -, spotty or patchy

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

158.00, 217.30, CHL+, PEN, MOD, -, -, -, with Kspar between 154m to 158

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

217.20, 217.30, LWC, MOD, 30.00, -, -, -, sharp but gradual

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124326 | 158.0 | 159.5 | 1.5 | 0.046 | | | | 2.82 |
| CAOND124327 | 159.5 | 161.0 | 1.5 | 0.209 | | | | 2.84 |
| CAOND124328 | 161.0 | 162.5 | 1.5 | 0.132 | | | | 2.83 |
| CAOND124329 | 162.5 | 164.0 | 1.5 | 0.110 | | | | 2.86 |
| CAOND124331 | 164.0 | 165.5 | 1.5 | 0.042 | | | | 2.80 |
| CAOND124332 | 165.5 | 167.0 | 1.5 | 0.039 | | | | 2.85 |
| CAOND124333 | 167.0 | 168.5 | 1.5 | 0.536 | | | | 2.88 |
| CAOND124334 | 168.5 | 170.0 | 1.5 | 0.428 | | | | 2.89 |
| CAOND124335 | 170.0 | 171.5 | 1.5 | 0.030 | | | | 2.84 |
| CAOND124336 | 171.5 | 173.0 | 1.5 | 0.104 | | | | 2.85 |
| CAOND124337 | 173.0 | 174.5 | 1.5 | 0.405 | | | | 2.85 |
| CAOND124338 | 174.5 | 176.0 | 1.5 | 0.153 | | | | 2.85 |
| CAOND124339 | 176.0 | 177.5 | 1.5 | 0.071 | | | | 2.87 |
| CAOND124340 | 177.5 | 179.0 | 1.5 | 0.136 | | | | 2.87 |
| CAOND124341 | 179.0 | 180.5 | 1.5 | 0.438 | | | | 2.84 |
| CAOND124342 | 180.5 | 182.0 | 1.5 | 0.498 | | | | 2.89 |
| CAOND124343 | 182.0 | 183.5 | 1.5 | 0.023 | | | | 2.87 |
| CAOND124344 | 183.5 | 185.0 | 1.5 | 0.039 | | | | 2.85 |
| CAOND124346 | 185.0 | 186.5 | 1.5 | 0.034 | | | | 2.86 |
| CAOND124347 | 186.5 | 188.0 | 1.5 | 0.245 | | | | 2.85 |

**Hole number:** KLUC19-543

161.00, 168.80, QtzCalChl, 2.00, 55.00, -, -, -, GRY2_BASIC, -, -, PYR, 65.00, Py associated
172.70, 174.10, QtzCalChl, 2.00, 55.00, -, -, -, GRY2_BASIC, 3.00, -, PYR, 30.00, Py associated

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124348 | 188.0 | 189.5 | 1.5 | 0.189 | | | | 2.85 |
| CAOND124349 | 189.5 | 191.0 | 1.5 | 0.094 | | | | 2.86 |
| CAOND124351 | 191.0 | 192.5 | 1.5 | 0.177 | | | | 2.89 |
| CAOND124352 | 192.5 | 194.0 | 1.5 | 0.628 | | | | 2.63 |
| CAOND124353 | 194.0 | 195.5 | 1.5 | 0.150 | | | | 2.85 |
| CAOND124354 | 195.5 | 197.0 | 1.5 | 0.107 | | | | 2.85 |
| CAOND124355 | 197.0 | 198.5 | 1.5 | 0.100 | | | | 2.87 |
| CAOND124356 | 198.5 | 200.0 | 1.5 | 0.077 | | | | 2.85 |
| CAOND124357 | 200.0 | 201.5 | 1.5 | 0.299 | | | | 2.87 |
| CAOND124358 | 201.5 | 203.0 | 1.5 | 0.323 | | | | 2.88 |
| CAOND124359 | 203.0 | 204.5 | 1.5 | 0.507 | | | | 2.89 |
| CAOND124361 | 204.5 | 206.0 | 1.5 | 0.451 | | | | 2.87 |
| CAOND124362 | 206.0 | 207.5 | 1.5 | 0.643 | | | | 2.85 |
| CAOND124363 | 207.5 | 209.0 | 1.5 | 0.415 | | | | 2.86 |
| CAOND124364 | 209.0 | 210.5 | 1.5 | 0.214 | | | | 2.86 |
| CAOND124365 | 210.5 | 212.0 | 1.5 | 0.213 | | | | 2.86 |
| CAOND124366 | 212.0 | 213.5 | 1.5 | 0.226 | | | | 2.86 |
| CAOND124367 | 213.5 | 215.0 | 1.5 | 0.232 | | | | 2.86 |
| CAOND124368 | 215.0 | 216.0 | 1.0 | 0.182 | | | | 2.86 |
| CAOND124369 | 216.0 | 217.3 | 1.3 | 0.103 | | | | 2.83 |

**Major:** **From:** 217.30 **To:** 234.00 S, Roches sédimentaires indéterminées

Composition: Medium dark red-greenish grey; dominantly fine grained and massive; S - Sediment?/ (Diabase?) Magnetism: Weak to locally moderate magnetic Veinning: less than 1% mm scale Qtz-calcite veinning. Structure: massive Alteration: Weak spotty and irregular kspar alteration, Chl pervasive. Mineralization: 1 -3 fine grained disseminated locally patches of Py. Lower Contact:sharp.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

217.30, 226.00, PYR, DIS, 3.00, -, -, local clusters
226.00, 234.00, PYR, DIS, 1.00, -, -, 1-2% with locally spotty Py

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

217.30, 234.00, KFS+, PAT, WEAK, -, -, -, to locally moderate

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124371 | 217.3 | 218.5 | 1.2 | 0.043 | | | | 2.77 |
| CAOND124372 | 218.5 | 220.0 | 1.5 | 0.114 | | | | 2.76 |
| CAOND124373 | 220.0 | 221.5 | 1.5 | 0.316 | | | | 2.74 |
| CAOND124374 | 221.5 | 223.0 | 1.5 | 0.064 | | | | 2.76 |
| CAOND124376 | 223.0 | 224.5 | 1.5 | 0.015 | | | | 2.76 |
| CAOND124377 | 224.5 | 226.0 | 1.5 | 0.053 | | | | 2.77 |
| CAOND124378 | 226.0 | 227.3 | 1.3 | 0.064 | | | | 2.72 |
| CAOND124379 | 227.3 | 227.8 | 0.5 | 0.081 | | | | 2.85 |
| CAOND124381 | 227.8 | 229.0 | 1.2 | 0.024 | | | | 2.69 |
| CAOND124382 | 229.0 | 230.5 | 1.5 | 0.040 | | | | 2.68 |
| CAOND124383 | 230.5 | 232.0 | 1.5 | 0.170 | | | | 2.71 |
| CAOND124384 | 232.0 | 233.0 | 1.0 | 0.062 | | | | 2.71 |

**Hole number:** KLUC19-543

233.90, 234.00, LWC, MOD, 30.00, -, -, -, sharp

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS
221.80, 222.70, QtzCalChl, 7.00, 30.00, -, -, -, GRY2_BASIC, 6.00, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124385 | 233.0 | 234.0 | 1.0 | 0.157 | | | | 2.74 |

**Major: From:** 234.00 **To:** 248.60 V8Gs, Trachyte green spotted

Composition: Medium dark greenish - grey; fine to medium grained, massive, spotted by Epidote ; Trachyte spotted- Intrusive Magnetism: moderate magnetite. Veinning: 5% mm to cm scale Qtz-calcite veinning locally Py associated. Structure: Locally preferential orientation Alteration: Moderate Chl and Calcite by passages Mineralization: 1 -3 fine disseminated and local clusters of Py. Lower Contact: gradual and irregular

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
234.00, 241.00, PYR, DIS, 1.00, -, -, 1-2% with locally spotty Py
241.00, 248.60, PYR, FRF, 1.00, -, -, also spotty and locally disseminated

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
234.00, 248.60, CHL+, PEN, MOD, -, -, -, -

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
248.50, 248.60, LWC, WEAK, 40.00, -, -, -, transitional; texture change

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS
239.20, 241.80, QtzCalChl, 12.00, 30.00, -, -, -, GRY_00025, 27.00, -, -, -, banded but brecciated Ca-Qz-Chl-Carb, white-red-pinkish veins
246.60, 246.70, QtzCbtChl, 75.00, 50.00, -, -, -, PNK2_BASIC, 6.00, -, PYR, .50, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124386 | 234.0 | 235.5 | 1.5 | 0.563 | | | | 2.79 |
| CAOND124387 | 235.5 | 237.0 | 1.5 | 0.168 | | | | 2.77 |
| CAOND124388 | 237.0 | 238.5 | 1.5 | 0.224 | | | | 2.79 |
| CAOND124389 | 238.5 | 240.0 | 1.5 | 0.331 | | | | 2.77 |
| CAOND124391 | 240.0 | 241.5 | 1.5 | 0.381 | | | | 2.82 |
| CAOND124392 | 241.5 | 243.0 | 1.5 | 0.119 | | | | 2.86 |
| CAOND124393 | 243.0 | 244.5 | 1.5 | 0.134 | | | | 2.88 |
| CAOND124394 | 244.5 | 246.0 | 1.5 | 0.107 | | | | 2.85 |
| CAOND124395 | 246.0 | 247.5 | 1.5 | 0.180 | | | | 2.84 |
| CAOND124396 | 247.5 | 248.6 | 1.1 | 0.268 | | | | 2.86 |

**Major: From:** 248.60 **To:** 302.70 S, Roches sédimentaires indéterminées

Composition: Medium dark red-greenish grey; dominantly fine grained and massive; possible some in and out short passages of of V8Gs: S - Sediment Magnetism: Weak to locally moderate magnetic Veinning: less than 1%, mm to cm scale Qtz-calcite veinning. Structure: massive, local fragmentation(265.7m-267m) Alteration: Weak to moderate kspar alteration, passages with strong pervasive Calcite, Chl pervasive. Mineralization: 1 -3 fine grained disseminated locally patches of Py. Lower Contact: Sharp, 30°

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
249.00, 302.70, PYR, DIS, 1.00, -, -, with a few stringers locally (266m-266.1m, 293.3m)

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124397 | 248.6 | 250.0 | 1.4 | 0.079 | | | | 2.71 |
| CAOND124398 | 250.0 | 251.5 | 1.5 | 0.205 | | | | 2.71 |
| CAOND124399 | 251.5 | 252.5 | 1.0 | 0.083 | | | | 2.71 |
| CAOND124401 | 252.5 | 254.0 | 1.5 | 0.047 | | | | 2.71 |
| CAOND124402 | 254.0 | 255.5 | 1.5 | 0.183 | | | | 2.71 |
| CAOND124403 | 255.5 | 257.0 | 1.5 | 0.298 | | | | 2.71 |
| CAOND124404 | 257.0 | 258.5 | 1.5 | 0.312 | | | | 2.71 |

**Hole number:** KLUC19-543

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

248.60, 302.70, CHL+, PEN, MOD, -, -, -, -
249.00, 250.50, CAL+, PEN, MOD, -, -, -, -
255.50, 264.00, CAL+, PEN, MOD, -, -, -, -
274.00, 277.50, KFS+, PEN, WEAK, -, -, -, to moderate
292.00, 302.70, KFS+, PEN, WEAK, -, -, -, to moderate

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

265.70, 267.00, FRA, MOD, -, -, -, -, to strong
292.00, 302.70, BRC, WEAK, -, -, -, -, rather chaotic, with many thin fractures filled with Chl
302.60, 302.70, LWC, STRONG, 30.00, -, -, -, clear, sharp, marked by Q-Ca veins

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

298.80, 302.70, QtzCbtChl, 10.00, 30.00, -, -, -, GRY_00025, -, -, -, -, irregular, banded, fractured Q-Carb-Calcite-Chl- Hem veins

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124405 | 258.5 | 260.0 | 1.5 | 0.250 | | | | 2.72 |
| CAOND124406 | 260.0 | 261.5 | 1.5 | 0.094 | | | | 2.72 |
| CAOND124407 | 261.5 | 263.0 | 1.5 | 0.131 | | | | 2.72 |
| CAOND124408 | 263.0 | 264.5 | 1.5 | 0.132 | | | | 2.74 |
| CAOND124409 | 264.5 | 266.0 | 1.5 | 0.038 | | | | 2.74 |
| CAOND124410 | 266.0 | 267.5 | 1.5 | 0.031 | | | | 2.73 |
| CAOND124411 | 267.5 | 269.0 | 1.5 | 0.131 | | | | 2.76 |
| CAOND124412 | 269.0 | 270.5 | 1.5 | 0.286 | | | | 2.73 |
| CAOND124413 | 270.5 | 272.0 | 1.5 | 0.376 | | | | 2.70 |
| CAOND124414 | 272.0 | 273.5 | 1.5 | 0.059 | | | | 2.73 |
| CAOND124416 | 273.5 | 275.0 | 1.5 | 0.040 | | | | 2.69 |
| CAOND124417 | 275.0 | 276.5 | 1.5 | 0.044 | | | | 2.70 |
| CAOND124418 | 276.5 | 278.0 | 1.5 | 0.078 | | | | 2.69 |
| CAOND124419 | 278.0 | 279.5 | 1.5 | 0.136 | | | | 2.69 |
| CAOND124421 | 279.5 | 281.0 | 1.5 | 0.063 | | | | 2.69 |
| CAOND124422 | 281.0 | 282.5 | 1.5 | 0.085 | | | | 2.69 |
| CAOND124423 | 282.5 | 284.0 | 1.5 | 0.060 | | | | 2.70 |
| CAOND124424 | 284.0 | 285.5 | 1.5 | 0.051 | | | | 2.71 |
| CAOND124426 | 285.5 | 287.0 | 1.5 | 0.054 | | | | 2.72 |
| CAOND124427 | 287.0 | 287.9 | 0.9 | 0.099 | | | | 2.70 |
| CAOND124428 | 287.9 | 288.7 | 0.8 | 0.165 | | | | 2.72 |
| CAOND124429 | 288.7 | 289.2 | 0.5 | 0.357 | | | | 2.75 |
| CAOND124431 | 289.2 | 290.0 | 0.8 | 0.248 | | | | 2.73 |
| CAOND124432 | 290.0 | 291.5 | 1.5 | 0.590 | | | | 2.75 |
| CAOND124433 | 291.5 | 293.0 | 1.5 | 0.202 | | | | 2.75 |
| CAOND124434 | 293.0 | 294.0 | 1.0 | 0.145 | | | | 2.76 |
| CAOND124435 | 294.0 | 295.5 | 1.5 | 0.162 | | | | 2.72 |
| CAOND124436 | 295.5 | 297.0 | 1.5 | 0.078 | | | | 2.73 |
| CAOND124437 | 297.0 | 298.0 | 1.0 | 0.136 | | | | 2.70 |
| CAOND124438 | 298.0 | 299.5 | 1.5 | 0.082 | | | | 2.68 |
| CAOND124439 | 299.5 | 301.0 | 1.5 | 0.034 | | | | 2.71 |
| CAOND124440 | 301.0 | 302.0 | 1.0 | 0.051 | | | | 2.68 |
| CAOND124441 | 302.0 | 302.7 | 0.7 | 0.044 | | | | 2.72 |

## Hole number: KLUC19-543

**Major: From:** 302.70 **To:** 316.30 V8Gs, Trachyte green spotted

Composition: Medium dark redish-greenish - grey; fine grained, massive, spotted by Epidote and locally with dark green porphyroblasts ; Trachyte spotted- Intrusive Magnetism: weak to moderate magnetic Veinning: 1-2% mm scale Qtz-calcite veinning locally Py associated. Structure: locally fractured Alteration: K-spar, Chl, Epi Mineralization: 1 -3 fine disseminated with local stringers and clusters of Py. Lower Contact: discreet

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

303.00, 308.00, PYR, FRF, 3.00, -, -, also patchy and irregular and disseminated

308.00, 316.30, PYR, DIS, 3.00, -, -, spotty, local patches and disseminated

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

302.70, 316.30, KFS+, PEN, MOD, -, -, -, chlorite and spotty Epidote associated

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

316.20, 316.30, LWC, WEAK, 40.00, -, -, -, gradual, discreet

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS

303.70, 314.00, QtzCbtChl, 2.00, 60.00, -, -, -, GRY2_BASIC, 20.00, -, PYR, .50, between 307m to 311m the veins are at a lower angle, ~30 degr.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124442 | 302.7 | 304.0 | 1.3 | 0.961 | | | | 2.77 |
| CAOND124443 | 304.0 | 305.5 | 1.5 | 0.747 | | | | 2.80 |
| CAOND124444 | 305.5 | 307.0 | 1.5 | 0.741 | | | | 2.81 |
| CAOND124446 | 307.0 | 308.0 | 1.0 | 0.582 | | | | 2.80 |
| CAOND124447 | 308.0 | 309.5 | 1.5 | 0.672 | | | | 2.80 |
| CAOND124448 | 309.5 | 311.0 | 1.5 | 0.944 | | | | 2.80 |
| CAOND124449 | 311.0 | 312.5 | 1.5 | 2.800 | | | | 2.80 |
| CAOND124451 | 312.5 | 314.0 | 1.5 | 0.584 | | | | 2.80 |
| CAOND124452 | 314.0 | 315.0 | 1.0 | 0.590 | | | | 2.80 |
| CAOND124453 | 315.0 | 316.3 | 1.3 | 0.354 | | | | 2.81 |

**Major: From:** 316.30 **To:** 340.20 S, Roches sédimentaires indéterminées

Composition: Medium dark redish grey; dominantly fine grained and massive with local dark green clasts; S - Sediment Magnetism: non magnetic Veinning: 1-2%, mm to cm scale Qtz-calcite veinning. Structure: massive, local fragmentation Alteration: Weak to locally moderate kspar alteration, Chl associatedand passages with weak pervasive Calcite Mineralization: 1 -3 fine grained disseminated locally patches of Py. Lower Contact: Sharp, 30°

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

316.30, 340.20, PYR, DIS, 3.00, -, -, locally accumulations up to 5% and some fracture filling

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

316.30, 340.20, KFS+, PAT, WEAK, -, -, -, to locally moderate; Chl associated

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

340.10, 340.20, LWC, MOD, 25.00, -, -, -, clear, sharp

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124454 | 316.3 | 317.0 | 0.7 | 0.100 | | | | 2.74 |
| CAOND124455 | 317.0 | 318.5 | 1.5 | 0.068 | | | | 2.73 |
| CAOND124456 | 318.5 | 320.0 | 1.5 | 0.241 | | | | 2.75 |
| CAOND124457 | 320.0 | 321.5 | 1.5 | 0.087 | | | | 2.75 |
| CAOND124458 | 321.5 | 323.0 | 1.5 | 0.091 | | | | 2.78 |
| CAOND124459 | 323.0 | 324.5 | 1.5 | 0.073 | | | | 2.76 |
| CAOND124461 | 324.5 | 326.0 | 1.5 | 0.299 | | | | 2.72 |
| CAOND124462 | 326.0 | 327.0 | 1.0 | 0.178 | | | | 2.78 |
| CAOND124463 | 327.0 | 327.7 | 0.7 | 0.078 | | | | 2.76 |
| CAOND124464 | 327.7 | 328.3 | 0.6 | 1.015 | | | | 2.99 |
| CAOND124465 | 328.3 | 329.5 | 1.2 | 0.096 | | | | 2.72 |
| CAOND124466 | 329.5 | 331.0 | 1.5 | 0.036 | | | | 2.75 |
| CAOND124467 | 331.0 | 332.5 | 1.5 | 0.051 | | | | 2.78 |

**Hole number:** KLUC19-543

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
328.70, 329.30, QtzCbtChl, 25.00, 50.00, -, -, -, GRY_00025, -, -, PYR, .50, locally pinkish, irregular

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124468 | 332.5 | 334.0 | 1.5 | 0.050 | | | | 2.80 |
| CAOND124469 | 334.0 | 335.5 | 1.5 | 0.032 | | | | 2.77 |
| CAOND124471 | 335.5 | 337.0 | 1.5 | 0.775 | | | | 2.78 |
| CAOND124472 | 337.0 | 338.5 | 1.5 | 0.037 | | | | 2.77 |
| CAOND124473 | 338.5 | 339.5 | 1.0 | 0.072 | | | | 2.76 |
| CAOND124474 | 339.5 | 340.2 | 0.7 | 0.045 | | | | 2.79 |

**Major:** **From:** 340.20 **To:** 367.00 V8Gs, Trachyte green spotted

Composition: Medium dark greenish - grey to brownish passages; fine to medium grained, massive, spotted by Epidote ; Trachyte spotted- Intrusive Magnetism: moderate magnetic Veinning: 1-2% mm scale Qtz-calcite veinning locally Py associated. Structure: Locally fractured Alteration: Moderate Chl and Calcite by passages Mineralization: 2 to 5 fine disseminated with local stringers and clusters of Py. Lower Contact: gradual, irregular

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
340.20, 350.00, PYR, DIS, 3.00, -, -, also spotty, patchy and fractures filling between by places
354.00, 358.00, PYR, FRF, 3.00, -, -, locally 1mm to 2.5 cm large fragmented vein filled with Py

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
340.20, 367.00, CHL+, PEN, WEAK, -, -, -, locally Kspar ; spotty Epidote

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124476 | 340.2 | 341.6 | 1.4 | 0.136 | | | | 2.83 |
| CAOND124477 | 341.6 | 343.0 | 1.4 | 0.383 | | | | 2.81 |
| CAOND124478 | 343.0 | 344.5 | 1.5 | 0.285 | | | | 2.80 |
| CAOND124479 | 344.5 | 346.0 | 1.5 | 0.073 | | | | 2.81 |
| CAOND124481 | 346.0 | 347.5 | 1.5 | 0.070 | | | | 2.82 |
| CAOND124482 | 347.5 | 349.0 | 1.5 | 1.360 | | | | 2.82 |
| CAOND124483 | 349.0 | 350.5 | 1.5 | 0.329 | | | | 2.81 |
| CAOND124484 | 350.5 | 352.0 | 1.5 | 0.195 | | | | 2.81 |
| CAOND124485 | 352.0 | 353.5 | 1.5 | 0.176 | | | | 2.80 |
| CAOND124486 | 353.5 | 354.9 | 1.4 | 0.379 | | | | 2.81 |
| CAOND124487 | 354.9 | 356.0 | 1.1 | 1.100 | | | | 2.83 |
| CAOND124488 | 356.0 | 357.0 | 1.0 | 0.351 | | | | 2.83 |
| CAOND124489 | 357.0 | 358.5 | 1.5 | 0.321 | | | | 2.81 |
| CAOND124491 | 358.5 | 360.0 | 1.5 | 0.441 | | | | 2.82 |
| CAOND124492 | 360.0 | 361.5 | 1.5 | 0.790 | | | | 2.83 |
| CAOND124493 | 361.5 | 363.0 | 1.5 | 0.356 | | | | 2.82 |
| CAOND124494 | 363.0 | 364.5 | 1.5 | 0.104 | | | | 2.84 |
| CAOND124495 | 364.5 | 366.0 | 1.5 | 0.352 | | | | 2.83 |
| CAOND124496 | 366.0 | 367.0 | 1.0 | 0.328 | | | | 2.80 |

**Major:** **From:** 367.00 **To:** 382.20 S, Roches sédimentaires indéterminées

Composition: Medium dark red-greenish grey, dark pinkish between 367m to 372m; dominantly fine grained and massive; passages of of V8Gs between 372m to 372.5m: S - Sediment Magnetism: Weak to locally patches of magnetite Veinning: locally 1-2%, mm to cm scale Qtz-calcite veinning. Structure: massive; Alteration: Weak to passage of moderate kspar alteration and Chl pervasive. Mineralization: 1 -2 fine grained disseminated locally patches of Py. Lower Contact: gradual, irregular

**MINOR INTERVAL**
372.00 - 373.50: V8Gs

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124497 | 367.0 | 368.5 | 1.5 | 0.556 | | | | 2.77 |
| CAOND124498 | 368.5 | 370.0 | 1.5 | 0.160 | | | | 2.80 |
| CAOND124499 | 370.0 | 371.0 | 1.0 | 0.747 | | | | 2.77 |
| CAOND124501 | 371.0 | 372.0 | 1.0 | 0.396 | | | | 2.77 |
| CAOND124502 | 372.0 | 373.5 | 1.5 | 0.155 | | | | 2.85 |

**Hole number:** KLUC19-543

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
367.00, 369.00, PYR, PAT, 2.00, -, -, also disseminated

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
367.00, 372.00, KFS+, PEN, MOD, -, -, -, maybe also Hematite; locally Magnetite patches; also Chl alteration associated, irregular and patchy
382.00, 382.20, CHL+, PEN, WEAK, -, -, -, and spotty Epidote and locally Kspar

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
382.10, 382.20, LWC, WEAK, 60.00, -, -, -, gradual, irregular

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124503 | 373.5 | 375.0 | 1.5 | 0.035 | | | | 2.74 |
| CAOND124504 | 375.0 | 376.5 | 1.5 | 0.016 | | | | 2.75 |
| CAOND124505 | 376.5 | 378.0 | 1.5 | 0.008 | | | | 2.75 |
| CAOND124506 | 378.0 | 379.5 | 1.5 | 0.005 | | | | 2.76 |
| CAOND124507 | 379.5 | 381.0 | 1.5 | 0.006 | | | | 2.78 |
| CAOND124508 | 381.0 | 382.2 | 1.2 | 0.011 | | | | 2.78 |

**Major:** **From:** 382.20 **To:** 426.00 V8Gs, Trachyte green spotted

Composition: Medium dark greenish - grey; fine to medium grained, massive, spotted by Epidote and passage rich in amphybols, coarse texture with medium grained amph. (398m- 402.5m); passage of syenite between 399.8m to 400.4m; Trachyte spotted- Intrusive Magnetism: moderate magnetic Veinning: 1-2% mm scale Qtz-calcite veinning locally Py associated and Cpy traces. Structure: Locally preferential orientation, weak shear Alteration: Moderate Chl Mineralization: 2-10 fine disseminated to patcy and spotty with local stringers of Py. Lower Contact: Not reached

**MINOR INTERVAL**
399.80 - 400.40: I2D

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
383.80, 388.20, PYR, DSN, 1.00, -, -, -
390.50, 396.40, PYR, DIS, 2.00, -, -, -
396.40, 404.40, PYR, DIS, 7.00, -, -, rich amphibols passages with >10% Py; locally stringers
407.80, 408.00, PYR, FRF, 10.00, -, -, and disseminated; associated to Kspar and Qtz veins
408.00, 426.00, PYR, DIS, 3.00, -, -, locally stringers

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
382.20, 426.00, CHL+, PEN, WEAK, -, -, -, and spotty Epidote and locally Kspar

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
401.90, 403.70, SHR, WEAK, 30.00, -, -, -, appearently contact zones, possibly two different lithologies or a weak shear area

**VEIN**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124509 | 382.2 | 383.5 | 1.3 | 0.008 | | | | 2.92 |
| CAOND124510 | 383.5 | 385.0 | 1.5 | 0.063 | | | | 2.98 |
| CAOND124511 | 385.0 | 386.5 | 1.5 | 0.075 | | | | 3.02 |
| CAOND124512 | 386.5 | 388.0 | 1.5 | 0.026 | | | | 2.97 |
| CAOND124513 | 388.0 | 389.5 | 1.5 | 0.007 | | | | 2.95 |
| CAOND124514 | 389.5 | 391.0 | 1.5 | 0.010 | | | | 2.97 |
| CAOND124516 | 391.0 | 392.5 | 1.5 | 0.025 | | | | 2.96 |
| CAOND124517 | 392.5 | 394.0 | 1.5 | 0.039 | | | | 2.98 |
| CAOND124518 | 394.0 | 395.5 | 1.5 | 0.058 | | | | 2.98 |
| CAOND124519 | 395.5 | 397.0 | 1.5 | 0.054 | | | | 2.99 |
| CAOND124521 | 397.0 | 398.2 | 1.2 | 0.158 | | | | 2.94 |
| CAOND124522 | 398.2 | 399.0 | 0.8 | 0.113 | | | | 2.86 |
| CAOND124523 | 399.0 | 399.8 | 0.8 | 0.111 | | | | 2.84 |
| CAOND124524 | 399.8 | 400.5 | 0.7 | 0.071 | | | | 2.73 |
| CAOND124526 | 400.5 | 402.0 | 1.5 | 0.083 | | | | 2.86 |
| CAOND124527 | 402.0 | 403.5 | 1.5 | 0.093 | | | | 2.81 |
| CAOND124528 | 403.5 | 405.0 | 1.5 | 0.065 | | | | 2.76 |
| CAOND124529 | 405.0 | 406.5 | 1.5 | 0.043 | | | | 2.74 |
| CAOND124531 | 406.5 | 407.5 | 1.0 | 0.183 | | | | 2.76 |
| CAOND124532 | 407.5 | 408.5 | 1.0 | 0.066 | | | | 2.80 |
| CAOND124533 | 408.5 | 409.5 | 1.0 | 0.201 | | | | 2.81 |

**Hole number:** KLUC19-543

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS

388.60, 392.10, QtzCalChl, 10.00, 40.00, -, -, -, GRY2_BASIC, -, -, -, -, grey-redish, calcite-Qtz-Carb-Hem-Chl irregular veins

405.00, 405.40, QtzChl, 40.00, -, -, -, -, GRY2_BASIC, -, -, CPY, .10, local cluster of Cpy; also some Py associated

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124534 | 409.5 | 411.0 | 1.5 | 0.111 | | | | 2.80 |
| CAOND124535 | 411.0 | 412.5 | 1.5 | 0.069 | | | | 2.78 |
| CAOND124536 | 412.5 | 414.0 | 1.5 | 0.065 | | | | 2.76 |
| CAOND124537 | 414.0 | 415.5 | 1.5 | 0.069 | | | | 2.77 |
| CAOND124538 | 415.5 | 417.0 | 1.5 | 0.062 | | | | 2.78 |
| CAOND124539 | 417.0 | 418.5 | 1.5 | 0.048 | | | | 2.74 |
| CAOND124540 | 418.5 | 420.0 | 1.5 | 0.054 | | | | 2.76 |
| CAOND124541 | 420.0 | 421.5 | 1.5 | 0.037 | | | | 2.78 |
| CAOND124542 | 421.5 | 423.0 | 1.5 | 0.104 | | | | 2.80 |
| CAOND124543 | 423.0 | 424.5 | 1.5 | 0.353 | | | | 2.94 |
| CAOND124544 | 424.5 | 426.0 | 1.5 | 0.099 | | | | 2.92 |

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 1.5 | 3.0 | 36.00 | 100.00 | | | N | |
| 3.0 | 6.0 | 78.00 | 100.00 | | | N | |
| 6.0 | 9.0 | 92.00 | 100.00 | | | N | |
| 9.0 | 12.0 | 95.00 | 100.00 | | | N | |
| 12.0 | 15.0 | 93.00 | 100.00 | | | N | |
| 15.0 | 18.0 | 90.00 | 100.00 | | | N | |
| 18.0 | 21.0 | 97.00 | 100.00 | | | N | |
| 21.0 | 24.0 | 83.00 | 100.00 | | | N | |
| 24.0 | 27.0 | 92.00 | 100.00 | | | N | |
| 27.0 | 30.0 | 93.00 | 100.00 | | | N | |
| 30.0 | 33.0 | 93.00 | 100.00 | | | N | |
| 33.0 | 36.0 | 67.00 | 100.00 | | | N | |
| 36.0 | 39.0 | 93.00 | 100.00 | | | N | |
| 39.0 | 42.0 | 92.00 | 100.00 | | | N | |
| 42.0 | 45.0 | 98.00 | 100.00 | | | N | |
| 45.0 | 48.0 | 87.00 | 100.00 | | | N | |
| 48.0 | 51.0 | 93.00 | 100.00 | | | N | |

**Hole number:** KLUC19-543

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 51.0 | 54.0 | 93.00 | 100.00 | | | N | |
| 54.0 | 57.0 | 90.00 | 100.00 | | | N | |
| 57.0 | 60.0 | 97.00 | 100.00 | | | N | |
| 60.0 | 63.0 | 83.00 | 100.00 | | | N | |
| 63.0 | 66.0 | 88.00 | 100.00 | | | N | |
| 66.0 | 69.0 | 65.00 | 100.00 | | | N | |
| 69.0 | 72.0 | 78.00 | 100.00 | | | N | |
| 72.0 | 75.0 | 90.00 | 100.00 | | | N | |
| 75.0 | 78.0 | 87.00 | 100.00 | | | N | |
| 78.0 | 81.0 | 93.00 | 100.00 | | | N | |
| 81.0 | 84.0 | 87.00 | 100.00 | | | N | |
| 84.0 | 87.0 | 90.00 | 100.00 | | | N | |
| 87.0 | 90.0 | 93.00 | 100.00 | | | N | |
| 90.0 | 93.0 | 88.00 | 100.00 | | | N | |
| 93.0 | 96.0 | 73.00 | 100.00 | | | N | |
| 96.0 | 99.0 | 73.00 | 100.00 | | | N | |
| 99.0 | 102.0 | 88.00 | 100.00 | | | N | |
| 102.0 | 105.0 | 95.00 | 100.00 | | | N | |
| 105.0 | 108.0 | 97.00 | 100.00 | | | N | |
| 108.0 | 111.0 | 92.00 | 100.00 | | | N | |
| 111.0 | 114.0 | 95.00 | 100.00 | | | N | |
| 114.0 | 117.0 | 90.00 | 100.00 | | | N | |
| 117.0 | 120.0 | 70.00 | 100.00 | | | N | |
| 120.0 | 123.0 | 73.00 | 100.00 | | | N | |
| 123.0 | 126.0 | 93.00 | 100.00 | | | N | |
| 126.0 | 129.0 | 98.00 | 100.00 | | | N | |
| 129.0 | 132.0 | 93.00 | 100.00 | | | N | |
| 132.0 | 135.0 | 75.00 | 100.00 | | | N | |

**Hole number:** KLUC19-543

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 135.0 | 138.0 | 85.00 | 100.00 | | | N | |
| 138.0 | 141.0 | 98.00 | 100.00 | | | N | |
| 141.0 | 144.0 | 87.00 | 100.00 | | | N | |
| 144.0 | 147.0 | 97.00 | 100.00 | | | N | |
| 147.0 | 150.0 | 98.00 | 100.00 | | | N | |
| 150.0 | 153.0 | 100.00 | 100.00 | | | N | |
| 153.0 | 156.0 | 93.00 | 100.00 | | | N | |
| 156.0 | 159.0 | 95.00 | 100.00 | | | N | |
| 159.0 | 162.0 | 83.00 | 100.00 | | | N | |
| 162.0 | 165.0 | 90.00 | 100.00 | | | N | |
| 165.0 | 168.0 | 85.00 | 100.00 | | | N | |
| 168.0 | 171.0 | 93.00 | 100.00 | | | N | |
| 171.0 | 174.0 | 83.00 | 100.00 | | | N | |
| 174.0 | 177.0 | 80.00 | 100.00 | | | N | |
| 177.0 | 180.0 | 95.00 | 100.00 | | | N | |
| 180.0 | 183.0 | 73.00 | 100.00 | | | N | |
| 183.0 | 186.0 | 88.00 | 100.00 | | | N | |
| 186.0 | 189.0 | 83.00 | 100.00 | | | N | |
| 189.0 | 192.0 | 87.00 | 100.00 | | | N | |
| 192.0 | 195.0 | 88.00 | 100.00 | | | N | |
| 195.0 | 198.0 | 92.00 | 100.00 | | | N | |
| 198.0 | 201.0 | 90.00 | 100.00 | | | N | |
| 201.0 | 204.0 | 80.00 | 100.00 | | | N | |
| 204.0 | 207.0 | 87.00 | 100.00 | | | N | |
| 207.0 | 210.0 | 97.00 | 100.00 | | | N | |
| 210.0 | 213.0 | 93.00 | 100.00 | | | N | |
| 213.0 | 216.0 | 90.00 | 100.00 | | | N | |
| 216.0 | 219.0 | 90.00 | 100.00 | | | N | |

**Hole number:** KLUC19-543

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 219.0 | 222.0 | 98.00 | 100.00 | | | N | |
| 222.0 | 225.0 | 98.00 | 100.00 | | | N | |
| 225.0 | 228.0 | 88.00 | 100.00 | | | N | |
| 228.0 | 231.0 | 60.00 | 100.00 | | | N | |
| 231.0 | 234.0 | 63.00 | 100.00 | | | N | |
| 234.0 | 237.0 | 97.00 | 100.00 | | | N | |
| 237.0 | 240.0 | 97.00 | 100.00 | | | N | |
| 240.0 | 243.0 | 97.00 | 100.00 | | | N | |
| 243.0 | 246.0 | 90.00 | 100.00 | | | N | |
| 246.0 | 249.0 | 83.00 | 100.00 | | | N | |
| 249.0 | 252.0 | 90.00 | 100.00 | | | N | |
| 252.0 | 255.0 | 97.00 | 100.00 | | | N | |
| 255.0 | 258.0 | 90.00 | 100.00 | | | N | |
| 258.0 | 261.0 | 93.00 | 100.00 | | | N | |
| 261.0 | 264.0 | 90.00 | 100.00 | | | N | |
| 264.0 | 267.0 | 70.00 | 100.00 | | | N | |
| 267.0 | 270.0 | 93.00 | 100.00 | | | N | |
| 270.0 | 273.0 | 90.00 | 100.00 | | | N | |
| 273.0 | 276.0 | 75.00 | 100.00 | | | N | |
| 276.0 | 279.0 | 82.00 | 100.00 | | | N | |
| 279.0 | 282.0 | 93.00 | 100.00 | | | N | |
| 282.0 | 285.0 | 97.00 | 100.00 | | | N | |
| 285.0 | 288.0 | 97.00 | 100.00 | | | N | |
| 288.0 | 291.0 | 97.00 | 100.00 | | | N | |
| 291.0 | 294.0 | 87.00 | 100.00 | | | N | |
| 294.0 | 297.0 | 93.00 | 100.00 | | | N | |
| 297.0 | 300.0 | 100.00 | 100.00 | | | N | |
| 300.0 | 303.0 | 90.00 | 100.00 | | | N | |

**Hole number:** KLUC19-543

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 303.0 | 306.0 | 90.00 | 100.00 | | | N | |
| 306.0 | 309.0 | 93.00 | 100.00 | | | N | |
| 309.0 | 312.0 | 97.00 | 100.00 | | | N | |
| 312.0 | 315.0 | 90.00 | 100.00 | | | N | |
| 315.0 | 318.0 | 80.00 | 100.00 | | | N | |
| 318.0 | 321.0 | 67.00 | 100.00 | | | N | |
| 321.0 | 324.0 | 77.00 | 100.00 | | | N | |
| 324.0 | 327.0 | 77.00 | 100.00 | | | N | |
| 327.0 | 330.0 | 95.00 | 100.00 | | | N | |
| 330.0 | 333.0 | 95.00 | 100.00 | | | N | |
| 333.0 | 336.0 | 97.00 | 100.00 | | | N | |
| 336.0 | 339.0 | 96.00 | 100.00 | | | N | |
| 339.0 | 342.0 | 100.00 | 100.00 | | | N | |
| 342.0 | 345.0 | 100.00 | 100.00 | | | N | |
| 345.0 | 348.0 | 92.00 | 100.00 | | | N | |
| 348.0 | 351.0 | 83.00 | 100.00 | | | N | |
| 351.0 | 354.0 | 97.00 | 100.00 | | | N | |
| 354.0 | 357.0 | 83.00 | 100.00 | | | N | |
| 357.0 | 360.0 | 97.00 | 100.00 | | | N | |
| 360.0 | 363.0 | 97.00 | 100.00 | | | N | |
| 363.0 | 366.0 | 97.00 | 100.00 | | | N | |
| 366.0 | 369.0 | 95.00 | 100.00 | | | N | |
| 369.0 | 372.0 | 98.00 | 100.00 | | | N | |
| 372.0 | 375.0 | 98.00 | 100.00 | | | N | |
| 375.0 | 378.0 | 100.00 | 100.00 | | | N | |
| 378.0 | 381.0 | 100.00 | 100.00 | | | N | |
| 381.0 | 384.0 | 100.00 | 100.00 | | | N | |
| 384.0 | 387.0 | 93.00 | 100.00 | | | N | |

**Hole number:** KLUC19-543

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 387.0 | 390.0 | 95.00 | 100.00 | | | N | |
| 390.0 | 393.0 | 96.00 | 100.00 | | | N | |
| 393.0 | 396.0 | 93.00 | 100.00 | | | N | |
| 396.0 | 399.0 | 92.00 | 100.00 | | | N | |
| 399.0 | 402.0 | 97.00 | 100.00 | | | N | |
| 402.0 | 405.0 | 97.00 | 100.00 | | | N | |
| 405.0 | 408.0 | 100.00 | 100.00 | | | N | |
| 408.0 | 411.0 | 100.00 | 100.00 | | | N | |
| 411.0 | 414.0 | 92.00 | 100.00 | | | N | |
| 414.0 | 417.0 | 95.00 | 100.00 | | | N | |
| 417.0 | 420.0 | 98.00 | 100.00 | | | N | |
| 420.0 | 423.0 | 92.00 | 100.00 | | | N | |
| 423.0 | 426.0 | 95.00 | 100.00 | | | N | |

AGNICO EAGLE

# DRILL HOLE REPORT

## EXPLORATION CANADA ONTARIO

**Hole number:** KLUC19-544 **Project Number:** U_Canada **Project name:** Upper Canada

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Historic hole number:** | | **Collar survey:** | Y | **From:** | 0.0 | **Coordinates:** | P |
| **System:** | METRIC | **Verified:** | N | **To:** | 360.0 | **Grid:** | UTM83-17_CSRS-2010: |
| **Target:** | UC_NORTHLAND | **Gas:** | N | **Depth:** | 360.0 | **North:** | 5,332,714.10 |
| **No. Claim:** | PAT-18822 | **Multishot survey:** | N | **Location:** | Surface | **East:** | 585,435.39 |
| **Year:** | 2 019 | **Is making water:** | N | **Core storage:** | Exploration Camp | **Elevation:** | 366.37 |
| **Date started:** | 2019-05-28 | **Object in hole:** | N | **Contractor:** | Asinii Drilling | **Collar dip:** | -44.23 |
| **Date logged:** | 2019-06-15 | **Pulse EM survey:** | N | **Logged by:** | Ana Moldoveanu | **Collar azimuth:** | 346.56 |
| **Date completed:** | 2019-05-30 | **Plugged:** | Y | **Signature:** | Mélanie Bouchard | | |
| **Core size:** | NQ | **Cemented:** | Y | | | | |
| **Hole type:** | EXP | **Branch:** | N | | | | |
| **Casing:** | Left in Hole | **Reserve:** | N | | | | |
| **Logging status:** | Signed | | | | | | |
| **Rig number:** | 2501 | | | | | | |

**Additional sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Proposed hole: UCP19-042. New and improved Asinii II drill Rig: 2501. Targeting: Northland - West of diabase

**Assay average**

| Average type | From | To | Length | Width | Zone | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Pb_ppm | Ni_ppm | As_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WEIGHTED | 35.5 | 40.5 | 5.0 | | | 0.892 | | | | | | |
| WEIGHTED | 123.0 | 130.5 | 7.5 | | | 0.966 | | | | | | |

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 346.56 | -44.23 | S | O | Surveyed direction (az corrected true North) |
| 18.0 | 347.30 | -44.80 | EZ | O | 55602 |
| 75.0 | 347.90 | -44.40 | EZ | O | 54941 |
| 135.0 | 349.30 | -44.30 | EZ | O | 54571 |
| 195.0 | 347.80 | -44.00 | EZ | O | 55000 |
| 255.0 | 346.40 | -43.70 | EZ | O | 53748 |
| 330.0 | 346.90 | -43.40 | EZ | O | 54539 |

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 345.00 | -45.00 | PLANNED | | Planned direction |
| 45.0 | 347.10 | -44.60 | EZ | O | 54968 |
| 105.0 | 345.40 | -44.40 | EZ | O | 54734 |
| 165.0 | 347.40 | -44.10 | EZ | O | 55194 |
| 225.0 | 344.90 | -43.90 | EZ | O | 54387 |
| 300.0 | 344.50 | -43.50 | EZ | O | 53895 |
| 360.0 | 345.70 | -43.20 | EZ | O | 52978 |

## Hole number: KLUC19-544

| Certificate |
|---|
| TM19149891 |
| TM19154940 |
| TM19179157 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505D19-035 | Excaon1D | CAOND124389 - CAOND124638<br>CAOND124833 - CAOND124841 |
| CXE5505D19-036 | Excaon1D | CAOND124639 - CAOND124832<br>CAOND124842 - CAOND124961 |

*The sample list may content samples from other holes

| Sample number | Standard |
|---|---|
| CAOND124560 | CDN-CM-27-AEM |
| CAOND124570 | BLANK-DB |
| CAOND124575 | CDN-GS-5W |
| CAOND124590 | CDN-CM-28-AEM |
| CAOND124615 | CDN-CM-27-AEM |
| CAOND124620 | BLANK-DB |
| CAOND124630 | CDN-GS-5W |
| CAOND124645 | CDN-CM-28-AEM |
| CAOND124660 | CDN-CM-27-AEM |
| CAOND124670 | BLANK-DB |
| CAOND124675 | CDN-GS-5W |
| CAOND124690 | CDN-CM-28-AEM |
| CAOND124715 | CDN-CM-27-AEM |
| CAOND124720 | BLANK-DB |
| CAOND124730 | CDN-GS-5W |
| CAOND124745 | CDN-CM-28-AEM |
| CAOND124760 | CDN-CM-27-AEM |
| CAOND124770 | BLANK-DB |
| CAOND124775 | CDN-GS-5W |
| CAOND124790 | CDN-CM-28-AEM |
| CAOND124814 | CDN-CM-27-AEM |
| CAOND124820 | BLANK-DB |
| CAOND124830 | CDN-GS-5W |

**Major:** **From:** 0.00 **To:** 2.00 OVB, Overburden

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

1.50, 2.00, KFS+, PEN, MOD, -, -, -, Kspar and associated Chl patches and fracture filling

**Major:** **From:** 2.00 **To:** 4.30 bx, Breccia

Composition: Medium pink - greenish grey, fine grained,brecciated aspect; Bx /S - Breccia/S Magnetism: Non magnetic. Veinning: Less than 1% (one Q-Ca, 1cm vein Structure: locally fractured; brecciated aspect Alteration: Moderate Kspar and Chl alteration. Mineralization: 1-2 locally fine grained dissemianted Py. Lower Contact: Gradual and irregular.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124546 | 2.0 | 3.0 | 1.0 | 0.052 | | | | 2.87 |
| CAOND124547 | 3.0 | 4.3 | 1.3 | 0.170 | | | | 2.72 |

**Hole number:** KLUC19-544

3.00, 4.30, PYR, DIS, 2.00, -, -, fine to medium grained, disseminated Py; locally isolated stringers

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
2.00, 4.30, KFS+, PEN, MOD, -, -, -, Kspar and associated Chl patches and fracture filling

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
2.00, 4.30, BRC, MOD, -, -, -, -, and local fragmentation(2.6m - 3m)

**Major:** **From:** 4.30 **To:** 10.50 I2D, Syénite

Composition: Medium pink grey, fine grained, semi-brecciated aspect; I2D - Syenite intrusion Magnetism: Non magnetic. Veinning: Less than 1% mm scale irregular and discontinuous calcite veinlets and less than 1% qtz-carb-chl veins. Structure: Semibrecciated aspect and locally fractured Alteration: Moderate Kspar and weak Chl alteration. Mineralization: 1-2% very fine and fine grained dissemianted Py. Lower Contact: Gradual and irregular.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
4.30, 7.20, PYR, DIS, 2.00, -, -, fine to medium grained, disseminated Py; locally isolated stringers

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
4.30, 10.50, KFS+, PEN, MOD, -, -, -, Kspar and associated Chl patches and fracture filling

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
4.30, 4.50, BRC, MOD, -, -, -, -, and local fragmentation(2.6m - 3m)
4.50, 10.00, FPJ, WEAK, 40.00, -, -, -, to moderate; thin, parallel fractures @ 30-50°; semi-brecciated aspect and locally fractured short intervals

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124548 | 4.3 | 5.5 | 1.2 | 0.069 | | | | 2.75 |
| CAOND124549 | 5.5 | 7.0 | 1.5 | 0.051 | | | | 2.73 |
| CAOND124551 | 7.0 | 8.5 | 1.5 | 0.069 | | | | 2.79 |
| CAOND124552 | 8.5 | 9.5 | 1.0 | 0.058 | | | | 2.75 |
| CAOND124553 | 9.5 | 10.5 | 1.0 | 0.231 | | | | 2.78 |

**Major:** **From:** 10.50 **To:** 29.00 V8Gs, Trachyte green spotted

Composition: Medium dark red-greenish - grey; fine grained, massive,; short minors of Syenite porphyry ; Trachyte spotted- Intrusive Magnetism: moderate magnetic Veinning: less than 1-2% mm scale Qtz-calcite with local 5 cm vein Structure: Local short fractured passages Alteration: Weak to moderate Kspar, Chl; moderate Calcite Mineralization: 1-2 fine disseminated with local stringers Py. Lower Contact: Gradual

**MINOR INTERVAL**
10.80 - 11.50: I2Dp

**MINOR INTERVAL**
16.30 - 17.30: I2Dmp

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124554 | 10.5 | 12.0 | 1.5 | 0.174 | | | | 2.76 |
| CAOND124555 | 12.0 | 13.5 | 1.5 | 0.294 | | | | 2.75 |
| CAOND124556 | 13.5 | 15.0 | 1.5 | 0.715 | | | | 2.79 |
| CAOND124557 | 15.0 | 16.5 | 1.5 | 0.347 | | | | 2.76 |
| CAOND124558 | 16.5 | 18.0 | 1.5 | 0.910 | | | | 2.75 |
| CAOND124559 | 18.0 | 19.5 | 1.5 | 0.425 | | | | 2.77 |
| CAOND124561 | 19.5 | 21.0 | 1.5 | 0.356 | | | | 2.76 |
| CAOND124562 | 21.0 | 22.5 | 1.5 | 0.745 | | | | 2.76 |
| CAOND124563 | 22.5 | 24.0 | 1.5 | 0.343 | | | | 2.72 |

**Hole number:** KLUC19-544

13.00, 29.00, PYR, DIS, 2.00, -, -, generally very fine to fine disseminated Py; local stringer at 16.5m

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
10.50, 29.00, CAL+, PEN, MOD, -, -, -, moderate to stronger reaction to HCl
10.50, 29.00, KFS+, PEN, WEAK, -, -, -, also weak amphybol and Chl alteration by intervals

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
12.50, 18.10, FRA, WEAK, 50.00, -, -, -, local short fractured intervals

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
15.10, 15.20, QtzCalChl, 50.00, 50.00, -, -, -, GRY2_BASIC, 5.00, -, -, -, 5 cm Calcite dominant vein ±Qtz+Kspar+Chl

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124564 | 24.0 | 25.5 | 1.5 | 0.252 | | | | 2.75 |
| CAOND124565 | 25.5 | 27.0 | 1.5 | 0.340 | | | | 2.75 |
| CAOND124566 | 27.0 | 28.0 | 1.0 | 0.554 | | | | 2.77 |
| CAOND124567 | 28.0 | 29.0 | 1.0 | 0.269 | | | | 2.77 |

**Major:** **From:** 29.00 **To:** 34.40 S, Roches sédimentaires indéterminées

Composition: Dominantly dark red with greenish- grey patches; dominantly fine grained and massive with a 20 cm minor of V8Gs; S - Sediment Magnetism: Non magnetic. Veinning: less than 1% irregular Structure: Weak brecciated and locally fractured Alteration: Moderate Kspar, irregular-patchy Chl alteration. Mineralization: 2-3 fine grained disseminated Py, locally fracture filling and clusters. Lower Contact: gradual, irregular

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
29.00, 34.40, PYR, DIS, 2.00, -, -, with local fracture filling and clusters
29.00, 34.40, PYR, DIS, 2.00, -, -, generally fine disseminated; locally small clusters

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
29.00, 34.40, KFS+, PEN, MOD, -, -, -, with Chl patches and fractures filling

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
31.30, 33.50, FRA, WEAK, 40.00, -, -, -, semi-brecciated to brecciated aspect by passages

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124568 | 29.0 | 30.5 | 1.5 | 0.083 | | | | 2.76 |
| CAOND124569 | 30.5 | 32.0 | 1.5 | 0.086 | | | | 2.72 |
| CAOND124571 | 32.0 | 33.5 | 1.5 | 0.041 | | | | 2.52 |
| CAOND124572 | 33.5 | 34.4 | 0.9 | 0.042 | | | | 2.71 |

**Major:** **From:** 34.40 **To:** 44.20 V8Gs, Trachyte green spotted

Composition: Dark red-greenish- grey; fine grained, massive with local fractured short passages, spotted by amphybols ; Trachyte spotted- Intrusive Magnetism: moderate magnetite. Veinning: less than 1% mm scale Qtz-calcite veinning Structure: By passages preferential orientation Alteration: Moderate Chl and Calcite, weak Kspar Mineralization: 1 to 3% fine disseminated with local small clusters of Py. Lower Contact: Sharp, 60°

**MINERALIZATION**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124573 | 34.4 | 35.5 | 1.1 | 0.178 | | | | 2.73 |
| CAOND124574 | 35.5 | 36.5 | 1.0 | 0.763 | | | | 2.78 |
| CAOND124576 | 36.5 | 37.5 | 1.0 | 0.666 | | | | 2.80 |
| CAOND124577 | 37.5 | 39.0 | 1.5 | 0.817 | | | | 2.77 |

**Hole number:** KLUC19-544

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
34.40, 34.50, PYR, DIS, 2.00, -, -, with local fracture filling and clusters
34.40, 44.20, PYR, DIS, 2.00, -, -, generally fine disseminated; locally small clusters

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
34.40, 34.50, KFS+, PEN, MOD, -, -, -, with Chl patches and fractures filling
34.50, 44.20, CAL+, PEN, MOD, -, -, -, locally stronger
34.50, 44.20, CHL+, PAT, MOD, -, -, -, also Kspar alteration associated all along

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
39.00, 44.20, FRA, WEAK, 35.00, -, -, -, locally short passages moderate fracturation
44.10, 44.20, LWC, WEAK, 60.00, -, -, -, clear but not sharp

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124578 | 39.0 | 40.5 | 1.5 | 1.205 | | | | 2.78 |
| CAOND124579 | 40.5 | 42.0 | 1.5 | 0.084 | | | | 2.74 |
| CAOND124581 | 42.0 | 43.0 | 1.0 | 0.101 | | | | 2.73 |
| CAOND124582 | 43.0 | 44.2 | 1.2 | 0.225 | | | | 2.74 |

**Major:** **From:** 44.20 **To:** 58.50 S, Roches sédimentaires indéterminées

Composition: Dominantly dark red-green grey; dominantly fine grained and massive, short fractured passages ; S - Sediment Magnetism: Non magnetic. Veinning: 1-2% mm -cm scale Q-Chl veinning Structure: Weak fractured Alteration: Moderate Kspar, Chl alteration. Mineralization: 2-3 fine grained disseminated Py with local accumulations as stringers and patches Lower Contact: Gradual, irregular

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
44.20, 58.50, PYR, DIS, 2.00, -, -, generally very fine to fine disseminated with local accumulations as stringers and clusters(52.1m, 53.1m

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
44.20, 58.50, KFS+, PEN, MOD, -, -, -, Chl associated as patches and fracture filling and spotty by passages

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
44.20, 52.00, FRA, WEAK, 40.00, -, -, -, locally moderate

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
45.90, 46.10, QtzCalChl, 50.00, 40.00, -, -, -, GRY2_BASIC, 9.00, BRC, PYR, .50, 9 cm brecciated Q-Chl vein
52.00, 58.20, QtzCalChl, 2.00, 30.00, -, -, -, GRY2_BASIC, 10.00, BAN, -, -, mm to cm veins and veinlets

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124583 | 44.2 | 45.5 | 1.3 | 0.066 | | | | 2.71 |
| CAOND124584 | 45.5 | 47.0 | 1.5 | 0.033 | | | | 2.68 |
| CAOND124585 | 47.0 | 48.5 | 1.5 | 0.032 | | | | 2.65 |
| CAOND124586 | 48.5 | 50.0 | 1.5 | 0.033 | | | | 2.68 |
| CAOND124587 | 50.0 | 51.5 | 1.5 | 0.042 | | | | 2.68 |
| CAOND124588 | 51.5 | 53.0 | 1.5 | 0.036 | | | | 2.69 |
| CAOND124589 | 53.0 | 54.5 | 1.5 | 0.040 | | | | 2.67 |
| CAOND124591 | 54.5 | 56.0 | 1.5 | 0.045 | | | | 2.67 |
| CAOND124592 | 56.0 | 57.5 | 1.5 | 0.034 | | | | 2.65 |
| CAOND124593 | 57.5 | 58.5 | 1.0 | 0.052 | | | | 2.67 |

## Hole number: KLUC19-544

**Major:** **From:** 58.50 **To:** 74.20 S1, CONGLOMÉRAT

Composition: Dominantly dark green grey with a mix of different xenolites and locally silica flooded patches ; dominantly fine grained and massive; S1 - Conglomerate Magnetism: locally weakly magnetic. Veinning: silicified patches Structure: passages of dominant pattern at 45°; brecciated aspect by passages Alteration: Moderate irregular-patchy Chl alteration. Mineralization: 2-3 fine grained disseminated Py. Lower Contact: Clear/sharp @ 40°

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

58.50, 63.60, PYR, DIS, 3.00, -, -, very fine to fine, generally disseminated, locally clusters and accumulations up to 7%

63.60, 74.00, PYR, DIS, 2.00, -, -, generally fine disseminated

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

58.50, 74.20, CHL+, PAT, MOD, -, -, -, clasts of Si, kspar, mix of all kind of xenolites

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

58.50, 74.00, FRA, WEAK, 65.00, -, -, -, locally short moderate fractured; passages with brecciated aspect and a dominant pattern at 45°

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124594 | 58.5 | 60.0 | 1.5 | 0.060 | | | | 2.73 |
| CAOND124595 | 60.0 | 61.5 | 1.5 | 0.020 | | | | 2.74 |
| CAOND124596 | 61.5 | 63.0 | 1.5 | 0.044 | | | | 2.73 |
| CAOND124597 | 63.0 | 64.5 | 1.5 | 0.024 | | | | 2.76 |
| CAOND124598 | 64.5 | 66.0 | 1.5 | 0.032 | | | | 2.73 |
| CAOND124599 | 66.0 | 67.5 | 1.5 | 0.142 | | | | 2.72 |
| CAOND124601 | 67.5 | 69.0 | 1.5 | 0.081 | | | | 2.72 |
| CAOND124602 | 69.0 | 70.5 | 1.5 | 0.117 | | | | 2.70 |
| CAOND124603 | 70.5 | 72.0 | 1.5 | 0.080 | | | | 2.70 |
| CAOND124604 | 72.0 | 73.0 | 1.0 | 0.069 | | | | 2.73 |
| CAOND124605 | 73.0 | 74.2 | 1.2 | 0.044 | | | | 2.72 |

**Major:** **From:** 74.20 **To:** 91.30 S, Roches sédimentaires indéterminées

Composition: Medium dark red to locally greenish fractures; fine grained and massive with passage of Porphyritic intrusive (84m-84.7m); S - Sediment Magnetism: Non magnetic. Veinning: 1-2% irregular mm to locally cm scale calcite veinning. Structure: fractured passage Alteration: Moderate Kspar, irregular-patchy and fracture filling Chl alteration. Mineralization: 1-2% fine grained disseminated Py. Lower Contact: gradual, irregular

**MINOR INTERVAL**

84.00 - 84.70: PORPH

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

74.20, 84.40, PYR, DIS, .50, -, -, very fine to fine disseminated

88.50, 91.30, PYR, DIS, 1.00, -, -, locally clusters of Cpy

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

74.20, 91.30, KFS+, PEN, MOD, -, -, -, with Chl filling fractures

91.00, 91.30, CAL+, PEN, MOD, -, -, -, moderate to locally stronger reaction to HCl

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

79.50, 80.40, FRA, WEAK, 70.00, -, -, -, to moderate and semi-brecciated aspect

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124606 | 74.2 | 75.5 | 1.3 | 0.186 | | | | 2.67 |
| CAOND124607 | 75.5 | 77.0 | 1.5 | 0.221 | | | | 2.66 |
| CAOND124608 | 77.0 | 78.5 | 1.5 | 0.148 | | | | 2.65 |
| CAOND124609 | 78.5 | 80.0 | 1.5 | 0.082 | | | | 2.66 |
| CAOND124610 | 80.0 | 81.5 | 1.5 | 0.099 | | | | 2.64 |
| CAOND124611 | 81.5 | 83.0 | 1.5 | 0.111 | | | | 2.65 |
| CAOND124612 | 83.0 | 84.0 | 1.0 | 0.119 | | | | 2.65 |
| CAOND124613 | 84.0 | 84.7 | 0.7 | 0.186 | | | | 2.72 |
| CAOND124614 | 84.7 | 86.0 | 1.3 | 0.070 | | | | 2.67 |
| CAOND124616 | 86.0 | 87.5 | 1.5 | 0.058 | | | | 2.65 |
| CAOND124617 | 87.5 | 89.0 | 1.5 | 0.038 | | | | 2.68 |
| CAOND124618 | 89.0 | 90.5 | 1.5 | 0.064 | | | | 2.70 |
| CAOND124619 | 90.5 | 91.3 | 0.8 | 0.224 | | | | 2.73 |

**Hole number:** KLUC19-544

88.00, 90.50, FRA, WEAK, 30.00, -, -, -, to locally moderate

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
74.50, 83.00, QtzCalChl, 2.00, 20.00, -, -, -, GRY2_BASIC, 15.00, BAN, -, -, generally banded, at a low angle(20°), locally fractured

**Major:** **From:** 91.30 **To:** 95.90 I2Dmp, Syenite mafic porphyryitic

Composition: Medium dark greenish-grey, fine to locally medium grained I2D - Syenite intrusion Magnetism: weak to moderate magnetic. Veinning: Less than 1% mm -cm scale irregular and discontinuous qtz-carb-chl veins. Structure: certain fabric and lineation @ 60° Alteration: Moderate Calcite, Chl and weak Kspar alteration. Mineralization: 1-2% very fine and fine grained dissemianted Py. Lower Contact: Gradual, regular

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
91.30, 95.90, PYR, DIS, 1.00, -, -, locally clusters of Cpy

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
91.30, 95.90, CAL+, PEN, MOD, -, -, -, moderate to locally stronger reaction to HCl
91.30, 95.90, CHL+, PEN, MOD, -, -, -, also as patches and fracturs filling

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
95.80, 95.90, LWC, MOD, 35.00, -, -, -, sharp

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124621 | 91.3 | 92.5 | 1.2 | 0.327 | | | | 2.76 |
| CAOND124622 | 92.5 | 94.0 | 1.5 | 0.560 | | | | 2.76 |
| CAOND124623 | 94.0 | 95.0 | 1.0 | 0.584 | | | | 2.76 |
| CAOND124624 | 95.0 | 95.9 | 0.9 | 0.062 | | | | 2.77 |

**Major:** **From:** 95.90 **To:** 100.70 S, Roches sédimentaires indéterminées

Composition: Medium dark green - grey; very fine to fine grained, apparently foliated ; S - Sediment Magnetism: Non magnetic. Veinning: less than 1% mm scale Q-Ca-Chl veinning Structure: Weak fractured Alteration: Moderate Sericite, Chl alteration± Epi. Mineralization: 0.5-1% fine grained disseminated Py with local accumulations Lower Contact: Gradual, fragmented

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
95.90, 96.00, PYR, DIS, 1.00, -, -, locally clusters of Cpy

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
95.90, 100.70, CAL+, PEN, MOD, -, -, -, moderate to locally stronger reaction to HCl
95.90, 100.70, CHL+, PEN, MOD, -, -, -, also as patches and fracturs filling
95.90, 100.20, SER+, PEN, MOD, -, -, -, Sr dominant, Chl±Epi associated

**STRUCTURE**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124626 | 95.9 | 97.0 | 1.1 | 0.040 | | | | 2.72 |
| CAOND124627 | 97.0 | 98.5 | 1.5 | 0.025 | | | | 2.72 |
| CAOND124628 | 98.5 | 100.0 | 1.5 | 0.023 | | | | 2.71 |
| CAOND124629 | 100.0 | 100.7 | 0.7 | 0.050 | | | | 2.72 |

**Hole number:** KLUC19-544

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
95.90, 100.20, FOL, WEAK, 30.00, -, -, -, looks foliated, some bedding also
98.00, 100.70, FRA, WEAK, 30.00, -, -, -, to locally moderate
100.60, 100.70, LWC, MOD, 35.00, -, -, -, fractured

**Major:** **From:** 100.70 **To:** 139.70 I2Dmp, Syenite mafic porphyryitic

Composition: Medium dark greenish-grey, fine to locally medium grained I2D - Syenite intrusion Magnetism: weak to moderate magnetic. Veinning: less than 2% mm -cm scale qtz-carb-chl veins. Structure: local fraxcturation Alteration: Moderate Calcite, Chl and weak Kspar alteration. Mineralization: 2-3% very fine and fine grained disseminated Py. Lower Contact: Gradual, regular

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
100.70, 139.70, PYR, DIS, 3.00, -, -, as small clusters too

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
100.70, 120.00, CAL+, PEN, MOD, -, -, -, moderate to locally stronger reaction to HCl
100.70, 139.70, CHL+, PEN, MOD, -, -, -, also as patches and fracturs filling
138.00, 139.70, CAL+, PEN, MOD, -, -, -, moderate to locally stronger reaction to HCl

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
111.30, 117.00, FRA, WEAK, 55.00, -, -, -, to locally moderate
139.60, 139.70, LWC, MOD, 80.00, -, -, -, sharp, irregular

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
115.80, 117.00, QtzCalChl, 5.00, 30.00, -, -, -, GRY2_BASIC, 6.00, BAN, -, -, 1 cm and 5 cm large veins

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124631 | 100.7 | 102.0 | 1.3 | 0.110 | | | | 2.78 |
| CAOND124632 | 102.0 | 103.5 | 1.5 | 0.103 | | | | 2.76 |
| CAOND124633 | 103.5 | 105.0 | 1.5 | 0.187 | | | | 2.77 |
| CAOND124634 | 105.0 | 106.5 | 1.5 | 0.102 | | | | 2.78 |
| CAOND124635 | 106.5 | 108.0 | 1.5 | 0.245 | | | | 2.76 |
| CAOND124636 | 108.0 | 109.5 | 1.5 | 0.364 | | | | 2.77 |
| CAOND124637 | 109.5 | 111.0 | 1.5 | 0.484 | | | | 2.78 |
| CAOND124638 | 111.0 | 112.5 | 1.5 | 0.219 | | | | 2.79 |
| CAOND124639 | 112.5 | 114.0 | 1.5 | 0.325 | | | | 2.79 |
| CAOND124640 | 114.0 | 115.5 | 1.5 | 0.227 | | | | 2.79 |
| CAOND124641 | 115.5 | 117.0 | 1.5 | 0.542 | | | | 2.77 |
| CAOND124642 | 117.0 | 118.5 | 1.5 | 0.239 | | | | 2.78 |
| CAOND124643 | 118.5 | 120.0 | 1.5 | 0.124 | | | | 2.81 |
| CAOND124644 | 120.0 | 121.5 | 1.5 | 0.238 | | | | 2.80 |
| CAOND124646 | 121.5 | 123.0 | 1.5 | 0.047 | | | | 2.80 |
| CAOND124647 | 123.0 | 124.5 | 1.5 | 0.629 | | | | 2.81 |
| CAOND124648 | 124.5 | 126.0 | 1.5 | 1.445 | | | | 2.81 |
| CAOND124649 | 126.0 | 127.5 | 1.5 | 1.310 | | | | 2.82 |
| CAOND124651 | 127.5 | 129.0 | 1.5 | 0.640 | | | | 2.82 |
| CAOND124652 | 129.0 | 130.5 | 1.5 | 0.807 | | | | 2.80 |
| CAOND124653 | 130.5 | 132.0 | 1.5 | 0.325 | | | | 2.82 |
| CAOND124654 | 132.0 | 133.5 | 1.5 | 0.442 | | | | 2.82 |
| CAOND124655 | 133.5 | 135.0 | 1.5 | 0.348 | | | | 2.81 |
| CAOND124656 | 135.0 | 136.5 | 1.5 | 0.359 | | | | 2.79 |
| CAOND124657 | 136.5 | 138.0 | 1.5 | 0.240 | | | | 2.80 |
| CAOND124658 | 138.0 | 139.0 | 1.0 | 0.420 | | | | 2.76 |
| CAOND124659 | 139.0 | 139.7 | 0.7 | 0.073 | | | | 2.75 |

**Major:** **From:** 139.70 **To:** 144.60 S7E, Mudstone

Composition: Dark green - grey; Generally very fine grained, foliated aspect, locally semi-brecciated

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124661 | 139.7 | 141.0 | 1.3 | 0.207 | | | | 2.70 |

**Hole number:** KLUC19-544

and massive, short fractured passages ; S7E?/S - Mudstone?/S Magnetism: Non magnetic. Veinning: less than 1% mm -cm scale Q-Chl veinning Structure: Locally weakly fractured Alteration: Moderate Calcite and Chl alteration. Mineralization: 1-2% fine grained disseminated Py Lower Contact: Gradual, irregular

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

139.70, 144.60, PYR, DIS, 2.00, -, -, very fine to fine disseminated and local accumulations

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

139.70, 144.60, CHL+, PEN, MOD, -, -, -, also as patches and fractures filling

139.70, 144.60, CAL+, PEN, MOD, -, -, -, moderate to locally stronger reaction to HCl

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

140.00, 143.20, FRA, WEAK, 50.00, -, -, -, locally moderate; a certain fabric @ 40°

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124662 | 141.0 | 142.5 | 1.5 | 0.024 | | | | 2.70 |
| CAOND124663 | 142.5 | 144.0 | 1.5 | 0.019 | | | | 2.68 |
| CAOND124664 | 144.0 | 144.6 | 0.6 | 0.022 | | | | 2.74 |

**Major:** **From:** 144.60 **To:** 184.10 S, Roches sédimentaires indéterminées

Composition: Dark brownish- red -green grey; dominantly fine grained and massive, locally fractured passages ; S - Sediment Magnetism: Non magnetic. Veinning: 2% mm -cm scale Q-Chl veinning; locally brecciated Carbonate dominant Structure: Locally weakly fractured Alteration: Moderate Calcite, Chl alteration, Weak to moderate K-spar. Mineralization: 2-3 fine grained disseminated Py with local accumulations as stringers and patches Lower Contact: sharp

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

144.60, 184.10, PYR, DIS, 2.00, -, -, very fine to fine disseminated and local accumulations

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

144.60, 159.00, CHL+, PEN, MOD, -, -, -, also as patches and fractures filling

144.60, 160.00, CAL+, PEN, MOD, -, -, -, moderate to locally stronger reaction to HCl

159.00, 184.10, KFS+, PEN, WEAK, -, -, -, to moderate by passages; Chl associated

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

154.90, 159.00, FRA, WEAK, 40.00, -, -, -, to locally moderate and possibly Gouge at 158.7m

184.10, 184.10, LWC, MOD, 40.00, -, -, -, sharp

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

157.00, 162.00, CalChl, 5.00, 20.00, -, -, -, GRY_00025, 20.00, BAN, -, -, predominantly Calcite-Carb, minor Qtz, Hem / Kspar associated too

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124665 | 144.6 | 146.0 | 1.4 | 0.014 | | | | 2.70 |
| CAOND124666 | 146.0 | 147.5 | 1.5 | 0.016 | | | | 2.69 |
| CAOND124667 | 147.5 | 149.0 | 1.5 | 0.012 | | | | 2.71 |
| CAOND124668 | 149.0 | 150.5 | 1.5 | 0.017 | | | | 2.70 |
| CAOND124669 | 150.5 | 152.0 | 1.5 | 0.016 | | | | 2.69 |
| CAOND124671 | 152.0 | 153.5 | 1.5 | 0.031 | | | | 2.69 |
| CAOND124672 | 153.5 | 155.0 | 1.5 | 0.025 | | | | 2.70 |
| CAOND124673 | 155.0 | 156.5 | 1.5 | 0.020 | | | | 2.72 |
| CAOND124674 | 156.5 | 158.0 | 1.5 | 0.041 | | | | 2.73 |
| CAOND124676 | 158.0 | 159.5 | 1.5 | 0.042 | | | | 2.71 |
| CAOND124677 | 159.5 | 161.0 | 1.5 | 0.033 | | | | 2.68 |
| CAOND124678 | 161.0 | 162.5 | 1.5 | 0.060 | | | | 2.69 |
| CAOND124679 | 162.5 | 164.0 | 1.5 | 0.042 | | | | 2.67 |
| CAOND124681 | 164.0 | 165.5 | 1.5 | 0.042 | | | | 2.70 |
| CAOND124682 | 165.5 | 167.0 | 1.5 | 0.067 | | | | 2.68 |
| CAOND124683 | 167.0 | 168.5 | 1.5 | 0.091 | | | | 2.69 |
| CAOND124684 | 168.5 | 170.0 | 1.5 | 0.059 | | | | 2.69 |
| CAOND124685 | 170.0 | 171.5 | 1.5 | 0.031 | | | | 2.72 |
| CAOND124686 | 171.5 | 173.0 | 1.5 | 0.050 | | | | 2.71 |
| CAOND124687 | 173.0 | 174.5 | 1.5 | 0.045 | | | | 2.70 |

**Hole number:** KLUC19-544

166.00, 169.00, QtzCbt, 10.00, -, -, -, -, GRY_00025, -, BRC, -, -, brecciated, locally stockworks dominant Carbonate, also redish iron carb/hematite
170.60, 170.90, QTZ_2, 40.00, 30.00, -, -, -, GRY2_BASIC, 12.00, IRR, -, -, irregular Qtz-Calcite-Hem/Kspar
173.50, 173.80, QtzCalChl, 90.00, 30.00, -, -, -, GRY2_BASIC, 30.00, BRC, -, -, brecciated, dominantly Qtz vein
177.60, 182.00, QtzCbt, 1.00, -, -, -, -, GRY2_BASIC, -, IRR, -, -, irregular, dominant Q veins with Hem/kspar and Chl patches

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124688 | 174.5 | 176.0 | 1.5 | 0.154 | | | | 2.70 |
| CAOND124689 | 176.0 | 177.5 | 1.5 | 0.037 | | | | 2.68 |
| CAOND124691 | 177.5 | 179.0 | 1.5 | 0.020 | | | | 2.66 |
| CAOND124692 | 179.0 | 180.5 | 1.5 | 0.024 | | | | 2.66 |
| CAOND124693 | 180.5 | 182.0 | 1.5 | 0.032 | | | | 2.65 |
| CAOND124694 | 182.0 | 183.5 | 1.5 | 0.027 | | | | 2.66 |
| CAOND124695 | 183.5 | 184.1 | 0.6 | 0.050 | | | | 2.67 |

**Major:** **From:** 184.10 **To:** 208.00 S1, CONGLOMÉRAT

Composition: Dominantly dark green with medium red-grey; mix of different xenolites and locally of different sizes and shapes, generally rounded; dominantly fine grained and massive; S1 - Conglomerate Magnetism: locally weakly magnetic. Veinning: 1-2% mm-cm Q-Ca-Chl Structure: brecciated aspect by passages Alteration: Moderate irregular-patchy Chl alteration; Kspar . Mineralization: 2-3 fine grained disseminated Py. Lower Contact: Clear/sharp @ 40°

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
184.10, 196.00, PYR, DIS, 2.00, -, -, very fine to fine disseminated and local accumulations
196.00, 208.00, PYR, DIS, 3.00, -, -, very fine to fine disseminated, also some clusters and fracture fillings

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
184.10, 188.50, KFS+, PEN, WEAK, -, -, -, to moderate by passages; Chl associated
188.50, 208.00, CHL+, PEN, MOD, -, -, -, in conglomerates; kspar associated by passages

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
184.10, 184.10, LWC, MOD, 40.00, -, -, -, sharp

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124696 | 184.1 | 185.5 | 1.4 | 0.039 | | | | 2.66 |
| CAOND124697 | 185.5 | 187.0 | 1.5 | 0.020 | | | | 2.68 |
| CAOND124698 | 187.0 | 188.5 | 1.5 | 0.031 | | | | 2.73 |
| CAOND124699 | 188.5 | 190.0 | 1.5 | 0.049 | | | | 2.71 |
| CAOND124701 | 190.0 | 190.5 | 0.5 | 0.026 | | | | 2.72 |
| CAOND124702 | 190.5 | 192.0 | 1.5 | 0.027 | | | | 2.71 |
| CAOND124703 | 192.0 | 193.5 | 1.5 | 0.018 | | | | 2.68 |
| CAOND124704 | 193.5 | 195.0 | 1.5 | 0.024 | | | | 2.72 |
| CAOND124705 | 195.0 | 196.5 | 1.5 | 0.018 | | | | 2.72 |
| CAOND124706 | 196.5 | 198.0 | 1.5 | 0.026 | | | | 2.72 |
| CAOND124707 | 198.0 | 199.5 | 1.5 | 0.024 | | | | 2.72 |
| CAOND124708 | 199.5 | 201.0 | 1.5 | 0.020 | | | | 2.73 |
| CAOND124709 | 201.0 | 202.5 | 1.5 | 0.069 | | | | 2.75 |
| CAOND124710 | 202.5 | 204.0 | 1.5 | 0.044 | | | | 2.74 |
| CAOND124711 | 204.0 | 205.5 | 1.5 | 0.068 | | | | 2.71 |
| CAOND124712 | 205.5 | 207.0 | 1.5 | 0.021 | | | | 2.67 |
| CAOND124713 | 207.0 | 208.0 | 1.0 | 0.049 | | | | 2.68 |

**Major:** **From:** 208.00 **To:** 211.80 V8Gs, Trachyte green spotted

Composition: Dark greenish - grey; very fine grained, massive; Trachyte spotted- Intrusive Magnetism: moderate magnetic Veinning: 2% mm - cm scale Qtz-calcite Structure: massive Alteration:Chl moderate Mineralization: 2-3% fine disseminated with local clusters Py. Lower Contact: Gradual, irregular

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
208.00, 211.80, PYR, DIS, 3.00, -, -, very fine to fine disseminated, also some clusters and fracture fillings

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124714 | 208.0 | 209.5 | 1.5 | 0.067 | | | | 3.02 |
| CAOND124716 | 209.5 | 211.0 | 1.5 | 0.661 | | | | 2.90 |
| CAOND124717 | 211.0 | 211.8 | 0.8 | 0.057 | | | | 2.93 |

**Hole number:** KLUC19-544

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
208.00, 210.00, CHL+, PEN, MOD, -, -, -, in conglomerates; kspar associated by passages
210.00, 211.80, CHL+, PEN, MOD, -, -, -, -

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
208.20, 208.30, LWC, WEAK, 40.00, -, -, -, gradual, irregular

**Major:** **From:** 211.80 **To:** 244.00 I2Dmp, Syenite mafic porphyryitic

Composition: Medium dark greenish - grey; fine grained, massive; I2Dmp-Syenite porpfyry Intrusive Magnetism: weak to moderate magnetic Veinning: less than 1-2% mm scale Qtz-calcite with local 5 cm vein Structure: massive Alteration: Weak to moderate Chl Mineralization: 1-2% fine disseminated with local clusters of Py. Lower Contact: Gradual, regular

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
211.80, 214.10, PYR, DIS, 3.00, -, -, very fine to fine disseminated, also some clusters and fracture fillings
220.60, 226.00, PYR, DIS, 2.00, -, -, -

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
211.80, 244.00, CHL+, PEN, MOD, -, -, -, -

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
243.90, 244.00, LWC, WEAK, 50.00, -, -, -, gradual but clear

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
222.00, 230.00, QtzCalChl, 2.00, -, -, -, -, GRY2_BASIC, -, IRR, -, -, few Qtz-Calcite dominant irregular veins and veinlets

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124718 | 211.8 | 213.0 | 1.2 | 0.054 | | | | 2.93 |
| CAOND124719 | 213.0 | 214.5 | 1.5 | 0.039 | | | | 2.87 |
| CAOND124721 | 214.5 | 216.0 | 1.5 | 0.022 | | | | 2.82 |
| CAOND124722 | 216.0 | 217.5 | 1.5 | 0.073 | | | | 2.83 |
| CAOND124723 | 217.5 | 219.0 | 1.5 | 0.013 | | | | 2.82 |
| CAOND124724 | 219.0 | 220.5 | 1.5 | 0.020 | | | | 2.80 |
| CAOND124726 | 220.5 | 222.0 | 1.5 | 0.153 | | | | 2.83 |
| CAOND124727 | 222.0 | 223.5 | 1.5 | 0.187 | | | | 2.79 |
| CAOND124728 | 223.5 | 225.0 | 1.5 | 0.040 | | | | 2.80 |
| CAOND124729 | 225.0 | 226.5 | 1.5 | 0.017 | | | | 2.81 |
| CAOND124731 | 226.5 | 228.0 | 1.5 | 0.011 | | | | 2.79 |
| CAOND124732 | 228.0 | 229.5 | 1.5 | 0.006 | | | | 2.81 |
| CAOND124733 | 229.5 | 231.0 | 1.5 | 0.008 | | | | 2.80 |
| CAOND124734 | 231.0 | 232.5 | 1.5 | 0.078 | | | | 2.80 |
| CAOND124735 | 232.5 | 234.0 | 1.5 | 0.029 | | | | 2.79 |
| CAOND124736 | 234.0 | 235.5 | 1.5 | 0.029 | | | | 2.79 |
| CAOND124737 | 235.5 | 237.0 | 1.5 | 0.026 | | | | 2.77 |
| CAOND124738 | 237.0 | 238.5 | 1.5 | 0.025 | | | | 2.75 |
| CAOND124739 | 238.5 | 240.0 | 1.5 | 0.042 | | | | 2.75 |
| CAOND124740 | 240.0 | 241.5 | 1.5 | 0.085 | | | | 2.77 |
| CAOND124741 | 241.5 | 243.0 | 1.5 | 0.045 | | | | 2.80 |
| CAOND124742 | 243.0 | 244.0 | 1.0 | 0.009 | | | | 2.85 |

**Major:** **From:** 244.00 **To:** 360.00 V8Gs, Trachyte green spotted

Composition: Dark green- grey; very fine to fine grained, massive with local short fractures, spotted by Epidote and moderate to strong calcic rock ; Trachyte green spotted- Intrusive Magnetism: moderate to strong magnetic Veinning: less than 1% mm scale Qtz-Chl - Ca ±kspar veinning locally Py semi-massive

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124743 | 244.0 | 245.5 | 1.5 | 0.029 | | | | 2.88 |
| CAOND124744 | 245.5 | 247.0 | 1.5 | 0.151 | | | | 2.90 |

## Hole number: KLUC19-544

Structure: massive, local short fractured passages Alteration: Moderate Chl, moderate to strong Calcite; locally weak Kspar Mineralization: 2 to 5% generally disseminated, locally semi-massive as veins and veinlets, also stringers and small clusters of Py. Lower Contact:

**MINOR INTERVAL**

329.00 - 330.60: I2DpComposition: Medium dark brownish-grey, fine to medium grained I2Dp - Porphyritic Syenite intrusion Magnetism: non magnetic. Veinning: Structure: massive Alteration: kspar Mineralization: Lower Contact: Sharp,irregular

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

275.60, 287.00, PYR, DIS, 2.00, -, -, with local accumulations up to 10% and locally stringers - associated to veins and veinlets of Qtz-Calcite

295.30, 308.50, PYR, DIS, 5.00, -, -, irregular distribution with passages of accumulations up to semi-massive(304.8-305m); generally disseminated but also as stringers and veins

316.00, 317.00, PYR, FRF, 3.00, -, -, stringers and local Q vein with semi-massive accumulation of Py(316.8m-316.9m)

341.00, 353.00, PYR, DIS, .50, -, -, discontinuous, local accumulations, clusters

353.00, 360.00, PYR, DIS, 5.00, -, -, also as stringers/veinlets(associated to Qtz-Ca veining)

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

244.00, 360.00, CHL+, PEN, MOD, -, -, -, -

276.00, 360.00, CAL+, PEN, MOD, -, -, -, to strong

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

292.00, 292.70, FRA, MOD, 30.00, -, -, -, -

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

253.50, 253.60, QtzCalChl, 30.00, 70.00, -, -, -, GRY2_BASIC, 3.00, BAN, PYR, 2.00, calcite dominant

299.30, 299.40, QtzCalChl, 30.00, 60.00, -, -, -, GRY2_BASIC, 3.00, BAN, PYR, 10.00, banded, brecciated aspect Qtz-Ca-Chl with Kspar in the eponts and semi-massive Py

304.80, 305.00, QtzCalChl, 40.00, 50.00, -, -, -, GRY2_BASIC, 6.00, BAN, PYR, 50.00, looking rather like Py veins

316.70, 316.80, QtzChl, 30.00, 70.00, -, -, -, GRY2_BASIC, 6.00, BAN, PYR, 20.00, Grey-green-redish Qtz-Chl- Kspar, 6cm vein with Py

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124746 | 247.0 | 248.5 | 1.5 | 0.048 | | | | 2.90 |
| CAOND124747 | 248.5 | 250.0 | 1.5 | 0.030 | | | | 2.92 |
| CAOND124748 | 250.0 | 251.5 | 1.5 | 0.156 | | | | 2.90 |
| CAOND124749 | 251.5 | 253.0 | 1.5 | 0.054 | | | | 2.89 |
| CAOND124751 | 253.0 | 254.5 | 1.5 | 0.124 | | | | 2.91 |
| CAOND124752 | 254.5 | 256.0 | 1.5 | 0.120 | | | | 2.87 |
| CAOND124753 | 256.0 | 257.5 | 1.5 | 0.069 | | | | 2.91 |
| CAOND124754 | 257.5 | 259.0 | 1.5 | 0.065 | | | | 2.88 |
| CAOND124755 | 259.0 | 260.5 | 1.5 | 0.015 | | | | 2.82 |
| CAOND124756 | 260.5 | 262.0 | 1.5 | 0.003 | | | | 2.85 |
| CAOND124757 | 262.0 | 263.5 | 1.5 | 0.009 | | | | 2.88 |
| CAOND124758 | 263.5 | 265.0 | 1.5 | 0.010 | | | | 2.88 |
| CAOND124759 | 265.0 | 266.5 | 1.5 | 0.013 | | | | 2.88 |
| CAOND124761 | 266.5 | 268.0 | 1.5 | 0.006 | | | | 2.86 |
| CAOND124762 | 268.0 | 269.5 | 1.5 | 0.014 | | | | 2.85 |
| CAOND124763 | 269.5 | 271.0 | 1.5 | 0.015 | | | | 2.83 |
| CAOND124764 | 271.0 | 272.5 | 1.5 | 0.003 | | | | 2.84 |
| CAOND124765 | 272.5 | 274.0 | 1.5 | 0.003 | | | | 2.85 |
| CAOND124766 | 274.0 | 275.5 | 1.5 | 0.005 | | | | 2.87 |
| CAOND124767 | 275.5 | 277.0 | 1.5 | 0.009 | | | | 2.81 |
| CAOND124768 | 277.0 | 278.5 | 1.5 | 0.037 | | | | 2.82 |
| CAOND124769 | 278.5 | 280.0 | 1.5 | 0.011 | | | | 2.81 |
| CAOND124771 | 280.0 | 281.5 | 1.5 | 0.026 | | | | 2.86 |
| CAOND124772 | 281.5 | 283.0 | 1.5 | 0.005 | | | | 2.85 |
| CAOND124773 | 283.0 | 284.5 | 1.5 | 0.116 | | | | 2.88 |
| CAOND124774 | 284.5 | 286.0 | 1.5 | 0.161 | | | | 2.89 |
| CAOND124776 | 286.0 | 287.5 | 1.5 | 0.055 | | | | 2.87 |
| CAOND124777 | 287.5 | 289.0 | 1.5 | 0.007 | | | | 2.86 |
| CAOND124778 | 289.0 | 290.5 | 1.5 | 0.015 | | | | 2.83 |
| CAOND124779 | 290.5 | 292.0 | 1.5 | 0.018 | | | | 2.84 |
| CAOND124781 | 292.0 | 293.5 | 1.5 | 0.013 | | | | 2.85 |
| CAOND124782 | 293.5 | 295.0 | 1.5 | 0.003 | | | | 2.83 |
| CAOND124783 | 295.0 | 296.5 | 1.5 | 0.051 | | | | 2.86 |

**Hole number:** KLUC19-544

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124784 | 296.5 | 298.0 | 1.5 | 0.020 | | | | 2.83 |
| CAOND124785 | 298.0 | 299.5 | 1.5 | 0.281 | | | | 2.89 |
| CAOND124786 | 299.5 | 301.0 | 1.5 | 0.130 | | | | 2.87 |
| CAOND124787 | 301.0 | 302.5 | 1.5 | 0.060 | | | | 2.88 |
| CAOND124788 | 302.5 | 304.0 | 1.5 | 0.095 | | | | 2.83 |
| CAOND124789 | 304.0 | 305.5 | 1.5 | 0.371 | | | | 2.96 |
| CAOND124791 | 305.5 | 307.0 | 1.5 | 0.029 | | | | 2.88 |
| CAOND124792 | 307.0 | 308.5 | 1.5 | 0.040 | | | | 2.93 |
| CAOND124793 | 308.5 | 310.0 | 1.5 | 0.020 | | | | 2.92 |
| CAOND124794 | 310.0 | 311.5 | 1.5 | 0.007 | | | | 2.70 |
| CAOND124795 | 311.5 | 313.0 | 1.5 | 0.013 | | | | 2.87 |
| CAOND124796 | 313.0 | 314.5 | 1.5 | 0.005 | | | | 2.87 |
| CAOND124797 | 314.5 | 316.0 | 1.5 | 0.007 | | | | 2.85 |
| CAOND124798 | 316.0 | 317.5 | 1.5 | 0.846 | | | | 2.92 |
| CAOND124799 | 317.5 | 319.0 | 1.5 | 0.007 | | | | 2.87 |
| CAOND124801 | 319.0 | 320.5 | 1.5 | 0.003 | | | | 2.84 |
| CAOND124802 | 320.5 | 322.0 | 1.5 | 0.003 | | | | 2.88 |
| CAOND124803 | 322.0 | 323.5 | 1.5 | 0.005 | | | | 2.89 |
| CAOND124804 | 323.5 | 325.0 | 1.5 | 0.003 | | | | 2.91 |
| CAOND124805 | 325.0 | 326.5 | 1.5 | 0.006 | | | | 2.90 |
| CAOND124806 | 326.5 | 328.0 | 1.5 | 0.009 | | | | 2.91 |
| CAOND124807 | 328.0 | 329.1 | 1.1 | 0.007 | | | | 2.91 |
| CAOND124808 | 329.1 | 330.6 | 1.5 | 0.025 | | | | 2.74 |
| CAOND124809 | 330.6 | 332.0 | 1.4 | 0.006 | | | | 2.93 |
| CAOND124810 | 332.0 | 333.5 | 1.5 | 0.014 | | | | 2.90 |
| CAOND124811 | 333.5 | 335.0 | 1.5 | 0.003 | | | | 2.87 |
| CAOND124812 | 335.0 | 336.5 | 1.5 | 0.003 | | | | 2.86 |
| CAOND124813 | 336.5 | 338.0 | 1.5 | 0.006 | | | | 2.87 |
| CAOND124815 | 338.0 | 339.5 | 1.5 | 0.003 | | | | 2.86 |
| | | | Standard mix-up corrected - M Fell 20190719 | | | | | |
| CAOND124816 | 339.5 | 341.0 | 1.5 | 0.003 | | | | 2.83 |
| CAOND124817 | 341.0 | 342.5 | 1.5 | 0.005 | | | | 2.83 |
| CAOND124818 | 342.5 | 344.0 | 1.5 | 0.006 | | | | 2.84 |

**Hole number:** KLUC19-544

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124819 | 344.0 | 345.5 | 1.5 | 0.007 | | | | 2.82 |
| CAOND124821 | 345.5 | 347.0 | 1.5 | 0.003 | | | | 2.82 |
| CAOND124822 | 347.0 | 348.5 | 1.5 | 0.003 | | | | 2.82 |
| CAOND124823 | 348.5 | 350.0 | 1.5 | 0.012 | | | | 2.82 |
| CAOND124824 | 350.0 | 351.5 | 1.5 | 0.003 | | | | 2.82 |
| CAOND124826 | 351.5 | 353.0 | 1.5 | 0.005 | | | | 2.82 |
| CAOND124827 | 353.0 | 354.5 | 1.5 | 0.014 | | | | 2.85 |
| CAOND124828 | 354.5 | 356.0 | 1.5 | 0.074 | | | | 2.87 |
| CAOND124829 | 356.0 | 357.5 | 1.5 | 0.059 | | | | 2.88 |
| CAOND124831 | 357.5 | 359.0 | 1.5 | 0.024 | | | | 2.88 |
| CAOND124832 | 359.0 | 360.0 | 1.0 | 0.081 | | | | 2.86 |

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 2.0 | 3.0 | 20.00 | 100.00 | | | N | |
| 3.0 | 6.0 | 70.00 | 100.00 | | | N | |
| 6.0 | 9.0 | 78.00 | 100.00 | | | N | |
| 9.0 | 12.0 | 60.00 | 100.00 | | | N | |
| 12.0 | 15.0 | 77.00 | 100.00 | | | N | |
| 15.0 | 18.0 | 85.00 | 100.00 | | | N | |
| 18.0 | 21.0 | 92.00 | 100.00 | | | N | |
| 21.0 | 24.0 | 93.00 | 100.00 | | | N | |
| 24.0 | 27.0 | 93.00 | 100.00 | | | N | |
| 27.0 | 30.0 | 90.00 | 100.00 | | | N | |
| 30.0 | 33.0 | 85.00 | 100.00 | | | N | |
| 33.0 | 36.0 | 78.00 | 100.00 | | | N | |
| 36.0 | 39.0 | 97.00 | 100.00 | | | N | |
| 39.0 | 42.0 | 60.00 | 100.00 | | | N | |
| 42.0 | 45.0 | 67.00 | 100.00 | | | N | |
| 45.0 | 48.0 | 78.00 | 100.00 | | | N | |
| 48.0 | 51.0 | 77.00 | 100.00 | | | N | |

**Hole number:** KLUC19-544

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 51.0 | 54.0 | 93.00 | 100.00 | | | N | |
| 54.0 | 57.0 | 93.00 | 100.00 | | | N | |
| 57.0 | 60.0 | 97.00 | 100.00 | | | N | |
| 60.0 | 63.0 | 96.00 | 100.00 | | | N | |
| 63.0 | 66.0 | 97.00 | 100.00 | | | N | |
| 66.0 | 69.0 | 90.00 | 100.00 | | | N | |
| 69.0 | 72.0 | 73.00 | 100.00 | | | N | |
| 72.0 | 75.0 | 88.00 | 100.00 | | | N | |
| 75.0 | 78.0 | 94.00 | 100.00 | | | N | |
| 78.0 | 81.0 | 83.00 | 100.00 | | | N | |
| 81.0 | 84.0 | 97.00 | 100.00 | | | N | |
| 84.0 | 87.0 | 92.00 | 100.00 | | | N | |
| 87.0 | 90.0 | 70.00 | 100.00 | | | N | |
| 90.0 | 93.0 | 83.00 | 100.00 | | | N | |
| 93.0 | 96.0 | 96.00 | 100.00 | | | N | |
| 96.0 | 99.0 | 63.00 | 100.00 | | | N | |
| 99.0 | 102.0 | 73.00 | 100.00 | | | N | |
| 102.0 | 105.0 | 98.00 | 100.00 | | | N | |
| 105.0 | 108.0 | 93.00 | 100.00 | | | N | |
| 108.0 | 111.0 | 98.00 | 100.00 | | | N | |
| 111.0 | 114.0 | 87.00 | 100.00 | | | N | |
| 114.0 | 117.0 | 90.00 | 100.00 | | | N | |
| 117.0 | 120.0 | 95.00 | 100.00 | | | N | |
| 120.0 | 123.0 | 90.00 | 100.00 | | | N | |
| 123.0 | 126.0 | 85.00 | 100.00 | | | N | |
| 126.0 | 129.0 | 92.00 | 100.00 | | | N | |
| 129.0 | 132.0 | 95.00 | 100.00 | | | N | |
| 132.0 | 135.0 | 97.00 | 100.00 | | | N | |

**Hole number:** KLUC19-544

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 135.0 | 138.0 | 83.00 | 100.00 | | | N | |
| 138.0 | 141.0 | 80.00 | 100.00 | | | N | |
| 141.0 | 144.0 | 70.00 | 100.00 | | | N | |
| 144.0 | 147.0 | 82.00 | 100.00 | | | N | |
| 147.0 | 150.0 | 95.00 | 100.00 | | | N | |
| 150.0 | 153.0 | 90.00 | 100.00 | | | N | |
| 153.0 | 156.0 | 82.00 | 100.00 | | | N | |
| 156.0 | 159.0 | 60.00 | 100.00 | | | N | |
| 159.0 | 162.0 | 95.00 | 100.00 | | | N | |
| 162.0 | 165.0 | 93.00 | 100.00 | | | N | |
| 165.0 | 168.0 | 95.00 | 100.00 | | | N | |
| 168.0 | 171.0 | 90.00 | 100.00 | | | N | |
| 171.0 | 174.0 | 90.00 | 100.00 | | | N | |
| 174.0 | 177.0 | 95.00 | 100.00 | | | N | |
| 177.0 | 180.0 | 95.00 | 100.00 | | | N | |
| 180.0 | 183.0 | 95.00 | 100.00 | | | N | |
| 183.0 | 186.0 | 85.00 | 100.00 | | | N | |
| 186.0 | 189.0 | 100.00 | 100.00 | | | N | |
| 189.0 | 192.0 | 97.00 | 100.00 | | | N | |
| 192.0 | 195.0 | 93.00 | 100.00 | | | N | |
| 195.0 | 198.0 | 95.00 | 100.00 | | | N | |
| 198.0 | 201.0 | 97.00 | 100.00 | | | N | |
| 201.0 | 204.0 | 96.00 | 100.00 | | | N | |
| 204.0 | 207.0 | 100.00 | 100.00 | | | N | |
| 207.0 | 210.0 | 97.00 | 100.00 | | | N | |
| 210.0 | 213.0 | 90.00 | 100.00 | | | N | |
| 213.0 | 216.0 | 90.00 | 100.00 | | | N | |
| 216.0 | 219.0 | 95.00 | 100.00 | | | N | |

**Hole number:** KLUC19-544

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 219.0 | 222.0 | 90.00 | 100.00 | | | N | |
| 222.0 | 225.0 | 100.00 | 100.00 | | | N | |
| 225.0 | 228.0 | 97.00 | 100.00 | | | N | |
| 228.0 | 231.0 | 93.00 | 100.00 | | | N | |
| 231.0 | 234.0 | 98.00 | 100.00 | | | N | |
| 234.0 | 237.0 | 100.00 | 100.00 | | | N | |
| 237.0 | 240.0 | 97.00 | 100.00 | | | N | |
| 240.0 | 243.0 | 93.00 | 100.00 | | | N | |
| 243.0 | 246.0 | 93.00 | 100.00 | | | N | |
| 246.0 | 249.0 | 93.00 | 100.00 | | | N | |
| 249.0 | 252.0 | 100.00 | 100.00 | | | N | |
| 252.0 | 255.0 | 100.00 | 100.00 | | | N | |
| 255.0 | 258.0 | 93.00 | 100.00 | | | N | |
| 258.0 | 261.0 | 98.00 | 100.00 | | | N | |
| 261.0 | 264.0 | 97.00 | 100.00 | | | N | |
| 264.0 | 267.0 | 97.00 | 100.00 | | | N | |
| 267.0 | 270.0 | 95.00 | 100.00 | | | N | |
| 270.0 | 273.0 | 93.00 | 100.00 | | | N | |
| 273.0 | 276.0 | 95.00 | 100.00 | | | N | |
| 276.0 | 279.0 | 83.00 | 100.00 | | | N | |
| 279.0 | 282.0 | 96.00 | 100.00 | | | N | |
| 282.0 | 285.0 | 95.00 | 100.00 | | | N | |
| 285.0 | 288.0 | 98.00 | 100.00 | | | N | |
| 288.0 | 291.0 | 93.00 | 100.00 | | | N | |
| 291.0 | 294.0 | 80.00 | 100.00 | | | N | |
| 294.0 | 297.0 | 100.00 | 100.00 | | | N | |
| 297.0 | 300.0 | 93.00 | 100.00 | | | N | |
| 300.0 | 303.0 | 97.00 | 100.00 | | | N | |

**Hole number:** KLUC19-544

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 303.0 | 306.0 | 82.00 | 100.00 | | | N | |
| 306.0 | 309.0 | 92.00 | 100.00 | | | N | |
| 309.0 | 312.0 | 93.00 | 100.00 | | | N | |
| 312.0 | 315.0 | 96.00 | 100.00 | | | N | |
| 315.0 | 318.0 | 89.00 | 100.00 | | | N | |
| 318.0 | 321.0 | 94.00 | 100.00 | | | N | |
| 321.0 | 324.0 | 95.00 | 100.00 | | | N | |
| 324.0 | 327.0 | 92.00 | 100.00 | | | N | |
| 327.0 | 330.0 | 83.00 | 100.00 | | | N | |
| 330.0 | 333.0 | 98.00 | 100.00 | | | N | |
| 333.0 | 336.0 | 93.00 | 100.00 | | | N | |
| 336.0 | 339.0 | 93.00 | 100.00 | | | N | |
| 339.0 | 342.0 | 100.00 | 100.00 | | | N | |
| 342.0 | 345.0 | 100.00 | 100.00 | | | N | |
| 345.0 | 348.0 | 95.00 | 100.00 | | | N | |
| 348.0 | 351.0 | 93.00 | 100.00 | | | N | |
| 351.0 | 354.0 | 98.00 | 100.00 | | | N | |
| 354.0 | 357.0 | 100.00 | 100.00 | | | N | |
| 357.0 | 360.0 | 98.00 | 100.00 | | | N | |

AGNICO EAGLE

# DRILL HOLE REPORT

## EXPLORATION CANADA ONTARIO

**Hole number:** KLUC19-545 **Project Number:** U_Canada **Project name:** Upper Canada

| | |
|---|---|
| **Historic hole number:** | |
| **System:** | METRIC |
| **Target:** | UC_NORTHLAND |
| **No. Claim:** | PAT-18819 |
| **Year:** | 2 019 |
| **Date started:** | 2019-05-31 |
| **Date logged:** | 2019-06-16 |
| **Date completed:** | 2019-06-01 |
| **Core size:** | NQ |
| **Hole type:** | EXP |
| **Casing:** | Left in Hole |
| **Logging status:** | Signed |
| **Rig number:** | 2501 |

| | |
|---|---|
| **Collar survey:** | Y |
| **Verified:** | N |
| **Gas:** | N |
| **Multishot survey:** | N |
| **Is making water:** | N |
| **Object in hole:** | N |
| **Pulse EM survey:** | N |
| **Plugged:** | Y |
| **Cemented:** | Y |
| **Branch:** | N |
| **Reserve:** | N |

| | |
|---|---|
| **From:** | 0.0 |
| **To:** | 182.0 |
| **Depth:** | 182.0 |
| **Location:** | Surface |
| **Core storage:** | Exploration Camp |
| **Contractor:** | Asinii Drilling |
| **Logged by:** | Ana Moldoveanu |
| **Signature:** | Mélanie Bouchard |

| | |
|---|---|
| **Coordinates:** | P |
| **Grid:** | UTM83-17_CSRS-2010: |
| **North:** | 5,332,690.29 |
| **East:** | 585,249.18 |
| **Elevation:** | 353.61 |
| **Collar dip:** | -45.75 |
| **Collar azimuth:** | 346.41 |

**Additional sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Proposed hole: UCP19-041. New and improved Asinii II drill Rig: 2501. Targeting: Northland - West of diabase

**Assay average**

| Average type | From | To | Length | Width | Zone | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Pb_ppm | Ni_ppm | As_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WEIGHTED | 168.5 | 171.5 | 3.0 | | | 1.015 | | | | | | |
| WEIGHTED | 177.5 | 179.0 | 1.5 | | | 5.070 | | | | | | |

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 346.41 | -45.75 | S | O | Surveyed direction (az corrected true North) |
| 45.0 | 348.50 | -44.40 | EZ | O | 55370 |
| 105.0 | 346.60 | -44.10 | EZ | O | 56048 |
| 15.0 | 348.60 | -44.60 | EZ | O | 55811 |
| 75.0 | 349.30 | -44.30 | EZ | O | 55419 |
| 165.0 | 344.20 | -44.00 | EZ | O | 53545 |

| Certificate |
|---|
| TM19149891 |
| TM19154947 |
| TM19156303 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505D19-035 | Excaon1D | CAOND124389 - CAOND124638<br>CAOND124833 - CAOND124841 |
| CXE5505D19-036 | Excaon1D | CAOND124639 - CAOND124832<br>CAOND124842 - CAOND124961 |

| Sample number | Standard |
|---|---|
| CAOND124845 | CDN-CM-28-AEM |
| CAOND124860 | CDN-CM-27-AEM |
| CAOND124870 | BLANK-DB |

## Hole number: KLUC19-545

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505D19-037 | Excaon1D | CAOND107001 - CAOND107141<br>CAOND124962 - CAOND125000 |

*The sample list may content samples from other holes

| Sample number | Standard |
|---|---|
| CAOND124875 | CDN-GS-5W |
| CAOND124890 | CDN-CM-28-AEM |
| CAOND124915 | CDN-CM-27-AEM |
| CAOND124920 | BLANK-DB |
| CAOND124930 | CDN-GS-5W |
| CAOND124945 | CDN-CM-28-AEM |
| CAOND124960 | CDN-CM-27-AEM |
| CAOND124970 | BLANK-DB |
| CAOND124975 | CDN-GS-5W |

**Major:** **From:** 0.00 **To:** 1.50 OVB, Overburden

**Major:** **From:** 1.50 **To:** 3.00 S1, CONGLOMÉRAT

Composition: Dominantly medium dark red with green grey, mix of different clasts generally rounded, fine grained S1 - Conglomerate Magnetism: non magnetic. Veinning: approx 1% irregular Q-carb veining Structure: weakly fractured Alteration: Moderate Kspar, weak to moderate Chl Mineralization: ~ 0.5 % very fine grained disseminated Py. Lower Contact: Gradual @ 45°

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

1.50, 3.00, CHL+, PAT, WEAK, -, -, -, to locally moderate

1.50, 3.00, KFS+, PAT, MOD, -, -, -, to locally moderate

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124833 | 1.5 | 3.0 | 1.5 | 0.026 | | | | 2.72 |

**Major:** **From:** 3.00 **To:** 10.00 S, Roches sédimentaires indéterminées

Composition: Dominantly dark red with greenish- grey filling fractures, dominantly fine grained, many thin fractures, locally fragmented, S - Sediment Magnetism: Non magnetic. Veinning: ~ 1% Qtz-Carb veining Structure: thin fractured giving a semi-brecciated aspect Alteration: Moderate Kspar, Chl filling fractures Mineralization: not significant Lower Contact: regular @ 50°

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

3.00, 10.00, KFS+, PEN, MOD, -, -, -, and Chl generally filling fractures

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124834 | 3.0 | 4.5 | 1.5 | 0.018 | | | | 2.68 |
| CAOND124835 | 4.5 | 6.0 | 1.5 | 0.016 | | | | 2.65 |
| CAOND124836 | 6.0 | 7.5 | 1.5 | 0.009 | | | | 2.66 |
| CAOND124837 | 7.5 | 9.0 | 1.5 | 0.010 | | | | 2.68 |
| CAOND124838 | 9.0 | 10.0 | 1.0 | 0.008 | | | | 2.68 |

**Major:** **From:** 10.00 **To:** 29.70 S1, CONGLOMÉRAT

Composition: Dominantly dark green and mid dark red, mix of rounded clasts locally of Qtz, dominantly fine grained and massive S1 - Conglomerate Magnetism: non magnetic. Veinning: approx 1% Qtz-Carb veining Structure: locally fractured Alteration: Moderate Chl-Kspar Mineralization: 1% fine grained disseminated Py. Lower Contact: gradual, irregular

**MINOR INTERVAL**

25.60 - 26.10: S

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124839 | 10.0 | 11.5 | 1.5 | 0.018 | | | | 2.75 |
| CAOND124840 | 11.5 | 13.0 | 1.5 | 0.026 | | | | 2.72 |
| CAOND124841 | 13.0 | 14.5 | 1.5 | 0.061 | | | | 2.74 |
| CAOND124842 | 14.5 | 16.0 | 1.5 | 0.052 | | | | 2.73 |

**Hole number:** KLUC19-545

**MINOR INTERVAL**
27.50 - 28.10: S

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
10.00, 29.70, CHL+, PAT, MOD, -, -, -, Kspar associated

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
12.90, 13.00, GGE, MOD, 50.00, -, -, -, fragmented with mud in eponts
15.00, 16.80, FRA, WEAK, 60.00, -, -, -, -
20.00, 23.00, FRA, WEAK, 30.00, -, -, -, to locally moderate to strong

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
25.50, 29.70, QtzCbtChl, 2.00, 50.00, -, -, -, GRY2_BASIC, -, -, -, -, Q-Carb veins and veinlets

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124843 | 16.0 | 17.5 | 1.5 | 0.037 | | | | 2.71 |
| CAOND124844 | 17.5 | 19.0 | 1.5 | 0.036 | | | | 2.71 |
| CAOND124846 | 19.0 | 20.5 | 1.5 | 0.045 | | | | 2.71 |
| CAOND124847 | 20.5 | 22.0 | 1.5 | 0.139 | | | | 2.74 |
| CAOND124848 | 22.0 | 23.5 | 1.5 | 0.041 | | | | 2.74 |
| CAOND124849 | 23.5 | 24.5 | 1.0 | 0.024 | | | | 2.72 |
| CAOND124851 | 24.5 | 25.6 | 1.1 | 0.046 | | | | 2.74 |
| CAOND124852 | 25.6 | 26.1 | 0.5 | 0.062 | | | | 2.72 |
| CAOND124853 | 26.1 | 27.5 | 1.4 | 0.018 | | | | 2.74 |
| CAOND124854 | 27.5 | 28.1 | 0.6 | 0.041 | | | | 2.68 |
| CAOND124855 | 28.1 | 29.0 | 0.9 | 0.046 | | | | 2.72 |
| CAOND124856 | 29.0 | 29.7 | 0.7 | 0.048 | | | | 2.72 |

**Major:** **From:** 29.70 **To:** 53.60 S, Roches sédimentaires indéterminées

Composition: Dominantly medium dark red with local greenish- grey patches or filaments, dominantly fine grained and massive Sediment - S Magnetism: Non magnetic. Veinning: 1-2% Qtz-Carb-Chl veining Structure: locally fractured Alteration: Moderate Kspar Mineralization: 1-2% very fine to fine grained disseminated Py Lower Contact: gradual, irregular, 50°

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
30.00, 37.00, PYR, -, 1.00, -, -, very fine to fine Py disseminated
37.00, 44.00, PYR, -, .50, -, -, Py very fine disseminated
44.00, 51.50, PYR, -, 2.00, -, -, Py generally is associated to Chl alteration

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
29.70, 49.40, KFS+, PEN, MOD, -, -, -, Chl weak
49.40, 52.00, CHL+, PAT, MOD, -, -, -, dominantly Chl, secondary Kspar
52.00, 53.60, KFS+, PEN, MOD, -, -, -, -

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
30.60, 34.30, FRA, WEAK, 30.00, -, -, -, -
41.70, 42.00, FRA, MOD, 70.00, -, -, -, might be mechanical
53.50, 53.60, LWC, MOD, 50.00, -, -, -, clear but irregular

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COM

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124857 | 29.7 | 31.0 | 1.3 | 0.046 | | | | 2.68 |
| CAOND124858 | 31.0 | 32.5 | 1.5 | 0.081 | | | | 2.67 |
| CAOND124859 | 32.5 | 34.0 | 1.5 | 0.028 | | | | 2.68 |
| CAOND124861 | 34.0 | 35.5 | 1.5 | 0.027 | | | | 2.66 |
| CAOND124862 | 35.5 | 37.0 | 1.5 | 0.034 | | | | 2.67 |
| CAOND124863 | 37.0 | 38.5 | 1.5 | 0.041 | | | | 2.68 |
| CAOND124864 | 38.5 | 40.0 | 1.5 | 0.022 | | | | 2.66 |
| CAOND124865 | 40.0 | 41.5 | 1.5 | 0.025 | | | | 2.66 |
| CAOND124866 | 41.5 | 43.0 | 1.5 | 0.022 | | | | 2.67 |
| CAOND124867 | 43.0 | 44.5 | 1.5 | 0.021 | | | | 2.68 |
| CAOND124868 | 44.5 | 46.0 | 1.5 | 0.027 | | | | 2.68 |
| CAOND124869 | 46.0 | 47.5 | 1.5 | 0.039 | | | | 2.69 |
| CAOND124871 | 47.5 | 49.0 | 1.5 | 0.033 | | | | 2.69 |
| CAOND124872 | 49.0 | 50.5 | 1.5 | 0.056 | | | | 2.68 |
| CAOND124873 | 50.5 | 52.0 | 1.5 | 0.024 | | | | 2.70 |
| CAOND124874 | 52.0 | 53.0 | 1.0 | 0.023 | | | | 2.69 |
| CAOND124876 | 53.0 | 53.6 | 0.6 | 0.043 | | | | 2.69 |

**Hole number:** KLUC19-545

NTS
29.70, 31.30, QtzCbtChl, 2.00, 50.00, -, -, -, GRY2_BASIC, -, -, -, -, Q-Carb veins and veinlets
43.00, 46.60, QtzCbtChl, 5.00, 50.00, -, -, -, GRY2_BASIC, -, -, -, -, -
51.90, 53.60, QtzCbt, 10.00, 55.00, -, -, -, GRY_00025, -, -, -, -, Carbonate dominant

**Major: From:** 53.60 **To:** 55.30 V8Gs, Trachyte green spotted

Composition: Medium dark rgreenish - grey; very fine grained Trachyte - V8Gs Magnetism: moderate magnetic Veinning: ~10-15% cm scale Qtz-carb Structure: Alteration: moderate Chl Mineralization: 0.5 %fine disseminated Py Lower Contact: irregular

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
53.60, 55.30, CHL+, PAT, MOD, -, -, -, -

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
55.20, 55.30, LWC, WEAK, 50.00, -, -, -, irregular

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/CON
NTS
53.60, 54.40, QtzCbt, 10.00, 55.00, -, -, -, GRY_00025, -, -, -, -, Carbonate dominant

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124877 | 53.6 | 54.5 | 0.9 | 0.054 | | | | 2.88 |
| CAOND124878 | 54.5 | 55.3 | 0.8 | 0.072 | | | | 2.93 |

**Major: From:** 55.30 **To:** 65.50 S, Roches sédimentaires indéterminées

Composition: Dominantly medium-dark red to medium dark greenish- grey; dominantly fine grained and massive S ?/ I2Dp?- Sediment/ Porpyritic syenite intrusive? Magnetism: Non magnetic. Veinning: less than 1% irregular veining Structure: massive Alteration: Moderate Kspar to moderate Chl Chl alteration. Mineralization: 1-2% fine grained disseminated Py, locally clusters. Lower Contact: gradual, irregulat(in-out)

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
60.70, 65.50, PYR, -, 3.00, -, -, generally disseminated, irregular; local clusters and fragmented stringers

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
55.30, 65.50, CHL+, PEN, MOD, -, -, -, to locally stronger, Kspar associated by passages

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/CON
NTS
55.30, 57.30, QtzCbt, 10.00, 40.00, -, -, -, GRY2_BASIC, -, -, -, -, Q dominant

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124879 | 55.3 | 56.5 | 1.2 | 0.035 | | | | 2.67 |
| CAOND124881 | 56.5 | 58.0 | 1.5 | 0.048 | | | | 2.67 |
| CAOND124882 | 58.0 | 59.5 | 1.5 | 0.030 | | | | 2.68 |
| CAOND124883 | 59.5 | 61.0 | 1.5 | 0.029 | | | | 2.69 |
| CAOND124884 | 61.0 | 62.5 | 1.5 | 0.038 | | | | 2.70 |
| CAOND124885 | 62.5 | 64.0 | 1.5 | 0.043 | | | | 2.71 |
| CAOND124886 | 64.0 | 64.8 | 0.8 | 0.026 | | | | 2.70 |
| CAOND124887 | 64.8 | 65.5 | 0.7 | 0.032 | | | | 2.69 |

## Hole number: KLUC19-545

**Major:** **From:** 65.50 **To:** 70.40 S7E, Mudstone

Composition: Dark green - grey; Generally very fine grained, discreetly bedded, short fractured passages, hard, S7E?/S - Mudstone?/S Magnetism: Non magnetic. Veinning: less than 1% mm scale Q-Chl veinning Structure: Locally weakly fractured Alteration: Moderate Chl alteration. Mineralization: 1-2% fine grained disseminated Py Lower Contact: Gradual, irregular

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

65.50, 65.90, PYR, -, 3.00, -, -, generally disseminated, irregular; local clusters and fragmented stringers

65.90, 70.40, PYR, -, 30.00, -, -, rich Py fragment of I2Dp

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

65.50, 70.40, CHL+, PEN, MOD, -, -, -, to locally stronger, Kspar associated by passages

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

70.30, 70.40, LWC, MOD, 40.00, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124888 | 65.5 | 67.0 | 1.5 | 0.061 | | | | 2.69 |
| CAOND124889 | 67.0 | 68.5 | 1.5 | 0.067 | | | | 2.69 |
| CAOND124891 | 68.5 | 69.5 | 1.0 | 0.052 | | | | 2.70 |
| CAOND124892 | 69.5 | 70.4 | 0.9 | 0.202 | | | | 2.73 |

**Major:** **From:** 70.40 **To:** 70.90 I2Dp, Porphyritic Syenite

Composition: Medium dark brown-redish-grey, fine to locally medium grained I2Dm - Syenite pohpyry intrusion Magnetism: non magnetic. Veinning: ~ 5% mm -cm scale irregular and discontinuous qtz-carb-chl veining. Structure: massive Alteration: Moderate Kspar, weak Chl alteration. Mineralization: ~ 30% fine and fine grained dissemianted Py. Lower Contact: sharp

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

70.40, 70.90, PYR, -, 30.00, -, -, rich Py fragment of I2Dp

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

70.40, 70.90, CHL+, PEN, MOD, -, -, -, to locally stronger, Kspar associated by passages

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

70.60, 70.80, QtzCbtChl, 20.00, 30.00, -, -, -, GRY2_BASIC, -, -, -, -, crosscut, irregular and Py around

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124893 | 70.4 | 70.9 | 0.5 | 0.167 | | | | 2.81 |

**Major:** **From:** 70.90 **To:** 116.10 I2Dm, Mafic Syenite

Composition: Medium dark greenish-grey, fine to locally medium grained I2D(locally porphyritic) / Sediment- Syenite intrusion / S Magnetism: weak to moderate magnetic. Veinning: Less than 1% mm -cm scale irregular and discontinuous qtz-carb-chl veins. Structure: by passages a certain fabric ~ @ 60° Alteration: Moderate Calcite, Chl Mineralization: 1-2% very fine and fine grained disseminated Py.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124894 | 70.9 | 72.0 | 1.1 | 0.150 | | | | 2.77 |
| CAOND124895 | 72.0 | 73.5 | 1.5 | 0.324 | | | | 2.74 |
| CAOND124896 | 73.5 | 75.0 | 1.5 | 0.472 | | | | 2.75 |

**Hole number:** KLUC19-545

Lower Contact: Gradual, regular

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

70.90, 71.00, PYR, -, 30.00, -, -, rich Py fragment of I2Dp
71.00, 114.20, PYR, -, 1.00, -, -, local accumulations up to 2-3% and fragmented stringers
114.20, 116.10, PYR, -, 2.00, -, -, disseminated but also a few stringers and locally in vein

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

70.90, 116.10, CHL+, PEN, MOD, -, -, -, to locally stronger, Kspar associated by passages
71.00, 116.10, CAL+, PEN, MOD, -, -, -, generally a moderate reaction to HCl

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

116.00, 116.10, LWC, WEAK, 40.00, -, -, -, -

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

80.00, 81.30, CalChl, 10.00, -, -, -, -, GRY2_BASIC, -, -, -, -, brecciated, irregular
114.30, 114.70, PYR, 5.00, -, -, -, -, YLW2_BASIC, -, -, -, -, possible fractures filled by Q-ca and dominant Py

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124897 | 75.0 | 76.5 | 1.5 | 0.098 | | | | 2.77 |
| CAOND124898 | 76.5 | 78.0 | 1.5 | 0.100 | | | | 2.74 |
| CAOND124899 | 78.0 | 79.5 | 1.5 | 0.248 | | | | 2.76 |
| CAOND124901 | 79.5 | 81.0 | 1.5 | 0.029 | | | | 2.76 |
| CAOND124902 | 81.0 | 82.5 | 1.5 | 0.016 | | | | 2.76 |
| CAOND124903 | 82.5 | 84.0 | 1.5 | 0.023 | | | | 2.76 |
| CAOND124904 | 84.0 | 85.5 | 1.5 | 0.040 | | | | 2.76 |
| CAOND124905 | 85.5 | 87.0 | 1.5 | 0.051 | | | | 2.75 |
| CAOND124906 | 87.0 | 88.5 | 1.5 | 0.114 | | | | 2.77 |
| CAOND124907 | 88.5 | 90.0 | 1.5 | 0.191 | | | | 2.76 |
| CAOND124908 | 90.0 | 91.5 | 1.5 | 0.420 | | | | 2.76 |
| CAOND124909 | 91.5 | 93.0 | 1.5 | 0.031 | | | | 2.72 |
| CAOND124910 | 93.0 | 94.5 | 1.5 | 0.009 | | | | 2.70 |
| CAOND124911 | 94.5 | 96.0 | 1.5 | 0.012 | | | | 2.70 |
| CAOND124912 | 96.0 | 97.5 | 1.5 | 0.014 | | | | 2.72 |
| CAOND124913 | 97.5 | 99.0 | 1.5 | 0.017 | | | | 2.73 |
| CAOND124914 | 99.0 | 100.5 | 1.5 | 0.014 | | | | 2.73 |
| CAOND124916 | 100.5 | 102.0 | 1.5 | 0.013 | | | | 2.69 |
| CAOND124917 | 102.0 | 103.5 | 1.5 | 0.016 | | | | 2.71 |
| CAOND124918 | 103.5 | 105.0 | 1.5 | 0.018 | | | | 2.71 |
| CAOND124919 | 105.0 | 106.5 | 1.5 | 0.018 | | | | 2.70 |
| CAOND124921 | 106.5 | 108.0 | 1.5 | 0.022 | | | | 2.74 |
| CAOND124922 | 108.0 | 109.5 | 1.5 | 0.016 | | | | 2.75 |
| CAOND124923 | 109.5 | 111.0 | 1.5 | 0.008 | | | | 2.75 |
| CAOND124924 | 111.0 | 112.5 | 1.5 | 0.009 | | | | 2.74 |
| CAOND124926 | 112.5 | 114.0 | 1.5 | 0.010 | | | | 2.74 |
| CAOND124927 | 114.0 | 115.0 | 1.0 | 0.018 | | | | 2.84 |
| CAOND124928 | 115.0 | 116.1 | 1.1 | 0.011 | | | | 2.81 |

**Major:** **From:** 116.10 **To:** 128.50 V8Gs, Trachyte green spotted

Composition: Medium dark greenish - grey, fine grained, green spotted, massive, Trachyte spotted Intrusive-V8Gs Magnetism: moderate magnetic Veinning: less than 1-2% mm-cm scale Qtz-calcite Structure: Local short fractured passages Alteration: moderate Chl and Calcite Mineralization: 1-2 fine disseminated with local stringers Py. Lower Contact: Gradual

**MINERALIZATION**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124929 | 116.1 | 117.5 | 1.4 | 0.012 | | | | 2.88 |
| CAOND124931 | 117.5 | 119.0 | 1.5 | 0.015 | | | | 2.88 |
| CAOND124932 | 119.0 | 120.5 | 1.5 | 0.042 | | | | 2.89 |
| CAOND124933 | 120.5 | 122.0 | 1.5 | 0.011 | | | | 2.90 |

**Hole number:** KLUC19-545

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
116.10, 117.10, PYR, -, 2.00, -, -, disseminated but also a few stringers and locally in vein

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
116.10, 128.50, CHL+, PEN, MOD, -, -, -, to locally stronger, Kspar associated by passages
116.10, 128.50, CAL+, PEN, MOD, -, -, -, generally a moderate reaction to HCl

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
122.80, 124.60, CalChl, 5.00, 25.00, -, -, -, GRY2_BASIC, -, -, -, -, banded, irregular Calcite dominant veining

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124934 | 122.0 | 123.5 | 1.5 | 0.023 | | | | 2.90 |
| CAOND124935 | 123.5 | 125.0 | 1.5 | 0.015 | | | | 2.92 |
| CAOND124936 | 125.0 | 126.5 | 1.5 | 0.025 | | | | 2.91 |
| CAOND124937 | 126.5 | 127.5 | 1.0 | 0.027 | | | | 2.89 |
| CAOND124938 | 127.5 | 128.5 | 1.0 | 0.006 | | | | 2.89 |

**Major:** **From:** 128.50 **To:** 141.50 I2Dmp, Syenite mafic porphyryitic

Composition: Medium dark greenish-grey, fine to locally medium grained I2D / Sediment- Syenite porphyry intrusion/ S Magnetism: weak magnetic. Veinning: ~ 1% mm -cm scale irregular and discontinuous qtz-carb-chl veins. Structure: massive Alteration: Moderate Calcite, Chl and weak Kspar Mineralization: ~1-2% fine grained dissemianted Py. Lower Contact: Gradual, regular

**MINOR INTERVAL**
140.00 - 141.00: V8Gs

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
134.70, 141.50, PYR, -, 1.00, -, -, irregularly disseminated and clusters

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
128.50, 141.50, CHL+, PEN, MOD, -, -, -, to locally stronger, Kspar associated by passages
128.50, 141.50, CAL+, PEN, MOD, -, -, -, generally a moderate reaction to HCl

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
141.40, 141.50, LWC, WEAK, -, -, -, -, gradual, irregular

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124939 | 128.5 | 130.0 | 1.5 | 0.022 | | | | 2.81 |
| CAOND124940 | 130.0 | 131.5 | 1.5 | 0.059 | | | | 2.81 |
| CAOND124941 | 131.5 | 133.0 | 1.5 | 0.112 | | | | 2.80 |
| CAOND124942 | 133.0 | 134.5 | 1.5 | 0.111 | | | | 2.77 |
| CAOND124943 | 134.5 | 136.0 | 1.5 | 0.025 | | | | 2.77 |
| CAOND124944 | 136.0 | 137.5 | 1.5 | 0.081 | | | | 2.79 |
| CAOND124946 | 137.5 | 139.0 | 1.5 | 0.029 | | | | 2.82 |
| CAOND124947 | 139.0 | 140.0 | 1.0 | 0.007 | | | | 2.80 |
| CAOND124948 | 140.0 | 141.0 | 1.0 | 0.010 | | | | 2.86 |
| CAOND124949 | 141.0 | 141.5 | 0.5 | 0.012 | | | | 2.87 |

**Major:** **From:** 141.50 **To:** 182.00 V8Gs, Trachyte green spotted

Composition: Medium dark greenish - grey; fine grained, some in-out short passages of syenite porphyry; Trachyte green spotted - V8Gs Magnetism: moderate magnetic Veinning: less than 1% mm-cm scale dominant calcite-Chl Structure: massive Alteration: moderate Chl, weak to mod. Calcite Mineralization: 1-5%fine disseminated Py+local veins and stringers Lower Contact:

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
144.40, 146.10, PYR, -, 2.00, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124951 | 141.5 | 143.0 | 1.5 | 0.010 | | | | 2.90 |
| CAOND124952 | 143.0 | 144.5 | 1.5 | 0.013 | | | | 2.91 |
| CAOND124953 | 144.5 | 146.0 | 1.5 | 0.019 | | | | 2.89 |
| CAOND124954 | 146.0 | 147.5 | 1.5 | 0.027 | | | | 2.86 |
| CAOND124955 | 147.5 | 149.0 | 1.5 | 0.413 | | | | 2.88 |

**Hole number:** KLUC19-545

152.00, 156.00, PYR, -, 1.00, -, -, -
157.00, 159.50, PYR, -, 5.00, -, -, generally disseminated + a couple of stringers
166.00, 166.70, PYR, -, 2.00, -, -, vein and stringer
168.00, 177.00, PYR, -, 5.00, -, -, local accumulations to 10%; disseminated + veins-stringers and clusters
177.00, 182.00, PYR, -, 2.00, -, -, generally diss. + a couple of stringers

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
141.50, 182.00, CHL+, PEN, MOD, -, -, -, to locally stronger, Kspar associated by passages
141.50, 142.00, CAL+, PEN, MOD, -, -, -, generally a moderate reaction to HCl
142.00, 182.00, CAL+, PEN, WEAK, -, -, -, to locally moderate

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
142.70, 142.80, CalChl, 10.00, 50.00, -, -, -, GRY_00025, 2.00, -, -, -, Ca/Carb-Chl-Hem

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124956 | 149.0 | 150.5 | 1.5 | 0.063 | | | | 2.91 |
| CAOND124957 | 150.5 | 152.0 | 1.5 | 0.029 | | | | 2.94 |
| CAOND124958 | 152.0 | 153.5 | 1.5 | 0.022 | | | | 2.88 |
| CAOND124959 | 153.5 | 155.0 | 1.5 | 0.020 | | | | 2.88 |
| CAOND124961 | 155.0 | 156.5 | 1.5 | 0.025 | | | | 2.85 |
| CAOND124962 | 156.5 | 158.0 | 1.5 | 0.182 | | | | 2.85 |
| CAOND124963 | 158.0 | 159.5 | 1.5 | 0.068 | | | | 2.91 |
| CAOND124964 | 159.5 | 161.0 | 1.5 | 0.108 | | | | 2.87 |
| CAOND124965 | 161.0 | 162.5 | 1.5 | 0.155 | | | | 2.89 |
| CAOND124966 | 162.5 | 164.0 | 1.5 | 0.015 | | | | 2.85 |
| CAOND124967 | 164.0 | 165.5 | 1.5 | 0.143 | | | | 2.89 |
| CAOND124968 | 165.5 | 167.0 | 1.5 | 0.172 | | | | 2.90 |
| CAOND124969 | 167.0 | 168.5 | 1.5 | 0.475 | | | | 2.89 |
| CAOND124971 | 168.5 | 170.0 | 1.5 | 0.864 | | | | 2.87 |
| CAOND124972 | 170.0 | 171.5 | 1.5 | 1.165 | | | | 2.93 |
| CAOND124973 | 171.5 | 173.0 | 1.5 | 0.386 | | | | 2.89 |
| CAOND124974 | 173.0 | 174.5 | 1.5 | 0.268 | | | | 2.90 |
| CAOND124976 | 174.5 | 176.0 | 1.5 | 0.378 | | | | 2.90 |
| CAOND124977 | 176.0 | 177.5 | 1.5 | 0.287 | | | | 2.87 |
| CAOND124978 | 177.5 | 179.0 | 1.5 | 5.070 | | | | 2.86 |
| CAOND124979 | 179.0 | 180.5 | 1.5 | 0.130 | | | | 2.87 |
| CAOND124981 | 180.5 | 182.0 | 1.5 | 0.396 | | | | 2.87 |

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 1.5 | 3.0 | 67.00 | 100.00 | | | N | |
| 3.0 | 6.0 | 67.00 | 100.00 | | | N | |
| 6.0 | 9.0 | 93.00 | 100.00 | | | N | |
| 9.0 | 12.0 | 95.00 | 100.00 | | | N | |
| 12.0 | 15.0 | 93.00 | 100.00 | | | N | |
| 15.0 | 18.0 | 60.00 | 100.00 | | | N | |
| 18.0 | 21.0 | 83.00 | 100.00 | | | N | |

**Hole number:** KLUC19-545

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 21.0 | 24.0 | 93.00 | 100.00 | | | N | |
| 24.0 | 27.0 | 90.00 | 100.00 | | | N | |
| 27.0 | 30.0 | 83.00 | 100.00 | | | N | |
| 30.0 | 33.0 | 92.00 | 100.00 | | | N | |
| 33.0 | 36.0 | 87.00 | 100.00 | | | N | |
| 36.0 | 39.0 | 87.00 | 100.00 | | | N | |
| 39.0 | 42.0 | 80.00 | 100.00 | | | N | |
| 42.0 | 45.0 | 95.00 | 100.00 | | | N | |
| 45.0 | 48.0 | 92.00 | 100.00 | | | N | |
| 48.0 | 51.0 | 87.00 | 100.00 | | | N | |
| 51.0 | 54.0 | 92.00 | 100.00 | | | N | |
| 54.0 | 57.0 | 92.00 | 100.00 | | | N | |
| 57.0 | 60.0 | 98.00 | 100.00 | | | N | |
| 60.0 | 63.0 | 97.00 | 100.00 | | | N | |
| 63.0 | 66.0 | 97.00 | 100.00 | | | N | |
| 66.0 | 69.0 | 88.00 | 100.00 | | | N | |
| 69.0 | 72.0 | 98.00 | 100.00 | | | N | |
| 72.0 | 75.0 | 97.00 | 100.00 | | | N | |
| 75.0 | 78.0 | 96.00 | 100.00 | | | N | |
| 78.0 | 81.0 | 98.00 | 100.00 | | | N | |
| 81.0 | 84.0 | 95.00 | 100.00 | | | N | |
| 84.0 | 87.0 | 97.00 | 100.00 | | | N | |
| 87.0 | 90.0 | 89.00 | 100.00 | | | N | |
| 90.0 | 93.0 | 97.00 | 100.00 | | | N | |
| 93.0 | 96.0 | 97.00 | 100.00 | | | N | |
| 96.0 | 99.0 | 93.00 | 100.00 | | | N | |
| 99.0 | 102.0 | 95.00 | 100.00 | | | N | |
| 102.0 | 105.0 | 90.00 | 100.00 | | | N | |

**Hole number:** KLUC19-545

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 105.0 | 108.0 | 96.00 | 100.00 | | | N | |
| 108.0 | 111.0 | 100.00 | 100.00 | | | N | |
| 111.0 | 114.0 | 95.00 | 100.00 | | | N | |
| 114.0 | 117.0 | 97.00 | 100.00 | | | N | |
| 117.0 | 120.0 | 98.00 | 100.00 | | | N | |
| 120.0 | 123.0 | 100.00 | 100.00 | | | N | |
| 123.0 | 126.0 | 87.00 | 100.00 | | | N | |
| 126.0 | 129.0 | 98.00 | 100.00 | | | N | |
| 129.0 | 132.0 | 98.00 | 100.00 | | | N | |
| 132.0 | 135.0 | 98.00 | 100.00 | | | N | |
| 135.0 | 138.0 | 100.00 | 100.00 | | | N | |
| 138.0 | 141.0 | 95.00 | 100.00 | | | N | |
| 141.0 | 144.0 | 93.00 | 100.00 | | | N | |
| 144.0 | 147.0 | 97.00 | 100.00 | | | N | |
| 147.0 | 150.0 | 93.00 | 100.00 | | | N | |
| 150.0 | 153.0 | 97.00 | 100.00 | | | N | |
| 153.0 | 156.0 | 98.00 | 100.00 | | | N | |
| 156.0 | 159.0 | 93.00 | 100.00 | | | N | |
| 159.0 | 162.0 | 93.00 | 100.00 | | | N | |
| 162.0 | 165.0 | 95.00 | 100.00 | | | N | |
| 165.0 | 168.0 | 97.00 | 100.00 | | | N | |
| 168.0 | 171.0 | 97.00 | 100.00 | | | N | |
| 171.0 | 174.0 | 97.00 | 100.00 | | | N | |
| 174.0 | 177.0 | 96.00 | 100.00 | | | N | |
| 177.0 | 180.0 | 93.00 | 100.00 | | | N | |
| 180.0 | 182.0 | 83.00 | 100.00 | | | N | |

**Hole number:** KLUC19-545

AGNICO EAGLE

# DRILL HOLE REPORT

EXPLORATION CANADA
ONTARIO

**Hole number:** KLUC19-546 **Project Number:** U_Canada **Project name:** Upper Canada

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Historic hole number:** | | **Collar survey:** | Y | **From:** | 0.0 | **Coordinates:** | P |
| **System:** | METRIC | **Verified:** | N | **To:** | 1 026.0 | **Grid:** | UTM83-17_CSRS-2010: |
| **Target:** | UC_C_ZONE | **Gas:** | N | **Depth:** | 1 026.0 | **North:** | 5,332,295.81 |
| **No. Claim:** | PAT-18817 | **Multishot survey:** | Y | **Location:** | Surface | **East:** | 585,615.29 |
| **Year:** | 2 019 | **Is making water:** | N | **Core storage:** | Exploration Camp | **Elevation:** | 343.66 |
| **Date started:** | 2019-06-02 | **Object in hole:** | N | **Contractor:** | Asinii Drilling | **Collar dip:** | -60.91 |
| **Date logged:** | 2019-06-29 | **Pulse EM survey:** | N | **Logged by:** | Ana Moldoveanu | **Collar azimuth:** | 122.13 |
| **Date completed:** | 2019-06-25 | **Plugged:** | N | **Signature:** | Mélanie Bouchard | | |
| **Core size:** | NQ | **Cemented:** | N | | | | |
| **Hole type:** | EXP | **Branch:** | N | | | | |
| **Casing:** | Left in Hole, capped | **Reserve:** | N | | | | |
| **Logging status:** | Signed | | | | | | |
| **Rig number:** | 2501 | | | | | | |

**Additional sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Proposed hole: UCP19-037A. New and improved Asinii II drill Rig: 2501. Targeting: K East and C zone main. Hole is planned to target the same point as cancelled hole KLUC19-540. A.Moldoveanu logged 0 - 221m, M.Bouchard logged 221 - 726m and A.Moldoveanu logged 726 - 1026m (E.O.H).
Hole was not plugged or cement, left open for a future wedge pilot hole.

**Assay average**

| Average type | From | To | Length | Width | Zone | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Pb_ppm | Ni_ppm | As_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WEIGHTED | 224.5 | 227.5 | 3.0 | | | 1.638 | | | | | | |
| WEIGHTED | 292.0 | 295.5 | 3.5 | | UC_C_ZONE | 1.135 | | | | | | |
| WEIGHTED | 342.8 | 343.5 | 0.7 | | UC_C_ZONE | 74.500 | | | | | | |
| WEIGHTED | 408.8 | 409.3 | 0.5 | | UC_C_ZONE | 2.030 | | | | | | |
| WEIGHTED | 421.2 | 422.0 | 0.8 | | UC_C_ZONE | 2.590 | | | | | | |
| WEIGHTED | 435.6 | 437.0 | 1.4 | | UC_C_ZONE | 1.625 | | | | | | |
| WEIGHTED | 467.0 | 470.7 | 3.7 | | UC_C_ZONE | 0.958 | | | | | | |
| WEIGHTED | 486.0 | 493.5 | 7.5 | | UC_C_ZONE | 4.097 | | | | | | |
| WEIGHTED | 492.0 | 493.5 | 1.5 | | UC_C_ZONE | 9.370 | | | | | | |
| WEIGHTED | 824.0 | 825.1 | 1.1 | | UC_C_ZONE | 2.170 | | | | | | |
| WEIGHTED | 843.0 | 844.0 | 1.0 | | UC_C_ZONE | 4.290 | | | | | | |
| WEIGHTED | 1 007.0 | 1 009.0 | 2.0 | | UC_C_ZONE | 3.105 | | | | | | |

**Hole number:** KLUC19-546

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 124.15 | -60.84 | G | O | North Seaker Gyro |
| 10.0 | 124.08 | -61.01 | G | O | North Seaker Gyro |
| 30.0 | 124.34 | -61.34 | G | O | North Seaker Gyro |
| 40.0 | 124.53 | -61.41 | G | O | North Seaker Gyro |
| 60.0 | 124.70 | -61.44 | G | O | North Seaker Gyro |
| 70.0 | 124.83 | -61.47 | G | O | North Seaker Gyro |
| 90.0 | 125.00 | -61.50 | G | O | North Seaker Gyro |
| 100.0 | 125.12 | -61.46 | G | O | North Seaker Gyro |
| 120.0 | 125.93 | -61.31 | G | O | North Seaker Gyro |
| 130.0 | 126.34 | -61.27 | G | O | North Seaker Gyro |
| 150.0 | 127.32 | -61.25 | G | O | North Seaker Gyro |
| 160.0 | 127.67 | -61.27 | G | O | North Seaker Gyro |
| 180.0 | 128.79 | -61.36 | G | O | North Seaker Gyro |
| 190.0 | 129.46 | -61.54 | G | O | North Seaker Gyro |
| 210.0 | 130.72 | -61.56 | G | O | North Seaker Gyro |
| 220.0 | 131.29 | -61.58 | G | O | North Seaker Gyro |
| 240.0 | 132.44 | -61.51 | G | O | North Seaker Gyro |
| 250.0 | 133.09 | -61.44 | G | O | North Seaker Gyro |
| 270.0 | 133.67 | -61.22 | G | O | North Seaker Gyro |
| 280.0 | 133.80 | -61.07 | G | O | North Seaker Gyro |
| 300.0 | 134.06 | -60.91 | G | O | North Seaker Gyro |
| 310.0 | 134.18 | -60.80 | G | O | North Seaker Gyro |
| 330.0 | 134.48 | -60.65 | G | O | North Seaker Gyro |
| 340.0 | 134.54 | -60.61 | G | O | North Seaker Gyro |
| 360.0 | 134.70 | -60.47 | G | O | North Seaker Gyro |
| 370.0 | 134.81 | -60.38 | G | O | North Seaker Gyro |
| 390.0 | 135.47 | -59.99 | G | O | North Seaker Gyro |
| 410.0 | 135.84 | -59.78 | G | O | North Seaker Gyro |
| 426.0 | 135.50 | -59.50 | EZ | | 55180 |
| 440.0 | 136.06 | -59.58 | G | O | North Seaker Gyro |
| 456.0 | 137.30 | -59.50 | EZ | | 55282 |

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 122.13 | -60.91 | S | | Surveyed direction (az corrected true North) |
| 20.0 | 124.18 | -61.30 | G | O | North Seaker Gyro |
| 36.0 | 127.80 | -61.30 | EZ | | 54562 |
| 50.0 | 124.62 | -61.43 | G | O | North Seaker Gyro |
| 66.0 | 128.70 | -61.40 | EZ | | 54452 |
| 80.0 | 124.88 | -61.48 | G | O | North Seaker Gyro |
| 96.0 | 128.60 | -61.10 | EZ | | 54387 |
| 110.0 | 125.50 | -61.34 | G | O | North Seaker Gyro |
| 126.0 | 126.30 | -60.60 | EZ | | 54223 |
| 140.0 | 126.83 | -61.30 | G | O | North Seaker Gyro |
| 156.0 | 128.80 | -61.20 | EZ | | 54271 |
| 170.0 | 128.20 | -61.22 | G | O | North Seaker Gyro |
| 186.0 | 132.60 | -61.50 | EZ | | 54317 |
| 200.0 | 129.99 | -61.60 | G | O | North Seaker Gyro |
| 216.0 | 133.60 | -61.50 | EZ | | 54385 |
| 230.0 | 131.93 | -61.54 | G | O | North Seaker Gyro |
| 246.0 | 134.50 | -61.40 | EZ | | 53958 |
| 260.0 | 133.43 | -61.34 | G | O | North Seaker Gyro |
| 276.0 | 134.90 | -60.90 | EZ | | 53758 |
| 290.0 | 133.87 | -61.00 | G | O | North Seaker Gyro |
| 306.0 | 134.60 | -60.70 | EZ | | 54068 |
| 320.0 | 134.32 | -60.69 | G | O | North Seaker Gyro |
| 336.0 | 137.80 | -60.60 | EZ | | 53336 |
| 350.0 | 134.63 | -60.52 | G | O | North Seaker Gyro |
| 366.0 | 138.60 | -60.70 | EZ | | 54401 |
| 380.0 | 135.21 | -60.18 | G | O | North Seaker Gyro |
| 400.0 | 135.68 | -59.89 | G | O | North Seaker Gyro |
| 420.0 | 135.96 | -59.71 | G | O | North Seaker Gyro |
| 430.0 | 136.05 | -59.62 | G | O | North Seaker Gyro |
| 450.0 | 136.12 | -59.52 | G | O | North Seaker Gyro |
| 460.0 | 136.28 | -59.47 | G | O | North Seaker Gyro |
| 470.0 | 136.44 | -59.41 | G | O | North Seaker Gyro |

**Hole number:** KLUC19-546

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 480.0 | 136.52 | -59.32 | G | O | North Seaker Gyro |
| 490.0 | 136.52 | -59.27 | G | O | North Seaker Gyro |
| 510.0 | 136.84 | -59.16 | G | O | North Seaker Gyro |
| 520.0 | 137.05 | -59.05 | G | O | North Seaker Gyro |
| 540.0 | 137.35 | -58.87 | G | O | North Seaker Gyro |
| 550.0 | 137.50 | -58.79 | G | O | North Seaker Gyro |
| 570.0 | 137.54 | -58.58 | G | O | North Seaker Gyro |
| 580.0 | 137.51 | -58.50 | G | O | North Seaker Gyro |
| 600.0 | 137.93 | -58.36 | G | O | North Seaker Gyro |
| 610.0 | 138.13 | -58.16 | G | O | North Seaker Gyro |
| 630.0 | 138.65 | -58.06 | G | O | North Seaker Gyro |
| 640.0 | 138.72 | -58.00 | G | O | North Seaker Gyro |
| 660.0 | 139.09 | -57.73 | G | O | North Seaker Gyro |
| 670.0 | 139.37 | -57.52 | G | O | North Seaker Gyro |
| 690.0 | 139.77 | -57.27 | G | O | North Seaker Gyro |
| 700.0 | 140.04 | -57.28 | G | O | North Seaker Gyro |
| 720.0 | 140.84 | -57.16 | G | O | North Seaker Gyro |
| 730.0 | 140.98 | -57.07 | G | O | North Seaker Gyro |
| 750.0 | 141.56 | -56.74 | G | O | North Seaker Gyro |
| 760.0 | 141.90 | -56.61 | G | O | North Seaker Gyro |
| 780.0 | 142.36 | -56.54 | G | O | North Seaker Gyro |
| 790.0 | 142.65 | -56.45 | G | O | North Seaker Gyro |
| 801.0 | 145.00 | -56.30 | ES | | Reflex EasyShot Multi-Shot |
| 807.0 | 145.50 | -56.30 | ES | | Reflex EasyShot Multi-Shot |
| 810.0 | 143.29 | -56.27 | G | O | North Seaker Gyro |
| 816.0 | 142.80 | -56.20 | ES | O | Reflex EasyShot Multi-Shot |
| 822.0 | 144.70 | -56.10 | ES | O | Reflex EasyShot Multi-Shot |
| 828.0 | 143.30 | -56.10 | ES | O | Reflex EasyShot Multi-Shot |
| 834.0 | 143.90 | -56.10 | ES | O | Reflex EasyShot Multi-Shot |
| 840.0 | 145.00 | -56.10 | ES | O | Reflex EasyShot Multi-Shot |
| 846.0 | 146.40 | -56.00 | EZ | | 54625 |
| 849.0 | 144.60 | -56.00 | ES | O | Reflex EasyShot Multi-Shot |
| 486.0 | 135.20 | -59.20 | EZ | | 54551 |
| 500.0 | 136.53 | -59.26 | G | O | North Seaker Gyro |
| 516.0 | 139.20 | -59.20 | EZ | | 53749 |
| 530.0 | 137.23 | -58.96 | G | O | North Seaker Gyro |
| 546.0 | 141.80 | -58.80 | EZ | | 54201 |
| 560.0 | 137.57 | -58.68 | G | O | North Seaker Gyro |
| 576.0 | 141.60 | -58.50 | EZ | | 55934 |
| 590.0 | 137.78 | -58.40 | G | O | North Seaker Gyro |
| 606.0 | 142.10 | -58.30 | EZ | | 54759 |
| 620.0 | 138.55 | -58.08 | G | O | North Seaker Gyro |
| 636.0 | 141.30 | -57.90 | EZ | | 53789 |
| 650.0 | 138.87 | -57.87 | G | O | North Seaker Gyro |
| 666.0 | 140.20 | -57.50 | EZ | | 53367 |
| 680.0 | 139.59 | -57.34 | G | O | North Seaker Gyro |
| 696.0 | 139.00 | -57.20 | EZ | | 53992 |
| 710.0 | 140.60 | -57.23 | G | O | North Seaker Gyro |
| 726.0 | 144.40 | -57.00 | EZ | | 55623 |
| 740.0 | 141.21 | -56.97 | G | O | North Seaker Gyro |
| 756.0 | 141.60 | -56.60 | EZ | | 54997 |
| 770.0 | 142.15 | -56.60 | G | O | North Seaker Gyro |
| 786.0 | 144.20 | -56.40 | EZ | | 54698 |
| 800.0 | 142.96 | -56.38 | G | O | North Seaker Gyro |
| 804.0 | 144.40 | -56.30 | ES | | Reflex EasyShot Multi-Shot |
| 810.0 | 143.00 | -56.20 | ES | | Reflex EasyShot Multi-Shot |
| 813.0 | 142.40 | -56.20 | ES | O | Reflex EasyShot Multi-Shot |
| 819.0 | 142.00 | -56.10 | ES | O | Reflex EasyShot Multi-Shot |
| 825.0 | 144.50 | -56.10 | ES | D | Reflex EasyShot Multi-Shot |
| 831.0 | 142.40 | -56.10 | ES | O | Reflex EasyShot Multi-Shot |
| 837.0 | 144.70 | -56.10 | ES | O | Reflex EasyShot Multi-Shot |
| 843.0 | 145.00 | -56.00 | ES | O | Reflex EasyShot Multi-Shot |
| 846.0 | 144.10 | -56.00 | ES | O | Reflex EasyShot Multi-Shot |
| 852.0 | 145.20 | -56.00 | ES | O | Reflex EasyShot Multi-Shot |

**Hole number:** KLUC19-546

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 855.0 | 144.50 | -55.90 | ES | O | Reflex EasyShot Multi-Shot |
| 861.0 | 145.20 | -56.00 | ES | O | Reflex EasyShot Multi-Shot |
| 867.0 | 145.40 | -55.90 | ES | O | Reflex EasyShot Multi-Shot |
| 873.0 | 146.90 | -56.10 | ES | O | Reflex EasyShot Multi-Shot |
| 876.0 | 147.50 | -56.20 | EZ | | 54321 |
| 882.0 | 147.10 | -56.20 | ES | O | Reflex EasyShot Multi-Shot |
| 888.0 | 148.60 | -56.20 | ES | O | Reflex EasyShot Multi-Shot |
| 894.0 | 148.40 | -56.50 | ES | O | Reflex EasyShot Multi-Shot |
| 900.0 | 150.50 | -56.60 | ES | O | Reflex EasyShot Multi-Shot |
| 906.0 | 154.80 | -56.00 | EZ | | 54606 |
| 909.0 | 153.90 | -56.00 | ES | O | Reflex EasyShot Multi-Shot |
| 915.0 | 154.60 | -55.90 | ES | O | Reflex EasyShot Multi-Shot |
| 921.0 | 154.20 | -55.80 | ES | O | Reflex EasyShot Multi-Shot |
| 927.0 | 154.90 | -55.70 | ES | O | Reflex EasyShot Multi-Shot |
| 933.0 | 156.00 | -55.60 | ES | O | Reflex EasyShot Multi-Shot |
| 939.0 | 156.30 | -55.40 | ES | O | Reflex EasyShot Multi-Shot |
| 945.0 | 155.60 | -55.40 | ES | O | Reflex EasyShot Multi-Shot |
| 951.0 | 157.50 | -55.40 | ES | O | Reflex EasyShot Multi-Shot |
| 957.0 | 155.70 | -55.30 | ES | | Reflex EasyShot Multi-Shot |
| 963.0 | 158.00 | -55.10 | ES | | Reflex EasyShot Multi-Shot |
| 969.0 | 156.20 | -55.00 | ES | | Reflex EasyShot Multi-Shot |
| 975.0 | 157.50 | -54.90 | ES | O | Reflex EasyShot Multi-Shot |
| 981.0 | 157.00 | -54.80 | ES | O | Reflex EasyShot Multi-Shot |
| 987.0 | 156.10 | -54.80 | ES | O | Reflex EasyShot Multi-Shot |
| 993.0 | 156.20 | -54.80 | ES | O | Reflex EasyShot Multi-Shot |
| 999.0 | 158.90 | -54.70 | ES | O | Reflex EasyShot Multi-Shot |
| 1 005.0 | 157.90 | -54.70 | ES | O | Reflex EasyShot Multi-Shot |
| 1 011.0 | 158.70 | -54.60 | ES | O | Reflex EasyShot Multi-Shot |
| 1 017.0 | 158.60 | -54.60 | ES | O | Reflex EasyShot Multi-Shot |
| 1 023.0 | 156.50 | -54.50 | ES | | Reflex EasyShot Multi-Shot |

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 858.0 | 142.70 | -54.90 | ES | | Reflex EasyShot Multi-Shot |
| 864.0 | 145.20 | -56.00 | ES | O | Reflex EasyShot Multi-Shot |
| 870.0 | 145.80 | -56.10 | ES | O | Reflex EasyShot Multi-Shot |
| 876.0 | 147.20 | -56.10 | ES | O | Reflex EasyShot Multi-Shot |
| 879.0 | 147.10 | -56.20 | ES | O | Reflex EasyShot Multi-Shot |
| 885.0 | 147.50 | -56.20 | ES | O | Reflex EasyShot Multi-Shot |
| 891.0 | 148.20 | -56.40 | ES | O | Reflex EasyShot Multi-Shot |
| 897.0 | 149.40 | -56.60 | ES | O | Reflex EasyShot Multi-Shot |
| 903.0 | 153.70 | -56.40 | ES | O | Reflex EasyShot Multi-Shot |
| 906.0 | 154.60 | -56.10 | ES | O | Reflex EasyShot Multi-Shot |
| 912.0 | 154.20 | -56.00 | ES | O | Reflex EasyShot Multi-Shot |
| 918.0 | 154.10 | -55.90 | ES | O | Reflex EasyShot Multi-Shot |
| 924.0 | 155.00 | -55.80 | ES | O | Reflex EasyShot Multi-Shot |
| 930.0 | 156.00 | -55.70 | ES | O | Reflex EasyShot Multi-Shot |
| 936.0 | 155.70 | -55.50 | ES | O | Reflex EasyShot Multi-Shot |
| 942.0 | 156.20 | -55.40 | ES | O | Reflex EasyShot Multi-Shot |
| 948.0 | 156.50 | -55.40 | ES | O | Reflex EasyShot Multi-Shot |
| 954.0 | 155.90 | -55.30 | ES | | Reflex EasyShot Multi-Shot |
| 960.0 | 157.80 | -55.10 | ES | O | Reflex EasyShot Multi-Shot |
| 966.0 | 156.50 | -55.00 | ES | | Reflex EasyShot Multi-Shot |
| 972.0 | 156.10 | -54.90 | ES | | Reflex EasyShot Multi-Shot |
| 978.0 | 157.30 | -54.90 | ES | O | Reflex EasyShot Multi-Shot |
| 984.0 | 156.10 | -54.80 | ES | O | Reflex EasyShot Multi-Shot |
| 990.0 | 156.30 | -54.80 | ES | O | Reflex EasyShot Multi-Shot |
| 996.0 | 158.10 | -54.80 | ES | O | Reflex EasyShot Multi-Shot |
| 1 002.0 | 158.80 | -54.70 | ES | O | Reflex EasyShot Multi-Shot |
| 1 008.0 | 157.80 | -54.60 | ES | O | Reflex EasyShot Multi-Shot |
| 1 014.0 | 156.90 | -54.60 | ES | | Reflex EasyShot Multi-Shot |
| 1 020.0 | 157.60 | -54.50 | ES | | Reflex EasyShot Multi-Shot |
| 1 026.0 | 156.90 | -54.50 | ES | | Reflex EasyShot Multi-Shot |

**Hole number:** KLUC19-546

| Certificate |
|---|
| TM19156303 |
| TM19163258 |
| TM19163259 |
| TM19163470 |
| TM19163473 |
| TM19167493 |
| TM19167498 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505D19-037 | Excaon1D | CAOND107001 - CAOND107141<br>CAOND124962 - CAOND125000 |
| CXE5505D19-038 | Excaon1D | CAOND107142 - CAOND107433 |
| CXE5505D19-039 | Excaon1D | CAOND107434 - CAOND107443 |
| CXE5505D19-040 | Excaon1D | CAOND107444 - CAOND107559<br>CAOND107561 - CAOND107569<br>CAOND107571 - CAOND107574<br>CAOND107576 - CAOND107589<br>CAOND107591 - CAOND107598 |
| CXE5505D19-041 | Excaon1D | CAOND107560<br>CAOND107570<br>CAOND107575<br>CAOND107590 |
| CXE5505D19-042 | Excaon1D | CAOND107599 - CAOND108013 |

*The sample list may content samples from other holes

| Sample number | Standard |
|---|---|
| CAOND107015 | CDN-CM-27-AEM |
| CAOND107020 | BLANK-DB |
| CAOND107030 | CDN-GS-5W |
| CAOND107045 | CDN-CM-28-AEM |
| CAOND107060 | CDN-CM-27-AEM |
| CAOND107070 | BLANK-DB |
| CAOND107075 | CDN-GS-5W |
| CAOND107090 | CDN-CM-28-AEM |
| CAOND107115 | CDN-CM-27-AEM |
| CAOND107120 | BLANK-DB |
| CAOND107130 | CDN-GS-5W |
| CAOND107145 | CDN-CM-28-AEM |
| CAOND107160 | CDN-CM-27-AEM |
| CAOND107170 | BLANK-DB |
| CAOND107175 | CDN-GS-5W |
| CAOND107190 | CDN-CM-28-AEM |
| CAOND107215 | CDN-CM-27-AEM |
| CAOND107220 | BLANK-DB |
| CAOND107230 | CDN-GS-5W |
| CAOND107245 | CDN-CM-28-AEM |
| CAOND107260 | CDN-CM-27-AEM |
| CAOND107270 | BLANK-DB |
| CAOND107275 | CDN-GS-5W |
| CAOND107290 | CDN-CM-28-AEM |
| CAOND107315 | CDN-CM-27-AEM |
| CAOND107320 | BLANK-DB |
| CAOND107330 | CDN-GS-5W |
| CAOND107345 | CDN-CM-28-AEM |
| CAOND107360 | CDN-CM-27-AEM |
| CAOND107370 | BLANK-DB |
| CAOND107375 | CDN-GS-5W |
| CAOND107390 | CDN-CM-28-AEM |
| CAOND107415 | CDN-CM-27-AEM |
| CAOND107420 | BLANK-DB |

**Hole number:** KLUC19-546

| Sample number | Standard |
|---|---|
| CAOND107430 | CDN-GS-5W |
| CAOND107445 | CDN-CM-28-AEM |
| CAOND107460 | CDN-CM-27-AEM |
| CAOND107470 | BLANK-DB |
| CAOND107475 | CDN-GS-5W |
| CAOND107490 | CDN-CM-28-AEM |
| CAOND107515 | CDN-CM-27-AEM |
| CAOND107520 | BLANK-DB |
| CAOND107530 | CDN-GS-5W |
| CAOND107545 | CDN-CM-28-AEM |
| CAOND107560 | CDN-CM-27-AEM |
| CAOND107570 | BLANK-DB |
| CAOND107575 | CDN-GS-5W |
| CAOND107590 | CDN-CM-28-AEM |
| CAOND107615 | CDN-CM-27-AEM |
| CAOND107620 | BLANK-DB |
| CAOND107630 | CDN-GS-5W |
| CAOND107645 | CDN-CM-28-AEM |
| CAOND107660 | CDN-CM-27-AEM |
| CAOND107670 | BLANK-DB |
| CAOND107675 | CDN-GS-5W |
| CAOND107690 | CDN-CM-28-AEM |
| CAOND107715 | CDN-CM-27-AEM |
| CAOND107720 | BLANK-DB |
| CAOND107730 | CDN-GS-5W |
| CAOND107745 | CDN-CM-28-AEM |
| CAOND107760 | CDN-CM-27-AEM |
| CAOND107770 | BLANK-DB |
| CAOND107775 | CDN-GS-5W |
| CAOND107790 | CDN-CM-28-AEM |
| CAOND107815 | CDN-CM-27-AEM |
| CAOND124990 | CDN-CM-28-AEM |

**Major:** **From:** 0.00 **To:** 24.00 OVB, Overburden

**Hole number:** KLUC19-546

**Major:** **From:** 24.00 **To:** 95.00 I3B, Diabase

Composition: Medium dark greenish-grey, fine to medium grained, regular matrix spotted by Amph-Ca-Feldsp; I3A - Gabbro Magnetism: weak magnetic. Veinning: Less than 1% mm -cm scale irregular and discontinuous qtz-carb-chl veins, locally filled with Epidote Structure: weakly fractured Alteration: Weak to mod. Chl Mineralization: 0.5% very fine and fine grained disseminated Py. Lower Contact: Gradual, discreet

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

24.00, 95.00, EPD+, SPO, WEAK, -, -, -, locally banded, associated to Q-ca veins and veinlets

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

24.00, 95.00, FRA, WEAK, 55.00, -, -, -, locally moderate
34.50, 37.00, GGE, MOD, 30.00, -, -, -, very fractured, partially muddy
94.90, 95.00, LWC, WEAK, 40.00, -, -, -, gradual, Qtz-Ca vein

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND124982 | 24.0 | 25.5 | 1.5 | 0.013 | | | | 3.04 |
| CAOND124983 | 25.5 | 27.0 | 1.5 | 0.014 | | | | 3.03 |
| CAOND124984 | 27.0 | 28.5 | 1.5 | 0.012 | | | | 3.04 |
| CAOND124985 | 28.5 | 30.0 | 1.5 | 0.014 | | | | 3.03 |
| CAOND124986 | 30.0 | 31.5 | 1.5 | 0.028 | | | | 3.02 |
| CAOND124987 | 31.5 | 33.0 | 1.5 | 0.013 | | | | 3.03 |
| CAOND124988 | 33.0 | 34.5 | 1.5 | 0.067 | | | | 2.98 |
| CAOND124989 | 34.5 | 36.0 | 1.5 | 0.017 | | | | 3.02 |
| CAOND124991 | 36.0 | 37.5 | 1.5 | 0.014 | | | | 3.01 |
| CAOND124992 | 37.5 | 39.0 | 1.5 | 0.012 | | | | 3.07 |
| CAOND124993 | 39.0 | 40.5 | 1.5 | 0.011 | | | | 3.05 |
| CAOND124994 | 40.5 | 42.0 | 1.5 | 0.012 | | | | 3.04 |
| CAOND124995 | 42.0 | 43.5 | 1.5 | 0.014 | | | | 3.01 |
| CAOND124996 | 43.5 | 45.0 | 1.5 | 0.019 | | | | 2.98 |
| CAOND124997 | 45.0 | 46.5 | 1.5 | 0.021 | | | | 3.03 |
| CAOND124998 | 46.5 | 48.0 | 1.5 | 0.015 | | | | 3.10 |
| CAOND124999 | 48.0 | 49.5 | 1.5 | 0.014 | | | | 3.07 |
| CAOND107001 | 49.5 | 51.0 | 1.5 | 0.018 | | | | 3.03 |
| CAOND107002 | 51.0 | 52.5 | 1.5 | 0.012 | | | | 3.01 |
| CAOND107003 | 52.5 | 54.0 | 1.5 | 0.015 | | | | 3.00 |
| CAOND107004 | 54.0 | 55.5 | 1.5 | 0.041 | | | | 3.03 |
| CAOND107005 | 55.5 | 57.0 | 1.5 | 0.015 | | | | 2.99 |
| CAOND107006 | 57.0 | 58.5 | 1.5 | 0.017 | | | | 3.05 |
| CAOND107007 | 58.5 | 60.0 | 1.5 | 0.011 | | | | 3.03 |
| CAOND107008 | 60.0 | 61.5 | 1.5 | 0.015 | | | | 3.06 |
| CAOND107009 | 61.5 | 63.0 | 1.5 | 0.017 | | | | 3.07 |
| CAOND107010 | 63.0 | 64.5 | 1.5 | 0.010 | | | | 3.06 |
| CAOND107011 | 64.5 | 66.0 | 1.5 | 0.011 | | | | 3.07 |
| CAOND107012 | 66.0 | 67.5 | 1.5 | 0.018 | | | | 3.04 |
| CAOND107013 | 67.5 | 69.0 | 1.5 | 0.012 | | | | 3.04 |
| CAOND107014 | 69.0 | 70.5 | 1.5 | 0.011 | | | | 3.05 |
| CAOND107016 | 70.5 | 72.0 | 1.5 | 0.012 | | | | 3.06 |
| CAOND107017 | 72.0 | 73.5 | 1.5 | 0.010 | | | | 3.05 |

**Hole number:** KLUC19-546

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107018 | 73.5 | 75.0 | 1.5 | 0.010 | | | | 3.02 |
| CAOND107019 | 75.0 | 76.5 | 1.5 | 0.010 | | | | 3.02 |
| CAOND107021 | 76.5 | 78.0 | 1.5 | 0.016 | | | | 3.00 |
| CAOND107022 | 78.0 | 79.5 | 1.5 | 0.012 | | | | 3.02 |
| CAOND107023 | 79.5 | 81.0 | 1.5 | 0.016 | | | | 3.06 |
| CAOND107024 | 81.0 | 82.5 | 1.5 | 0.012 | | | | 3.06 |
| CAOND107026 | 82.5 | 84.0 | 1.5 | 0.009 | | | | 3.02 |
| CAOND107027 | 84.0 | 85.5 | 1.5 | 0.012 | | | | 3.08 |
| CAOND107028 | 85.5 | 87.0 | 1.5 | 0.012 | | | | 3.08 |
| CAOND107029 | 87.0 | 88.5 | 1.5 | 0.011 | | | | 3.06 |
| CAOND107031 | 88.5 | 90.0 | 1.5 | 0.011 | | | | 3.08 |
| CAOND107032 | 90.0 | 91.5 | 1.5 | 0.011 | | | | 3.08 |
| CAOND107033 | 91.5 | 93.0 | 1.5 | 0.011 | | | | 3.03 |
| CAOND107034 | 93.0 | 94.0 | 1.0 | 0.012 | | | | 2.97 |
| CAOND107035 | 94.0 | 95.0 | 1.0 | 0.011 | | | | 2.90 |

**Major:** **From:** 95.00 **To:** 193.50 S, Roches sédimentaires indéterminées

Composition: Dominantly medium dark green grey, fine grained, weakly to moderate foliated/ sheared S - Sediment Magnetism: Non magnetic. Veinning: 1-2% mm scale Q-Ca- Chl veinning Structure: fractured passages; Fo/Sh; Frequent Gouges generally thin but a couple of longer ones between 159m to 161.2m Alteration: Moderate Chl , weak to mod. sericite Mineralization: not significant Lower Contact: sharp but fragmented (CNR)

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

95.00, 167.00, SER+, BAN, WEAK, -, -, -, to locally moderate, ± Epi associated
95.00, 193.50, CHL+, PEN, WEAK, -, -, -, and fracture filling; Epi and passages with Sericite associated

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

95.00, 120.00, FRA, WEAK, 30.00, -, -, -, to moderate
95.00, 193.50, FOL, MOD, 35.00, -, -, -, -
122.20, 124.00, FRA, WEAK, 40.00, -, -, -, to moderate
159.30, 160.30, GGE, STRONG, 35.00, -, -, -, muddy
160.80, 161.20, GGE, STRONG, 35.00, -, -, -, muddy
172.70, 172.80, GGE, MOD, 35.00, -, -, -, muddy
173.00, 173.50, FRA, MOD, 30.00, -, -, -, locally narrow / thin gouge
182.80, 186.70, FRA, MOD, 40.00, -, -, -, with gouge between 186.5m - 186.7m
191.80, 193.50, FRA, STRONG, 20.00, -, -, -, with gouge from 193m to 193.5m ; CNR down to 195

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107036 | 95.0 | 96.0 | 1.0 | 0.003 | | | | 2.84 |
| CAOND107037 | 96.0 | 97.5 | 1.5 | 0.003 | | | | 2.86 |
| CAOND107038 | 97.5 | 99.0 | 1.5 | 0.003 | | | | 2.92 |
| CAOND107039 | 99.0 | 100.5 | 1.5 | 0.005 | | | | 2.83 |
| CAOND107040 | 100.5 | 102.0 | 1.5 | 0.003 | | | | 2.89 |
| CAOND107041 | 102.0 | 103.5 | 1.5 | 0.005 | | | | 2.85 |
| CAOND107042 | 103.5 | 105.0 | 1.5 | 0.003 | | | | 2.82 |
| CAOND107043 | 105.0 | 106.5 | 1.5 | 0.003 | | | | 2.81 |
| CAOND107044 | 106.5 | 108.0 | 1.5 | 0.007 | | | | 2.83 |
| CAOND107046 | 108.0 | 109.5 | 1.5 | 0.014 | | | | 2.82 |
| CAOND107047 | 109.5 | 111.0 | 1.5 | 0.006 | | | | 2.84 |
| CAOND107048 | 111.0 | 112.0 | 1.0 | 0.003 | | | | 2.84 |
| CAOND107049 | 112.0 | 112.6 | 0.6 | 0.003 | | | | 2.76 |
| CAOND107051 | 112.6 | 114.0 | 1.4 | 0.003 | | | | 2.83 |
| CAOND107052 | 114.0 | 115.5 | 1.5 | 0.003 | | | | 2.83 |
| CAOND107053 | 115.5 | 117.0 | 1.5 | 0.003 | | | | 2.83 |
| CAOND107054 | 117.0 | 118.5 | 1.5 | 0.003 | | | | 2.83 |

**Hole number:** KLUC19-546

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS

103.50, 103.80, QtzCbtChl, 40.00, 60.00, -, -, -, GRY2_BASIC, 15.00, -, -, -, irregular Qtz-Ca-Chl veins
110.70, 111.40, QtzCbtChl, 25.00, -, -, -, -, GRY2_BASIC, 20.00, -, -, -, irregular,Qtz-Ca-Chl veins
112.00, 112.60, QtzCbtChl, 75.00, -, -, -, -, GRY2_BASIC, 60.00, -, PYR, .50, 60 cm Qtz- Ca-Chl brecciated aspect, patches chloritised- sericitised
193.30, 193.50, QtzCbtChl, 95.00, -, -, -, -, GRY_00025, -, -, -, -, marbled, white-greyish Qtz vein interval, not sure about the width as CNR; apparently barren

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107055 | 118.5 | 120.0 | 1.5 | 0.003 | | | | 2.85 |
| CAOND107056 | 120.0 | 121.5 | 1.5 | 0.003 | | | | 2.86 |
| CAOND107057 | 121.5 | 122.5 | 1.0 | 0.003 | | | | 2.83 |
| CAOND107058 | 122.5 | 124.0 | 1.5 | 0.003 | | | | 2.84 |
| CAOND107059 | 124.0 | 125.5 | 1.5 | 0.003 | | | | 2.85 |
| CAOND107061 | 125.5 | 127.0 | 1.5 | 0.003 | | | | 2.88 |
| CAOND107062 | 127.0 | 128.5 | 1.5 | 0.006 | | | | 2.86 |
| CAOND107063 | 128.5 | 130.0 | 1.5 | 0.008 | | | | 2.83 |
| CAOND107064 | 130.0 | 131.5 | 1.5 | 0.007 | | | | 2.85 |
| CAOND107065 | 131.5 | 133.0 | 1.5 | 0.003 | | | | 2.89 |
| CAOND107066 | 133.0 | 134.5 | 1.5 | 0.008 | | | | 2.85 |
| CAOND107067 | 134.5 | 136.0 | 1.5 | 0.005 | | | | 2.87 |
| CAOND107068 | 136.0 | 137.5 | 1.5 | 0.008 | | | | 2.91 |
| CAOND107069 | 137.5 | 139.0 | 1.5 | 0.007 | | | | 2.87 |
| CAOND107071 | 139.0 | 140.5 | 1.5 | 0.014 | | | | 2.88 |
| CAOND107072 | 140.5 | 142.0 | 1.5 | 0.009 | | | | 2.87 |
| CAOND107073 | 142.0 | 143.5 | 1.5 | 0.010 | | | | 2.85 |
| CAOND107074 | 143.5 | 145.0 | 1.5 | 0.021 | | | | 2.86 |
| CAOND107076 | 145.0 | 146.5 | 1.5 | 0.032 | | | | 2.83 |
| CAOND107077 | 146.5 | 148.0 | 1.5 | 0.037 | | | | 2.84 |
| CAOND107078 | 148.0 | 149.5 | 1.5 | 0.055 | | | | 2.83 |
| CAOND107079 | 149.5 | 151.0 | 1.5 | 0.049 | | | | 2.81 |
| CAOND107081 | 151.0 | 152.5 | 1.5 | 0.053 | | | | 2.80 |
| CAOND107082 | 152.5 | 154.0 | 1.5 | 0.050 | | | | 2.78 |
| CAOND107083 | 154.0 | 155.5 | 1.5 | 0.058 | | | | 2.79 |
| CAOND107084 | 155.5 | 157.0 | 1.5 | 0.018 | | | | 2.78 |
| CAOND107085 | 157.0 | 158.0 | 1.0 | 0.016 | | | | 2.76 |
| CAOND107086 | 158.0 | 159.0 | 1.0 | 0.011 | | | | 2.72 |
| CAOND107087 | 159.0 | 160.5 | 1.5 | 0.047 | | | | 2.67 |
| CAOND107088 | 160.5 | 162.0 | 1.5 | 0.051 | | | | 2.70 |
| CAOND107089 | 162.0 | 163.5 | 1.5 | 0.015 | | | | 2.75 |
| CAOND107091 | 163.5 | 165.0 | 1.5 | 0.014 | | | | 2.77 |
| CAOND107092 | 165.0 | 166.5 | 1.5 | 0.010 | | | | 2.79 |

**Hole number:** KLUC19-546

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107093 | 166.5 | 168.0 | 1.5 | 0.011 | | | | 2.79 |
| CAOND107094 | 168.0 | 169.5 | 1.5 | 0.008 | | | | 2.83 |
| CAOND107095 | 169.5 | 171.0 | 1.5 | 0.006 | | | | 2.86 |
| CAOND107096 | 171.0 | 172.5 | 1.5 | 0.008 | | | | 2.87 |
| CAOND107097 | 172.5 | 174.0 | 1.5 | 0.015 | | | | 2.85 |
| CAOND107098 | 174.0 | 175.5 | 1.5 | 0.013 | | | | 2.85 |
| CAOND107099 | 175.5 | 177.0 | 1.5 | 0.008 | | | | 2.87 |
| CAOND107101 | 177.0 | 178.5 | 1.5 | 0.011 | | | | 2.81 |
| CAOND107102 | 178.5 | 180.0 | 1.5 | 0.008 | | | | 2.85 |
| CAOND107103 | 180.0 | 181.5 | 1.5 | 0.015 | | | | 2.84 |
| CAOND107104 | 181.5 | 183.0 | 1.5 | 0.012 | | | | 2.83 |
| CAOND107105 | 183.0 | 184.5 | 1.5 | 0.021 | | | | 2.83 |
| CAOND107106 | 184.5 | 186.0 | 1.5 | 0.007 | | | | 2.86 |
| CAOND107107 | 186.0 | 187.5 | 1.5 | 0.018 | | | | 2.84 |
| CAOND107108 | 187.5 | 189.0 | 1.5 | 0.010 | | | | 2.87 |
| CAOND107109 | 189.0 | 190.5 | 1.5 | 0.024 | | | | 2.86 |
| CAOND107110 | 190.5 | 192.0 | 1.5 | 0.009 | | | | 2.79 |
| CAOND107111 | 192.0 | 193.0 | 1.0 | 0.011 | | | | 2.85 |
| CAOND107112 | 193.0 | 193.5 | 0.5 | 0.009 | | | | 2.79 |

**Major:** **From:** 193.50 **To:** 195.00 CNR, Core Not Recovered

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

193.50, 195.00, FOL, MOD, 35.00, -, -, -, -

193.50, 195.00, FRA, STRONG, 20.00, -, -, -, with gouge from 193m to 193.5m ; CNR down to 195

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

193.50, 195.00, QtzCbtChl, 95.00, -, -, -, -, GRY_00025, -, -, -, -, marbled, white-greyish Qtz vein interval, not sure about the width as CNR; apparently barren

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| KLUC19-546-LC1 | 193.5 | 195.0 | 1.5 | | | | | |

**Major:** **From:** 195.00 **To:** 202.20 QCVZ, Quartz Carbonate Vein Zone

Composition: White-greyish QVein interval with fragments and passages of sediment generally fragmented, QV - Qtz vein Magnetism: Non magnetic. Veinning: 85% Structure: fractured passages; fault area; fault gouges Alteration: Mineralization: not significant Lower Contact: fragmented , irregular

**STRUCTURE**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107113 | 195.0 | 196.5 | 1.5 | 0.003 | | | | 2.70 |
| CAOND107114 | 196.5 | 197.5 | 1.0 | 0.003 | | | | 2.72 |
| CAOND107116 | 197.5 | 198.3 | 0.8 | 0.009 | | | | 2.81 |

**Hole number:** KLUC19-546

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
195.00, 202.20, FOL, MOD, 35.00, -, -, -, -
197.10, 202.20, FAL, STRONG, 30.00, -, -, -, multiple gouges

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
195.00, 197.10, QtzCbtChl, 95.00, -, -, -, -, GRY_00025, -, -, -, -, marbled, white-greyish Qtz vein interval, not sure about the width as CNR; apparently barren
198.30, 202.10, QtzCbtChl, 50.00, -, -, -, -, GRY_00025, -, -, -, -, white-greyish; close to and into Fault zone

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107117 | 198.3 | 199.5 | 1.2 | 0.003 | | | | 2.75 |
| CAOND107118 | 199.5 | 200.8 | 1.3 | 0.157 | | | | 2.81 |
| CAOND107119 | 200.8 | 202.0 | 1.2 | 0.005 | | | | 2.62 |
| CAOND107121 | 202.0 | 203.2 | 1.2 | 0.008 | | | | 2.71 |

**Major:** **From:** 202.20 **To:** 278.10 S, Roches sédimentaires indéterminées

Composition: Dominantly medium dark green grey, fine grained, spotted passage between 213.8m to 219.5m; locally porphyritic passage (206.5m to 207.5m); weakly to moderate foliated/ sheared S - Sediment Magnetism: Non magnetic. Veinning: ~5% mm -cm scale Q-Ca- Chl veinning Structure: fractured passages; Fo/Sh; a couple of Gouges Alteration: weak Chl , weak to mod. sericite, ±Epi; mod Carb Mineralization: not significant; short passage with ~0.5%Py Lower Contact: Sharp and straight; oriented at 35 TCA.

**MINOR INTERVAL**
257.50 - 257.90: I2Dmp40cm thick intrusion. Medium pinkish brown fine grained matrix with 10% medium to coarse grained subangular and elongated medium bluish grey chl dominant phenocrysts. 5% mm scale irregular stringers of carbonate. Contacts and sharp but irregular; oriented at 20 and 30 TCA.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
207.50, 210.50, PYR, DIS, .50, -, -, in sheared area with moderate 1sericite alteration
222.00, 271.50, PYR, DIS, .50, -, VFG, Trace to 0.5% very fine grained disseminated PY
271.50, 273.30, PYR, DIS, 1.00, -, FGR, 1-2% fine grained disseminated PY mineralization in margins of qtz-carb veins
273.30, 274.70, PYR, DIS, 1.00, -, FGR, 1-2% fien grained dissemianted Py occuring in random clusters
274.70, 278.10, PYR, DIS, .50, -, VFG, 0.5-1% very fine grained dissemianted PY

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
207.50, 213.00, SER+, BAN, WEAK, -, -, -, to locally moderate; Epi and Chl associated
216.70, 222.00, CBT+, BAN, MOD, -, -, -, and spotted
222.00, 266.00, CBT+, PAT, MOD, -, -, -, Moderate irregular but parallel bands and stringers of carbonate alteration with random patches also
222.00, 266.00, CHL+, PEN, WEAK, -, -, -, Weak to moderate pervasive to banded chlorite alteration
234.00, 235.00, SER+, STG, MOD, -, -, -, Moderate stringer to patches sericite alteration occuring in margins of qtz-carb vein
266.00, 271.50, ANK+, PAT, MOD, -, -, -, Moderate to strong patchy to pervasive Fe-carbonate

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107122 | 203.2 | 205.0 | 1.8 | 0.006 | | | | 2.69 |
| CAOND107123 | 205.0 | 206.5 | 1.5 | 0.017 | | | | 2.83 |
| CAOND107124 | 206.5 | 208.0 | 1.5 | 0.050 | | | | 2.83 |
| CAOND107126 | 208.0 | 209.5 | 1.5 | 0.011 | | | | 2.81 |
| CAOND107127 | 209.5 | 211.0 | 1.5 | 0.011 | | | | 2.77 |
| CAOND107128 | 211.0 | 212.5 | 1.5 | 0.009 | | | | 2.76 |
| CAOND107129 | 212.5 | 214.0 | 1.5 | 0.012 | | | | 2.72 |
| CAOND107131 | 214.0 | 215.5 | 1.5 | 0.017 | | | | 2.75 |
| CAOND107132 | 215.5 | 217.0 | 1.5 | 0.014 | | | | 2.76 |
| CAOND107133 | 217.0 | 218.5 | 1.5 | 0.042 | | | | 2.81 |
| CAOND107134 | 218.5 | 220.0 | 1.5 | 0.058 | | | | 2.85 |
| CAOND107135 | 220.0 | 221.5 | 1.5 | 0.026 | | | | 2.87 |
| CAOND107136 | 221.5 | 223.0 | 1.5 | 0.038 | | | | 2.85 |
| CAOND107137 | 223.0 | 224.5 | 1.5 | 0.034 | | | | 2.86 |
| CAOND107138 | 224.5 | 226.0 | 1.5 | 2.540 | | | | 2.94 |
| CAOND107139 | 226.0 | 227.5 | 1.5 | 0.736 | | | | 2.89 |
| CAOND107140 | 227.5 | 229.0 | 1.5 | 0.013 | | | | 2.82 |
| CAOND107141 | 229.0 | 230.5 | 1.5 | 0.003 | | | | 2.83 |
| CAOND107142 | 230.5 | 232.0 | 1.5 | 0.019 | | | | 2.81 |
| CAOND107143 | 232.0 | 233.5 | 1.5 | 0.015 | | | | 2.80 |
| CAOND107144 | 233.5 | 235.0 | 1.5 | 0.006 | | | | 2.77 |
| CAOND107146 | 235.0 | 236.5 | 1.5 | 0.016 | | | | 2.78 |
| CAOND107147 | 236.5 | 238.0 | 1.5 | 0.005 | | | | 2.79 |

**Hole number:** KLUC19-546

alteration; strained blue
266.00, 271.50, SER+, PEN, STRONG, -, -, -, Moderate to strong pervasive yellowish green sericite alteration
271.50, 275.00, CBT+, PAT, WEAK, -, -, -, Weak to moderate irregular patches of carb alteration
271.50, 275.00, CHL+, PEN, WEAK, -, -, -, Weak to moderate pervasive to banded chlorite alteration
271.50, 275.00, SER+, PAT, WEAK, -, -, -, Weak patches to stringers of sericite alteration
275.00, 278.10, ANK+, PAT, MOD, -, -, -, Moderate to strong patches of Fe-carb alteration; stained blue
275.00, 278.10, SER+, PEN, STRONG, -, -, -, Moderate to strong stringers, bands and patches to pervasive sericite alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
202.20, 222.00, FOL, MOD, 35.00, -, -, -, -
202.20, 205.00, FAL, STRONG, 30.00, -, -, -, multiple gouges
205.00, 214.50, FRA, MOD, 50.00, -, -, -, to strong and possible small gouges
207.50, 212.70, SHR, WEAK, 30.00, -, -, -, to moderate; a couple of thin Gouges along interval
222.00, 266.00, DFZ, MOD, -, -, -, -, Moderate deformation throughout dominantly chaotic but locally parallel between 30 - 40 TCA
227.00, 234.00, FOL, WEAK, 30.00, -, -, -, Weak preferential alignment at 30 TCA
234.00, 238.00, FOL, WEAK, 10.00, -, -, -, Weak preferential alignment at 10 TCA
238.00, 266.00, FOL, WEAK, 30.00, -, -, -, Weak to moderate preferential alignment at 30 TCA
239.00, 241.00, BRR, MOD, -, -, -, -, Moderate broken/fractured core into angule 2-5cm thick pieces
248.00, 262.00, BRR, WEAK, -, -, -, -, Weak broken/fractured core occuring over 10-30cm thick intervals with angular pieces 3-5cm thick
266.00, 271.50, DFZ, MOD, -, -, -, -, Moderate to strong parallel deformation
266.00, 271.50, FOL, MOD, 20.00, -, -, -, Moderate to strong preferential alignment at 20 TCA
270.80, 271.20, BRR, STRONG, -, -, -, -, Moderately broken core and debris with minor mud; possibly fault zone?
270.80, 271.20, FAL, WEAK, -, -, -, -, Moderately broken core and debris with minor mud; possibly fault zone?
271.50, 275.00, DFZ, WEAK, -, -, -, -, -
271.50, 275.00, FOL, WEAK, -, -, -, -, Weak preferential alignment
275.00, 278.10, DFZ, MOD, -, -, -, -, Moderate to strong preferential alignmnet
275.00, 278.10, FOL, MOD, 30.00, -, -, -, Moderate to strong foliation oriented at 30 TCA

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
207.50, 211.50, QtzCbtChl, 5.00, -, -, -, -, GRY2_BASIC, -, -, -, -, mm to cm Qtz dominant -Ca-Chl veins+ Sericite
221.00, 227.00, QtzCbt, 10.00, -, -, -, -, GRY_00025, -, -, -, -, 10-15% irregular and chaotic qtz-carb veinning crosscutting deformation

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107148 | 238.0 | 239.0 | 1.0 | 0.003 | | | | 2.84 |
| CAOND107149 | 239.0 | 240.5 | 1.5 | 0.050 | | | | 2.83 |
| CAOND107151 | 240.5 | 242.0 | 1.5 | 0.038 | | | | 2.83 |
| CAOND107152 | 242.0 | 243.5 | 1.5 | 0.054 | | | | 2.85 |
| CAOND107153 | 243.5 | 245.0 | 1.5 | 0.048 | | | | 2.87 |
| CAOND107154 | 245.0 | 246.5 | 1.5 | 0.060 | | | | 2.80 |
| CAOND107155 | 246.5 | 248.0 | 1.5 | 0.049 | | | | 2.77 |
| CAOND107156 | 248.0 | 249.5 | 1.5 | 0.058 | | | | 2.77 |
| CAOND107157 | 249.5 | 251.0 | 1.5 | 0.028 | | | | 2.71 |
| CAOND107158 | 251.0 | 252.5 | 1.5 | 0.041 | | | | 2.76 |
| CAOND107159 | 252.5 | 254.0 | 1.5 | 0.061 | | | | 2.77 |
| CAOND107161 | 254.0 | 255.5 | 1.5 | 0.034 | | | | 2.80 |
| CAOND107162 | 255.5 | 256.5 | 1.0 | 0.132 | | | | 2.81 |
| CAOND107163 | 256.5 | 257.5 | 1.0 | 0.085 | | | | 2.79 |
| CAOND107164 | 257.5 | 258.0 | 0.5 | 0.056 | | | | 2.76 |
| CAOND107165 | 258.0 | 259.5 | 1.5 | 0.053 | | | | 2.84 |
| CAOND107166 | 259.5 | 261.0 | 1.5 | 0.052 | | | | 2.80 |
| CAOND107167 | 261.0 | 262.5 | 1.5 | 0.049 | | | | 2.82 |
| CAOND107168 | 262.5 | 264.0 | 1.5 | 0.025 | | | | 2.86 |
| CAOND107169 | 264.0 | 265.0 | 1.0 | 0.029 | | | | 2.86 |
| CAOND107171 | 265.0 | 266.0 | 1.0 | 0.063 | | | | 2.84 |
| CAOND107172 | 266.0 | 267.5 | 1.5 | 0.014 | | | | 2.79 |
| CAOND107173 | 267.5 | 269.0 | 1.5 | 0.010 | | | | 2.78 |
| CAOND107174 | 269.0 | 270.5 | 1.5 | 0.009 | | | | 2.76 |
| CAOND107176 | 270.5 | 271.3 | 0.8 | 0.013 | | | | 2.65 |
| CAOND107177 | 271.3 | 272.4 | 1.1 | 0.012 | | | | 2.76 |
| CAOND107178 | 272.4 | 273.2 | 0.8 | 0.018 | | | | 2.77 |
| CAOND107179 | 273.2 | 274.5 | 1.3 | 0.087 | | | | 2.84 |
| CAOND107181 | 274.5 | 276.0 | 1.5 | 0.019 | | | | 2.80 |
| CAOND107182 | 276.0 | 277.0 | 1.0 | 0.008 | | | | 2.77 |
| CAOND107183 | 277.0 | 278.1 | 1.1 | 0.010 | | | | 2.77 |

**Hole number:** KLUC19-546

234.00, 235.00, QtzCbt, 5.00, -, -, -, -, GRY_00025, -, -, -, -, 1x 1cm thick irregular qtz carb vein parallel to core and foliation 1x 5cm thick irregular qtz-carb vein
271.50, 273.30, QtzCbt, 20.00, -, -, -, -, GRY_00025, -, -, PYR, 1.00, 20% irregular and chaotic qtz-carb veinning, 1-2% fgr. diss. Py in margins
275.00, 278.10, QtzCbt, 2.00, -, -, -, -, -, -, -, -, -, 2% irregular and chaotic 1-2cm thick qtz-carb veins

**Major:** **From:** 278.10 **To:** 290.70 I2Dp, Porphyritic Syenite

Composition: Medium grey with yellowish green and reddish brown, medium grained and massive to phenocryst dominated porphyry intrusion; I2Dp - Syenite porphyry. Magnetism: Non magnetic. Veinning: 1% random mm scale Fe-carb veinning. Structure: Dominantly undeformed with rare faintly visible preferential alignment at 30-40 TCA. Alteration: Moderate pervasive Se alteration. Mineralization: 2-3% very fine grained disseminated Py mineralization. Lower Contact: Gradational? Contact position is unclear. Contact is placed immediately after intense SE alt. seds unit due to observed large leucite crystals immediately after seds unit.

**MINOR INTERVAL**

290.40 - 290.60: S20cm thick interval of strong to intensely sericite altered and strongly sheared interval of sediment.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
278.10, 290.70, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained disseminated Py

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
278.10, 290.70, SER+, PEN, MOD, -, -, -, Moderate pervasive to patchy sericite alteration
288.00, 290.70, HEM+, PEN, WEAK, -, -, -, Weak to moderate pervasive hem?
290.40, 290.70, SER+, PEN, STRONG, -, -, -, Strong to intense Se alt in minor seds unit

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
290.40, 290.70, DFZ, MOD, 30.00, -, -, -, Moderate to strong parallel deformation, strong in minor sed units
290.40, 290.70, FOL, MOD, 30.00, -, -, -, Moderate parallel deformation

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
278.10, 286.00, ANK, 1.00, -, -, -, -, GRY_00025, -, -, -, -, 1% mm scale irregular and random Fe-carb veinlets
287.00, 290.00, QtzCbt, 2.00, -, -, -, -, -, -, -, -, -, 2% mm scale qtz carb veinlets, somewhat parallel to one another at 80-90 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107184 | 278.1 | 279.5 | 1.4 | 0.020 | | | | 2.75 |
| CAOND107185 | 279.5 | 281.0 | 1.5 | 0.069 | | | | 2.75 |
| CAOND107186 | 281.0 | 282.5 | 1.5 | 0.082 | | | | 2.75 |
| CAOND107187 | 282.5 | 284.0 | 1.5 | 0.229 | | | | 2.72 |
| CAOND107188 | 284.0 | 285.5 | 1.5 | 0.116 | | | | 2.73 |
| CAOND107189 | 285.5 | 287.0 | 1.5 | 0.077 | | | | 2.73 |
| CAOND107191 | 287.0 | 288.0 | 1.0 | 0.143 | | | | 2.71 |
| CAOND107192 | 288.0 | 289.0 | 1.0 | 0.235 | | | | 2.73 |
| CAOND107193 | 289.0 | 290.0 | 1.0 | 0.262 | | | | 2.72 |
| CAOND107194 | 290.0 | 290.7 | 0.7 | 0.384 | | | | 2.72 |

## Hole number: KLUC19-546

**Major:** **From:** 290.70 **To:** 326.50 FPs, Spotted Feldspar Porphyry

White spotted porphyry Composition: Medium reddish to orangish brown colour with minor dark green to dark bluish grey, pink and white, porphyritic texture, dominantly coarse grained rounded to subrounded leucite? crystals with minor intervals dominated by elongated and discontinous chlorite lenses; FPs - Feldspar spotted porphyry. Magnetism: None magnetic. Veinning: 0.5-1% mm scale chaotic and random Fe-carb veinning. Structure: Moderate parallel deformation oriented at 30 TCA. Alteration: Moderate to strong pervasive hem alteration and local strong chl alteration occuring as phenocrysts or spots and locally in matrix. Mineralization: 1-3% very fine grained disseminated PY. Lower Contact: Sharp and intruded by a 10cm thick qtz vein.

**MINOR INTERVAL**

292.30 - 292.60: S30cm thick interval of strongly sheared sediment with strong parallel lenses of Fe-carb alteration.

**MINOR INTERVAL**

292.60 - 294.10: V8Medium purplish brown, massive with local moderate parallel deformation at 30 TCA. Possibly minor unit of a non porphyritic intrusion or alkaline unit? Does not appear to have large leucite phenocrysts.

**MINOR INTERVAL**

297.50 - 304.00: IMedium pinkish to orangish brown fine grained matrix with random medium to coarse grained elongated, flattened and parallel whispy chlorite phenocrysts? No clear contacts. Possibly different unit from adjacant white spotted porphyry because there are no longer large rounded leucite observed.

**MINOR INTERVAL**

315.10 - 315.20: grvl10cm thick interval of gravel sized, rounded and grinded debris of sediment and qtz vein from somewhere further up the hole.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

290.70, 302.00, PYR, DIS, 1.00, -, VFG, 1% very fine grained disseminated PY
302.00, 309.00, PYR, DIS, .50, -, VFG, 0.5% very fine grained dissemianted PY
309.00, 313.00, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated PY
313.00, 316.00, PYR, DIS, .50, -, VFG, 0.5% very fine grained dissemianted PY
316.00, 326.50, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated PY

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

290.70, 326.50, CBT+, PAT, WEAK, -, -, -, Weak to locally moderate pervasive Fe-carb alteration
290.70, 326.50, HEM+, PEN, MOD, -, -, -, Moderate pervasive hem? reddish alteration
295.50, 296.50, CHL+, WIS, WEAK, -, -, -, 3% elongated and flatted random strongly chl altered phenocrysts
296.50, 297.50, CHL+, PEN, MOD, -, -, -, Moderate chlorite alteration occuring in matrix between large leucite phenocrysts
297.50, 304.00, CHL+, WIS, MOD, -, -, -, 10-15% elongated, flattened and parallel, random strongly chl altered phenocrysts?

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107195 | 290.7 | 292.0 | 1.3 | 0.241 | | | | 2.75 |
| CAOND107196 | 292.0 | 292.6 | 0.6 | 0.756 | | | | 2.79 |
| CAOND107197 | 292.6 | 294.1 | 1.5 | 0.624 | | | | 2.74 |
| CAOND107198 | 294.1 | 295.5 | 1.4 | 1.845 | | | | 2.72 |
| CAOND107199 | 295.5 | 297.0 | 1.5 | 0.127 | | | | 2.76 |
| CAOND107201 | 297.0 | 298.5 | 1.5 | 0.125 | | | | 2.77 |
| CAOND107202 | 298.5 | 300.0 | 1.5 | 0.111 | | | | 2.77 |
| CAOND107203 | 300.0 | 301.5 | 1.5 | 0.044 | | | | 2.76 |
| CAOND107204 | 301.5 | 302.5 | 1.0 | 0.049 | | | | 2.86 |
| CAOND107205 | 302.5 | 303.5 | 1.0 | 0.060 | | | | 2.79 |
| CAOND107206 | 303.5 | 305.0 | 1.5 | 0.084 | | | | 2.77 |
| CAOND107207 | 305.0 | 306.5 | 1.5 | 0.093 | | | | 2.78 |
| CAOND107208 | 306.5 | 308.0 | 1.5 | 0.102 | | | | 2.78 |
| CAOND107209 | 308.0 | 309.5 | 1.5 | 0.153 | | | | 2.75 |
| CAOND107210 | 309.5 | 311.0 | 1.5 | 0.145 | | | | 2.73 |
| CAOND107211 | 311.0 | 312.5 | 1.5 | 0.094 | | | | 2.72 |
| CAOND107212 | 312.5 | 314.0 | 1.5 | 0.061 | | | | 2.73 |
| CAOND107213 | 314.0 | 315.5 | 1.5 | 0.239 | | | | 2.76 |
| CAOND107214 | 315.5 | 317.0 | 1.5 | 0.254 | | | | 2.73 |
| CAOND107216 | 317.0 | 318.5 | 1.5 | 0.070 | | | | 2.74 |
| CAOND107217 | 318.5 | 320.0 | 1.5 | 0.115 | | | | 2.75 |
| CAOND107218 | 320.0 | 321.5 | 1.5 | 0.215 | | | | 2.76 |
| CAOND107219 | 321.5 | 323.0 | 1.5 | 0.151 | | | | 2.76 |
| CAOND107221 | 323.0 | 324.5 | 1.5 | 0.171 | | | | 2.77 |
| CAOND107222 | 324.5 | 325.5 | 1.0 | 0.245 | | | | 2.76 |
| CAOND107223 | 325.5 | 326.5 | 1.0 | 0.059 | | | | 2.75 |

307.00, 308.70, CHL+, WIS, WEAK, -, -, -, -
323.00, 326.50, CHL+, WIS, MOD, -, -, -, Moderate chlorite alteration occuring as parallel random whisps

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
290.70, 293.50, DFZ, MOD, 30.00, -, -, -, Moderate to strong parallel deformation, strong in minor sed units
290.70, 293.50, FOL, MOD, 30.00, -, -, -, Moderate parallel deformation
293.50, 295.50, DFZ, WEAK, -, -, -, -, -
293.50, 295.50, FOL, WEAK, 30.00, -, -, -, Weak preferential alignment
295.50, 304.00, DFZ, MOD, 30.00, -, -, -, Moderate parallel deformation defined by the alignment of elongated and whispy chlorite
295.50, 304.00, FOL, MOD, 30.00, -, -, -, Moderate foliation at 30 TCA, defined by the alignment of elongated and whispy chlorite
304.00, 307.00, DFZ, WEAK, -, -, -, -, -
307.00, 308.70, DFZ, MOD, 40.00, -, -, -, -
307.00, 308.70, FOL, MOD, 40.00, -, -, -, Moderate parallel deformation at 40 TCA
308.70, 326.50, DFZ, WEAK, -, -, -, -, -
308.70, 326.50, FOL, WEAK, -, -, -, -, -

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
294.00, 295.50, ANK, 3.00, -, -, -, -, GRY_00025, -, -, -, -, 3% mm scale chaotic and irregular Fe-carb veinlets
302.90, 303.00, ANK, 10.00, -, -, -, -, GRY_00025, -, -, CPY, .50, 1cm thick Fe-carb vein with 0.5% random cluster of Cp in the vein
311.50, 312.00, QtzCbt, 1.00, -, -, -, -, GRY_00025, -, -, -, -, 1% mm up to 1cm thick qtz-carb veinning
316.00, 317.00, ANK, 1.00, -, -, -, -, GRY_00025, -, DSN, -, -, 1% mm scale fracture filling Fe-carb veinlets
322.00, 326.50, ANK, 2.00, -, -, -, -, GRY_00025, -, -, -, -, 1-2% mm scale Fe-carb and qtz-fe carb veinlets, dominantly parallel to one another at 90 TCA

**Major:** **From:** 326.50 **To:** 337.40 I2Dmp, Syenite mafic porphyryitic

Amp (alt to Chl), Qtz and Fspar porphyry intrusive. Composition: Dominantly medium to dark red to brownish, fine grained and massive matrix with 3-5% medium grained, angular amphibole phenocrysts dominantly altered to Chl and 5-10% medium grained feldspar and qtz phenocrysts, porphyritic texture; I2Dmp - Syenite mafic poprhyry. Magnetism: Moderate to strongly magnetic. Veinning: 1x 10cm thick qtz vein at upper contact and 1-2% fracture filling and discontinuous qtz-carb and Fe-carb veinlets. Structure: Undeformed with local weak preferential alignment of chl. Alteration: Moderate to strong pervasive hem alteration and moderate chl alteration in phenocrysts. Mineralization: 0.1-0.5% very fine grained disseminated Py locally up to 1%, 0.5% chalcopyrite randomly occuring in veins. Lower

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107224 | 326.5 | 328.0 | 1.5 | 0.007 | | | | 2.75 |
| CAOND107226 | 328.0 | 329.5 | 1.5 | 0.030 | | | | 2.74 |
| CAOND107227 | 329.5 | 331.0 | 1.5 | 0.019 | | | | 2.75 |
| CAOND107228 | 331.0 | 332.5 | 1.5 | 0.065 | | | | 2.77 |
| CAOND107229 | 332.5 | 334.0 | 1.5 | 0.074 | | | | 2.75 |
| CAOND107231 | 334.0 | 335.5 | 1.5 | 0.029 | | | | 2.74 |

**Hole number:** KLUC19-546

Contact: Irregular and overprinted by alteration. Faintly visible. Contact placed where large leucite crystals suddenly observed.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

326.50, 337.40, CPY, SPO, .50, -, FGR, 0.5% chalcopyrite occuring in veinning
326.50, 337.40, PYR, DIS, .50, -, VFG, 0.5% very fine grained dissemianted PY

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

326.50, 337.40, CBT+, SPO, WEAK, -, -, -, Weak to moderate spotted Fe-carb alteration
326.50, 337.40, CHL+, WIS, MOD, -, -, -, Moderate chlorite alteration occuring in phenocrysts
326.50, 337.40, HEM+, PEN, MOD, -, -, -, Moderate to strong pervasive hem alteration

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

326.50, 326.60, QTZ, 90.00, -, -, -, -, -, -, -, CPY, .50, 10cm thick qtz vein with 10-20% angular shards of host rock, 0.5% random CP in vein
326.60, 337.40, CBT, 1.00, -, -, -, -, -, -, -, CPY, .50, 1-2% fracture filling qtz-carb and Fe-carb veinning with local random spots of Cp

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107232 | 335.5 | 336.5 | 1.0 | 0.017 | | | | 2.74 |
| CAOND107233 | 336.5 | 337.4 | 0.9 | 0.103 | | | | 2.75 |

**Major:** **From:** 337.40 **To:** 356.20 FPs, Spotted Feldspar Porphyry

White spotted porphyry Composition: Medium bluish grey, pinkish grey and greenish grey, porphyritic texture, dominantly coarse grained rounded to subrounded leucite? crystals with minor intervals with medium to corase grained elongated and discontinous chlorite lenses; FPs - Feldspar spotted porphyry. Magnetism: None magnetic. Veinning: 1-2% mm scale, fracture filling chaotic and random Fe-carb veinning. Structure: Weak to moderate parallel deformation oriented at 30 TCA, but not pervsive. Local intervals that are undeformed. Alteration: Weak to locally moderate pervasive hem/kspar alteration, moderate chl alteration occuring as whispy phenocrysts and locally in matrix, and weak spotted Fe-carb alteration. Mineralization: 0.5-2% very fine grained disseminated PY. Lower Contact: Sharp and irregular, trending at 10 TCA.

**MINOR INTERVAL**

353.00 - 355.00: IMedium pinkish to orangish and beige, fine grained matrix with random medium to coarse grained elongated, flattened and parallel whispy chlorite phenocrysts? No clear contacts. Possibly different unit from adjacant white spotted porphyry because there are no longer large rounded leucite observed and it is dominated by the chl alt. phenos

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

337.40, 356.20, PYR, DIS, 1.00, -, VFG, 1% very fine grained dissemianted Py, local intervals down to 0.5% and up to 2% PY
342.90, 343.30, CPY, MAS, 15.00, -, -, 15% massive chalcopyrite occuring in a Qtz-carb vein
342.90, 343.30, GAL, SPO, 1.00, -, -, 0.5-1% spotted galena associated with Cp in a qtz-carb vein

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107234 | 337.4 | 338.5 | 1.1 | 0.057 | | | | 2.74 |
| CAOND107235 | 338.5 | 340.0 | 1.5 | 0.054 | | | | 2.73 |
| CAOND107236 | 340.0 | 341.5 | 1.5 | 0.082 | | | | 2.74 |
| CAOND107237 | 341.5 | 342.8 | 1.3 | 0.172 | | | | 2.72 |
| CAOND107238 | 342.8 | 343.5 | 0.7 | 74.500 | | | | 3.07 |
| CAOND107239 | 343.5 | 345.0 | 1.5 | 0.318 | | | | 2.76 |
| CAOND107240 | 345.0 | 346.5 | 1.5 | 0.288 | | | | 2.75 |
| CAOND107241 | 346.5 | 348.0 | 1.5 | 0.099 | | | | 2.76 |
| CAOND107242 | 348.0 | 349.5 | 1.5 | 0.085 | | | | 2.76 |
| CAOND107243 | 349.5 | 350.5 | 1.0 | 0.091 | | | | 2.70 |
| CAOND107244 | 350.5 | 352.0 | 1.5 | 0.076 | | | | 2.73 |
| CAOND107246 | 352.0 | 353.5 | 1.5 | 0.050 | | | | 2.75 |
| CAOND107247 | 353.5 | 355.0 | 1.5 | 0.044 | | | | 2.75 |
| CAOND107248 | 355.0 | 356.2 | 1.2 | 0.039 | | | | 2.73 |

**Hole number:** KLUC19-546

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
337.40, 344.00, KFS+, PEN, MOD, -, -, -, Moderate pervasive kspar/hem alteration, pinkish
337.40, 353.00, CHL+, PAT, WEAK, -, -, -, Weak to moderate chl alteration occuring in matrix
337.40, 356.20, ANK+, SPO, WEAK, -, -, -, Weak spotted Fe-carb alteration
353.00, 355.00, CHL+, WIS, MOD, -, -, -, Moderate chlorite alteration occuring as whispy and spotted, altered amp pheno?

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
337.40, 344.00, DFZ, WEAK, -, -, -, -, -
337.40, 344.00, FOL, WEAK, -, -, -, -, -
344.00, 345.00, DFZ, MOD, 40.00, -, -, -, Moderate parallel deformation at 40 TCA
344.00, 345.00, FOL, MOD, 40.00, -, -, -, Moderate parallel deformation at 40 TCA
345.00, 356.20, DFZ, WEAK, -, -, -, -, -
345.00, 356.20, FOL, WEAK, -, -, -, -, -

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
337.40, 342.90, CBT, 2.00, -, -, -, -, -, -, -, -, -, 2% Fe-carb and with minor qtz-carb veinning. Dominantly mm scale fracture filling with 3x veins 1-2cm thick oriented at 30 TCA and crosscutting deformation
342.90, 343.30, CPY, 20.00, -, -, -, -, -, -, -, CPY, 40.00, Qtz-carb vein trending at 0-10 TCA over 30cm with 40% massive chalcopyrite and 0.5-1% galena
343.30, 344.10, CBT, 2.00, -, -, -, -, -, -, -, -, -, 2% mm scale chaotic fracture filling Fe-carbonate veinning with minor qtz-carb
345.50, 346.00, CBT, 1.00, -, -, -, -, -, -, -, -, -, 1% fracture filling Fe-carb veinlets
349.80, 351.00, CBT, 2.00, -, -, -, -, -, -, -, -, -, 2% fracture filling Fe-carb veinlets

**Major:** **From:** 356.20 **To:** 361.10 S, Roches sédimentaires indéterminées

Composition: Medium reddish brown, fine grained, massive and homogeneous; S - sediment Magnetism: None magnetic. Veinning: 1% mm scale microfracture filling qtz-carb veinlets. Structure: Weak whsipy, discontinous and parallel microfractures throughout. Alteration: Moderate pervasive hem alteration? Mineralization: 1% very fine grained disseminated Py. Lower Contact: Sharp and relatively straight oriented at 10 TCA.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
356.20, 361.10, PYR, DIS, 1.00, -, VFG, 1% very fine grained disseminated PY

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
356.20, 359.00, HEM+, PEN, MOD, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107249 | 356.2 | 357.5 | 1.3 | 0.028 | | | | 2.73 |
| CAOND107251 | 357.5 | 359.0 | 1.5 | 0.040 | | | | 2.73 |
| CAOND107252 | 359.0 | 360.0 | 1.0 | 0.061 | | | | 2.73 |
| CAOND107253 | 360.0 | 361.2 | 1.2 | 0.101 | | | | 2.74 |

359.00, 361.10, SIC+, PEN, WEAK, -, -, -, -

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
356.20, 361.10, FRA, WEAK, -, -, -, -, Weak whispy, discontinuous and parallel microfractures

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
356.20, 361.10, CBT, 1.00, -, -, -, -, -, -, -, -, 1% irregular mm scale microfracture filled carb veinlets

**Major: From:** 361.10 **To:** 363.90 FPs, Spotted Feldspar Porphyry

White spotted porpyry intrusive? Composition: Dominantly medium pinkish grey with local patches of reddish and elongated spots of medium bluish grey. Appears to be a strongly altered white spotted poprhyry intrusive due to the faintly visible rounded coarse grained phenocrysts but there are also equal amounts of elongated chl altered phenocrysts. Could also be classified as an altered I2Dmp?; FPs - Spotted Feldspar Porphyry. Magnetism: None magnetic. Veinning: 0.5% irregular and random fracture filling carb veins. Structure: Weak parallel deformation at 40 TCA. Alteration: Weak spotted Fe-carb alteration and moderate Chl occuring as whispy spots. Mineralization: 1% very fine grained dissemianted PY. Lower Contact: Sharp and straight; oriented at 50 TCA.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
361.10, 363.90, PYR, DIS, 1.00, -, VFG, 1% very fine grained disseminated PY

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
361.10, 363.90, CBT+, SPO, WEAK, -, -, -, -
361.10, 363.90, CHL+, WIS, MOD, -, -, -, Moderate whsipy and spotted Chl alteration occuring in phenocrysts

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
361.10, 363.90, DFZ, WEAK, -, -, -, -, -
361.10, 363.90, FOL, WEAK, 40.00, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107254 | 361.2 | 362.5 | 1.3 | 0.146 | | | | 2.74 |
| CAOND107255 | 362.5 | 363.9 | 1.4 | 0.079 | | | | 2.76 |

**Major: From:** 363.90 **To:** 365.80 S, Roches sédimentaires indéterminées

Composition: Medium purplish grey, fine grained, massive and homogeneous; S - sediment. Magnetism: None magnetic. Veinning: 0.5% mm scale microfracture filling carb veinlets. Structure: Weak whsipy, discontinous and parallel microfractures throughout. Alteration: Weak pervasive carbonate alteration, locally stains blue. Mineralization: 0.5-1% very fine grained disseminated Py. Lower Contact: Sharp and relatively straight oriented at 50 TCA.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107256 | 363.9 | 364.8 | 0.9 | 0.125 | | | | 2.74 |
| CAOND107257 | 364.8 | 365.8 | 1.0 | 0.033 | | | | 2.74 |

**Hole number:** KLUC19-546

363.90, 365.80, PYR, DIS, .50, -, VFG, 0.5% very fine grained dissemianted PY

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
363.90, 365.80, CBT+, PEN, WEAK, -, -, -, -

**Major:** **From:** 365.80 **To:** 382.80 FPs, Spotted Feldspar Porphyry

White spotted porpyry intrusive? Composition: Dominantly medium pinkish grey with local spotted beige, elongated spots of medium bluish grey and patches of purplish pink. Appears to be a strongly altered white spotted poprhyry intrusive due to the faintly visible rounded coarse grained phenocrysts but there are also equal amounts of elongated chl altered phenocrysts. Could also be classified as an altered I2Dmp?; FPs - Spotted Feldspar Porphyry. Magnetism: None magnetic. Veinning: 0.5% irregular and random fracture filling carb veins. Structure: Weak parallel deformation at 40 TCA. Alteration: Weak spotted Fe-carb alteration, moderate Chl occuring as whispy spots and moderate patchy hem alteration towards lower contact. Mineralization: 0.5-1% very fine grained disseminated PY. Lower Contact: Sharp and slightly irregular; oriented at 40 TCA.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
365.80, 382.80, PYR, DIS, 1.00, -, VFG, 0.5-1% very fine grained dissemianted PY

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
365.80, 382.80, CBT+, SPO, WEAK, -, -, -, -
365.80, 382.80, CHL+, WIS, MOD, -, -, -, Moderate spotted to whispy bluish grey chl alteration, altered phenocrysts?
380.00, 382.80, HEM+, PAT, MOD, -, -, -, Moderate patchy hem alteration, occuring in parallel bands

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
365.80, 382.80, DFZ, WEAK, -, -, -, -, Weak parallel deformation locally moderate
365.80, 382.80, FOL, WEAK, 40.00, -, -, -, Weak to locally moderate foliation at 40 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107258 | 365.8 | 367.0 | 1.2 | 0.033 | | | | 2.76 |
| CAOND107259 | 367.0 | 368.5 | 1.5 | 0.045 | | | | 2.76 |
| CAOND107261 | 368.5 | 370.0 | 1.5 | 0.048 | | | | 2.76 |
| CAOND107262 | 370.0 | 371.5 | 1.5 | 0.030 | | | | 2.77 |
| CAOND107263 | 371.5 | 373.0 | 1.5 | 0.023 | | | | 2.77 |
| CAOND107264 | 373.0 | 374.5 | 1.5 | 0.024 | | | | 2.77 |
| CAOND107265 | 374.5 | 376.0 | 1.5 | 0.020 | | | | 2.77 |
| CAOND107266 | 376.0 | 377.5 | 1.5 | 0.015 | | | | 2.77 |
| CAOND107267 | 377.5 | 379.0 | 1.5 | 0.012 | | | | 2.78 |
| CAOND107268 | 379.0 | 380.5 | 1.5 | 0.021 | | | | 2.75 |
| CAOND107269 | 380.5 | 382.0 | 1.5 | 0.023 | | | | 2.75 |
| CAOND107271 | 382.0 | 382.8 | 0.8 | 0.028 | | | | 2.77 |

**Major:** **From:** 382.80 **To:** 384.20 V8, Trachyte

Alkaline unit 2 - Tony the tiger (banded tuffaceous with red spots) Composition: Banded medium and dark grey with 3-5% medium grained rounded spots (beige with minor pink), tuffaceous banded texture; V8 - Trachyte. Magnetism: Strongly magnetic. Veinning: 0.5% microfracture filling carb veinlets. Structure: Weak parallel deformation oriented at 40 TCA. Alteration: Moderate pervasive Fe-carb alteration. Mineralization: 0.1-0.5% disseminated Py. Lower Contact: Sharp and oriented at 90 TCA.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
382.80, 384.20, PYR, DIS, .50, -, VFG, -

**ALTERATION**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107272 | 382.8 | 384.2 | 1.4 | 0.021 | | | | 2.88 |

**Hole number:** KLUC19-546

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
382.80, 384.20, ANK+, PEN, MOD, -, -, -, -

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
382.80, 384.20, DFZ, WEAK, -, -, -, -, -
382.80, 384.20, FOL, WEAK, 40.00, -, -, -, -

**Major: From:** 384.20 **To:** 386.80 FPs, Spotted Feldspar Porphyry

Hem alt. White spotted porphyry. Composition: Medium to dark red with minor medium greenish grey patches, coarse grained gradually changing to medium grained, weakly porphyritic texture; FPs - Feldspar spotted porphyry. Magnetism: Weakly magnetic. Veinning: 0.5% mm scale qtz-carb veinlets. Structure: Weak parallel deformation. Alteration: Strong pervasive hem alteration. Mineralization: 0.5-1% very fine grained disseminated PY. Lower Contact: Overprinted by alteration and unclear.

**MINOR INTERVAL**
384.20 - 385.00: grvl20cm thick interval of rounded chunks 2-5cm in size material composed of qtz veins and Se alt sediments that came from further up the hole.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
384.20, 386.80, PYR, DIS, .50, -, VFG, 0.5-1% very fine grained dissemianted PY

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
384.20, 386.80, HEM+, PEN, STRONG, -, -, -, -

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
384.20, 386.80, CBT, .50, -, -, -, -, -, -, -, -, -, 0.5% mm scale fracture fillling carb veinlets

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107273 | 384.2 | 385.5 | 1.3 | 0.021 | | | | 2.69 |
| CAOND107274 | 385.5 | 386.7 | 1.2 | 0.027 | | | | 2.73 |
| CAOND107276 | 386.7 | 388.0 | 1.3 | 0.019 | | | | 2.86 |

**Major: From:** 386.80 **To:** 407.60 V8, Trachyte

Alkaline unit 2 - Tony the tiger (banded tuffaceous with red and white spots) Composition: Banded and alternating medium and dark grey with minor medium pinkish grey locally, 3-5% randomly distributed medium grained rounded spots (beige and pink colour), tuffaceous and banded texture; V8 - Trachyte. Magnetism: Strongly magnetic. Veinning: 5% microfracture filling carb veinlets over 6-7m at upper contact with 2x 2-4cm thick veins. Structure: Moderate parallel deformation oriented at 40 TCA. Alteration: Moderate patchy to banded Fe-carb alteration towards upper contact. Mineralization: 0.5-1% very fine grained disseminated Py, only locally. Lower Contact: Sharp and irregular.

**TEXTURE**
TYPE/COLOR/GRAIN_SIZE/COMMENTS
386.80, 407.60, TFS, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107277 | 388.0 | 389.5 | 1.5 | 0.031 | | | | 2.86 |
| CAOND107278 | 389.5 | 391.0 | 1.5 | 0.044 | | | | 2.86 |
| CAOND107279 | 391.0 | 392.0 | 1.0 | 0.023 | | | | 2.86 |
| CAOND107281 | 392.0 | 393.5 | 1.5 | 0.261 | | | | |
| CAOND107282 | 393.5 | 395.0 | 1.5 | 0.034 | | | | 2.84 |
| CAOND107283 | 395.0 | 396.5 | 1.5 | 0.041 | | | | 2.81 |
| CAOND107284 | 396.5 | 398.0 | 1.5 | 0.010 | | | | 2.85 |
| CAOND107285 | 398.0 | 399.5 | 1.5 | 0.030 | | | | 2.82 |

**Hole number:** KLUC19-546

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
386.80, 403.00, PYR, DIS, .50, -, VFG, 0.5-1% very fine grained dissemianted PY
403.00, 403.20, PYR, DIS, 3.00, -, VFG, 3% very fine grained dissemianted PY clustered in margins of carb vein

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
386.80, 396.00, ANK+, BAN, MOD, -, -, -, Moderate Fe-carb alteration occuring as parallel bands
396.00, 407.60, CAL+, SPO, MOD, -, -, -, Moderate spotted and stringers of calcite alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
386.80, 407.60, DFZ, MOD, 40.00, -, -, -, Moderate parallel deformation
386.80, 407.60, FOL, MOD, 40.00, -, -, -, Moderate foliation at 40 TCA defined by the alignment of alternating tuffaceous layers and spots

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
386.80, 388.00, CBT, .50, -, -, -, -, -, -, -, -, -, 0.5% mm scale fracture fillling carb veinlets
389.00, 392.00, CBT, 1.00, -, -, -, -, -, -, -, -, -, 1% mm scale, irregular, fracture fillling carb veinlets
392.00, 393.50, CBT, 3.00, -, -, -, -, -, -, -, -, -, 3% mm scale, irregular, fracture fillling carb veinlets with 2x 2cm thick veins
403.00, 403.20, CBT, 30.00, -, -, -, -, -, -, -, PYR, 3.00, irregular white carbonate veins ~4cm thick clustered in a 15cm thick interval with 3% very fine grained Py clustered at contacts of vein

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107286 | 399.5 | 401.0 | 1.5 | 0.003 | | | | 2.85 |
| CAOND107287 | 401.0 | 402.0 | 1.0 | 0.011 | | | | 2.86 |
| CAOND107288 | 402.0 | 402.8 | 0.8 | 0.019 | | | | 2.86 |
| CAOND107289 | 402.8 | 403.3 | 0.5 | 0.618 | | | | 2.85 |
| CAOND107291 | 403.3 | 404.5 | 1.2 | 0.009 | | | | 2.84 |
| CAOND107292 | 404.5 | 406.0 | 1.5 | 0.219 | | | | 2.85 |
| CAOND107293 | 406.0 | 407.0 | 1.0 | 0.007 | | | | 2.86 |
| CAOND107294 | 407.0 | 407.6 | 0.6 | 0.048 | | | | 2.84 |

**Major:** **From:** 407.60 **To:** 452.10 V8Agg, Trachyte Agglomerate

Alkaline unit 3 - Massive Composition: Medium purplish grey to beige, massive texture; V8Agg - Trachyte agglomerate (temporary name) Magnetism: Strong magnetism. Veinning: 0.5% microfacture filling carb veinlets and 1x 10cm thick carb vein. Structure: Weak chaotic brittle deformation. Alteration: Moderate pervasive Fe-carb alteration. Mineralization: 0.5-1% very fine grained disseminated Py local intervals of 10% PY over 2m. Lower Contact: Sharp, relatively straight; oriented at 40 TCA.

**MINOR INTERVAL**
429.70 - 430.60: IDark grey, fine grained and massive. Possibly an intrusion? XRF = low zircon. 0.5% mm scale carb veinlets. Irregular and faintly visible contacts.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
407.60, 417.00, PYR, DIS, .50, -, VFG, 0.5-1% very fine grained disseminated PY
408.90, 409.20, PYR, DIS, 10.00, -, VFG, 10% PY dusting in margins of carb vein
417.00, 421.20, PYR, DIS, 1.00, -, VFG, 1% very fine grained disseminated PY
421.20, 423.00, PYR, DIS, 10.00, -, VFG, 10% very fine grained dissemianted PY

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107295 | 407.6 | 408.8 | 1.2 | 0.107 | | | | 2.90 |
| CAOND107296 | 408.8 | 409.3 | 0.5 | 2.030 | | | | 2.98 |
| CAOND107297 | 409.3 | 410.5 | 1.2 | 0.110 | | | | 2.89 |
| CAOND107298 | 410.5 | 412.0 | 1.5 | 0.228 | | | | 2.89 |
| CAOND107299 | 412.0 | 413.5 | 1.5 | 0.019 | | | | 2.90 |
| CAOND107301 | 413.5 | 415.0 | 1.5 | 0.009 | | | | 2.89 |
| CAOND107302 | 415.0 | 416.5 | 1.5 | 0.038 | | | | 2.89 |
| CAOND107303 | 416.5 | 418.0 | 1.5 | 0.034 | | | | 2.91 |
| CAOND107304 | 418.0 | 419.0 | 1.0 | 0.030 | | | | 2.89 |
| CAOND107305 | 419.0 | 420.0 | 1.0 | 0.109 | | | | 2.94 |
| CAOND107306 | 420.0 | 421.2 | 1.2 | 0.052 | | | | 2.90 |
| CAOND107307 | 421.2 | 422.0 | 0.8 | 2.590 | | | | 2.94 |

**Hole number:** KLUC19-546

423.00, 426.80, PYR, DIS, .50, -, VFG, 0.5-1% very fine grained dissemianted PY
426.80, 429.30, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated PY
429.30, 435.50, PYR, DIS, .50, -, VFG, 0.5-1% very fine grained dissemianted PY
435.50, 437.00, PYR, DIS, 5.00, -, VFG, 5-10% very fine grained dissemianted PY
437.00, 452.10, PYR, DIS, .50, -, VFG, 0.5-1% very fine grained dissemianted PY

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
407.60, 452.10, ANK+, PEN, MOD, -, -, -, Moderate pervsive Fe-carb alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
407.60, 440.00, FOL, WEAK, 40.00, -, -, -, Weak deformation locally parallel at 40-50 TCA
407.60, 452.10, DFZ, WEAK, -, -, -, -, -
440.00, 452.10, FOL, MOD, 40.00, -, -, -, Weak to moderate foliation at 40-50 TCA

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
409.00, 409.10, CBT, 90.00, -, -, -, -, -, -, -, PYR, 10.00, 10cm thick carb vein with 10% Py dusting 10-15cm thick margins on either side of vein
421.20, 423.80, CBT, .50, -, -, -, -, -, -, -, -, -, 0.5% irregular fracture filling carb veins
429.50, 430.70, CBT, .50, -, -, -, -, -, -, -, -, -, 0.5% irregular fracture filling carb veins

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107308 | 422.0 | 423.0 | 1.0 | 0.381 | | | | 2.92 |
| CAOND107309 | 423.0 | 424.5 | 1.5 | 0.048 | | | | 2.93 |
| CAOND107310 | 424.5 | 426.0 | 1.5 | 0.079 | | | | 2.93 |
| CAOND107311 | 426.0 | 427.5 | 1.5 | 0.098 | | | | 2.93 |
| CAOND107312 | 427.5 | 429.0 | 1.5 | 0.065 | | | | 2.93 |
| CAOND107313 | 429.0 | 429.7 | 0.7 | 0.046 | | | | 2.97 |
| CAOND107314 | 429.7 | 430.6 | 0.9 | 0.213 | | | | 2.79 |
| CAOND107316 | 430.6 | 432.0 | 1.4 | 0.345 | | | | 2.95 |
| CAOND107317 | 432.0 | 433.5 | 1.5 | 0.047 | | | | 2.94 |
| CAOND107318 | 433.5 | 435.0 | 1.5 | 0.031 | | | | 2.92 |
| CAOND107319 | 435.0 | 435.6 | 0.6 | 0.051 | | | | 2.92 |
| CAOND107321 | 435.6 | 437.0 | 1.4 | 1.625 | | | | 2.95 |
| CAOND107322 | 437.0 | 438.5 | 1.5 | 0.054 | | | | 2.90 |
| CAOND107323 | 438.5 | 440.0 | 1.5 | 0.045 | | | | 2.91 |
| CAOND107324 | 440.0 | 441.5 | 1.5 | 0.025 | | | | 2.91 |
| CAOND107326 | 441.5 | 443.0 | 1.5 | 0.015 | | | | 2.92 |
| CAOND107327 | 443.0 | 444.5 | 1.5 | 0.008 | | | | 2.90 |
| CAOND107328 | 444.5 | 446.0 | 1.5 | 0.017 | | | | 2.91 |
| CAOND107329 | 446.0 | 447.5 | 1.5 | 0.082 | | | | 2.90 |
| CAOND107331 | 447.5 | 449.0 | 1.5 | 0.019 | | | | 2.90 |
| CAOND107332 | 449.0 | 450.0 | 1.0 | 0.019 | | | | 2.94 |
| CAOND107333 | 450.0 | 451.0 | 1.0 | 0.028 | | | | 2.95 |
| CAOND107334 | 451.0 | 452.1 | 1.1 | 0.033 | | | | 2.88 |

**Major:** **From:** 452.10 **To:** 462.30 V8m, Trachyte mafic

Alkaline unit 2 - Tuffaceous Composition: Dark grey, medium purplish and pinkish grey and medium grey; very fine to fine grained, tuffaceous texture; V8m - Trachyte mafic (temporary name). Magnetism: Strongly magnetic. Veinning: 1-2% mm scale calcite veins parallel to deformation. Structure: Moderate deformation with moderate to strong preferential alignment at 40 TCA. Alteration: Strong banded and spotted calcite alteration. Mineralization: 0.5% very fine grained disseminated Py locally. Lower Contact: Sharp and irregular.

**TEXTURE**
TYPE/COLOR/GRAIN_SIZE/COMMENTS
452.10, 462.30, TFS, -, -, -

**MINERALIZATION**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107335 | 452.1 | 453.5 | 1.4 | 0.006 | | | | 2.81 |
| CAOND107336 | 453.5 | 455.0 | 1.5 | 0.038 | | | | 2.83 |
| CAOND107337 | 455.0 | 456.5 | 1.5 | 0.039 | | | | 2.83 |
| CAOND107338 | 456.5 | 458.0 | 1.5 | 0.009 | | | | 2.83 |
| CAOND107339 | 458.0 | 459.5 | 1.5 | 0.014 | | | | 2.84 |
| CAOND107340 | 459.5 | 461.0 | 1.5 | 0.026 | | | | 2.85 |
| CAOND107341 | 461.0 | 462.3 | 1.3 | 0.090 | | | | 2.86 |

**Hole number:** KLUC19-546

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
452.10, 462.30, PYR, DIS, .50, -, VFG, 0.5-1% very fine grained dissemianted PY

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
452.10, 462.30, CAL+, PAT, STRONG, -, -, -, -

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
452.10, 462.30, DFZ, MOD, 40.00, -, -, -, Moderate parallel deformation throughout
452.10, 462.30, FOL, MOD, 40.00, -, -, -, Moderate to strong foliation oriented at 40-50 TCA

**Major:** **From:** 462.30 **To:** 468.30 V8, Trachyte

Alkaline unit 2 - massive Composition: Medium grey with slightly purplish tint, massive and fine grained; V8 -Trachyte (temporary name) Magnetism: Strongly magnetic except for mineralized intervals that are none magnetic. Veinning: 2x 20cm intervals with 70-80% irregular qtz-carb and carb veinning and 1-2% mm scale irregular carb veinning throughout. Structure: Weak parallel deformation at 40 TCA. Alteration: Weak to moderate pervasive Fe-carb alteration. Mineralization: 2-3% very fine grained disseminated PY only in margins (20-30cm interval) of carb veins. Lower Contact: Sharp and relatively straight, trending at 30 TCA.

**TEXTURE**
TYPE/COLOR/GRAIN_SIZE/COMMENTS
462.30, 468.30, MAS, -, -, -

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
462.30, 463.70, PYR, DIS, 3.00, -, VFG, 3% very fine grained disseminated PY
463.70, 466.80, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated PY
466.80, 468.30, PYR, DIS, 5.00, -, VFG, 5% very fine grained disseminated PY

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
462.30, 468.30, ANK+, PEN, WEAK, -, -, -, Weak to moderate pervasive Fe-carb alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
462.30, 468.30, DFZ, WEAK, 40.00, -, -, -, Weak parallel deformation at 40 TCA defined by the alignment of healed microfractures
462.30, 468.30, FOL, WEAK, 40.00, -, -, -, Weak preferential alignmnet of healed microfractures; 40 TCA

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/CON

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107342 | 462.3 | 463.6 | 1.3 | 0.826 | | | | 2.91 |
| CAOND107343 | 463.6 | 464.8 | 1.2 | 0.275 | | | | 2.86 |
| CAOND107344 | 464.8 | 466.0 | 1.2 | 0.760 | | | | 2.85 |
| CAOND107346 | 466.0 | 467.0 | 1.0 | 0.101 | | | | 2.87 |
| CAOND107347 | 467.0 | 468.3 | 1.3 | 0.905 | | | | 2.87 |

**Hole number:** KLUC19-546

NTS
462.30, 462.50, QtzCbt, 60.00, -, -, -, -, -, -, -, PYR, 3.00, 60% qtz-carb vein occuring irregular and chaotic over a 20cm thick interval, 3% PY dusting in margins
462.90, 463.20, CBT, 80.00, -, -, -, -, -, -, -, PYR, 3.00, 80% discontinuous chunkc of Fe-carb 3-5cm thick, dominantly parallel to deformation occuring over 30cm interval. 3% PY dusting in margins
463.20, 465.30, CBT, 1.00, -, -, -, -, -, -, -, PYR, 1.00, 1-2% mm scale irregular carb veinning with 1-2% PY dusting in margins

**Major:** **From:** 468.30 **To:** 470.70 FPs, Spotted Feldspar Porphyry

White spotted porphyry Composition: Medium to dark reddish brown with chaotic white stringers throughout, medium to coarse grained rounded to subrounded feldspar phenocrysts, poprhyritic texture; FPs - Feldspar spotted porphyry. Magnetism: None magnetic. Veinning: 3% chaotic, discontinuous carb veinlets. Structure: Weak healed microfracturing. Alteration: Moderate pervasive hem alteration. Mineralization: 2-3% very fine grained disseminated Py throughout. Lower Contact: Sharp but irregular and jagged.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
468.30, 470.70, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained disseminated PY

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
468.30, 470.70, HEM+, PEN, MOD, -, -, -, -

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS
468.30, 470.70, CBT, 3.00, -, -, -, -, -, -, -, -, -, 3% irregular, chaotic and discontinuous carb veinlets

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107348 | 468.3 | 469.5 | 1.2 | 0.987 | | | | 2.73 |
| CAOND107349 | 469.5 | 470.7 | 1.2 | 0.987 | | | | 2.71 |

**Major:** **From:** 470.70 **To:** 477.20 I2Dp, Porphyritic Syenite

Feldspar only porphyry intrusive. Composition: Dark purplish very fine grained matrix with pink, fine to medium grained subhedral feldspar phenocrysts, porphyritic texutre; Syenite porphyry. Magnetism: Non magnetic. Veinning: 2-3% mm scale and parallel qtz-carb veinning occuring in last 50cm of unit. Structure: Undeformed. Alteration: Weak spotted calcite alteration. Mineralization: 0.5% very fine grained disseminated PY. Lower Contact: Sharp but core broken at contact.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
470.70, 477.20, PYR, DIS, .50, -, VFG, 0.5% very fine grained dissemianted PY

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
470.70, 477.20, CAL+, SPO, WEAK, -, -, -, -

**VEIN**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107351 | 470.7 | 472.0 | 1.3 | 0.036 | | | | 2.71 |
| CAOND107352 | 472.0 | 473.5 | 1.5 | 0.008 | | | | 2.70 |
| CAOND107353 | 473.5 | 475.0 | 1.5 | 0.101 | | | | 2.70 |
| CAOND107354 | 475.0 | 476.0 | 1.0 | 0.691 | | | | 2.72 |
| CAOND107355 | 476.0 | 477.2 | 1.2 | 0.057 | | | | 2.73 |

**Hole number:** KLUC19-546

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS
476.50, 477.20, QtzCbt, 2.00, -, -, -, -, -, -, -, -, -, 2-3% mm scale qtz-carb vein oriented parallel to one another at 80 TCA

**Major:** **From:** 477.20 **To:** 503.70 I2Dmp, Syenite mafic porphyryitic

Mixed Amp-Feldspar porphyry intrusive. Composition: Dominantly reddish and orangish brown with chaotic white stringers throughout, strongly altered, both amp and feldspar phenocrysts observed, porphyritic texutre; I2Dmp - Syenite mafic porphyry. Magnetism: Non magnetic. Veinning: 3-5% irregular, chaotic and discontinuous. mm scale carb veining. Structure: Weak to moderate healed microfracturing throughout and weak preferential alignment of phenocrysts locally. Core is weak broken/fractured. Alteration: Moderate to strong pervasive hem alteration. Mineralization: 1-2% very fine grained disseminated Py. Lower Contact: Sharp and relatively straight oriented at 80 TCA.

**MINOR INTERVAL**
489.60 - 490.10: V840cm thick interval of broken/fractured alkaline unit 2. Moderate brittle parallel deformation. 0.5% very fine grained disseminated PY. Upper contact is sharp and straight oriented at 30 TCa and lower contact is sharp but irregular.

**MINOR INTERVAL**
490.50 - 490.90: V840cm thick minor interval of massive alkaline unit 2.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
477.20, 503.70, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated PY

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
477.20, 496.00, HEM+, PEN, MOD, -, -, -, Moderate to strong pervasive hem alteration
496.00, 503.70, HEM+, PEN, WEAK, -, -, -, Weak to moderate pervasive hem alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
477.20, 480.00, BRR, MOD, -, -, -, -, -
480.00, 498.00, BRR, WEAK, -, -, -, -, -

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS
477.20, 483.00, CBT, .50, -, -, -, -, -, -, -, -, -, 0.5% mm scale chaotic, irregular and discontinous carb veinlets
483.00, 489.50, CBT, 3.00, -, -, -, -, -, -, -, -, -, 3% mm scale chaotic, irregular and discontinous carb veinlets
490.90, 495.00, CBT, 3.00, -, -, -, -, -, -, -, -, -, 3% mm scale chaotic, irregular and discontinous carb veinlets

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107356 | 477.2 | 478.5 | 1.3 | 0.250 | | | | 2.73 |
| CAOND107357 | 478.5 | 480.0 | 1.5 | 0.103 | | | | 2.73 |
| CAOND107358 | 480.0 | 481.5 | 1.5 | 0.300 | | | | 2.73 |
| CAOND107359 | 481.5 | 483.0 | 1.5 | 0.137 | | | | 2.74 |
| CAOND107361 | 483.0 | 484.5 | 1.5 | 0.143 | | | | 2.72 |
| CAOND107362 | 484.5 | 486.0 | 1.5 | 0.196 | | | | 2.72 |
| CAOND107363 | 486.0 | 487.5 | 1.5 | 4.480 | | | | 2.74 |
| CAOND107364 | 487.5 | 488.5 | 1.0 | 4.600 | | | | 2.70 |
| CAOND107365 | 488.5 | 489.4 | 0.9 | 1.585 | | | | 2.72 |
| CAOND107366 | 489.4 | 490.1 | 0.7 | 0.300 | | | | 2.80 |
| CAOND107367 | 490.1 | 490.9 | 0.8 | 0.343 | | | | 2.77 |
| CAOND107368 | 490.9 | 492.0 | 1.1 | 3.130 | | | | 2.80 |
| CAOND107369 | 492.0 | 493.5 | 1.5 | 9.370 | | | | 2.80 |
| CAOND107371 | 493.5 | 495.0 | 1.5 | 0.342 | | | | 2.79 |
| CAOND107372 | 495.0 | 496.5 | 1.5 | 0.118 | | | | 2.80 |
| CAOND107373 | 496.5 | 497.8 | 1.3 | 0.134 | | | | 2.81 |
| CAOND107374 | 497.8 | 499.0 | 1.2 | 0.121 | | | | 2.79 |
| CAOND107376 | 499.0 | 500.5 | 1.5 | 0.037 | | | | 2.81 |
| CAOND107377 | 500.5 | 502.0 | 1.5 | 0.025 | | | | 2.82 |
| CAOND107378 | 502.0 | 503.0 | 1.0 | 0.011 | | | | 2.82 |
| CAOND107379 | 503.0 | 503.7 | 0.7 | 0.025 | | | | 2.85 |

**Hole number:** KLUC19-546

495.00, 497.00, CBT, .50, -, -, -, -, -, -, -, -, -, 0.5% mm scale chaotic, irregular and discontinous carb veinlets
497.80, 498.30, QtzCbt, 3.00, -, -, -, -, -, -, -, -, -, 1x 0.5-1cm thick qtz-carb vein trending parallel to core
501.00, 502.20, CBT, 1.00, -, -, -, -, -, -, -, -, -, 1% mm scale chaotic, irregular and discontinous carb veinlets

**Major:** **From:** 503.70 **To:** 543.00 V8m, Trachyte mafic

Alkaline unit 2 - tuffaceous. Composition: Alternating mm to cm bands of dark grey, medium grey and pinkish grey, very fine and fine grained, tuffaceous; V8m - Trachyte mafic (temporary name). Magnetism: Moderate to strongly magnetic. Veinning: 3-5% mm scale calcite veinlets parallel to deformation. Structure: Moderate to strong parallel deformation at 40 TCA. Alteration: Strong spotted and banded calcite alteration. Mineralization: 1-2% very fine grained dissemianted Py occuring in clusters, locally 3-5% disseminated Py over 50cm thick intervals. Lower Contact: Gradational, gradually begin to see red spots and textures becoming massive.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

503.70, 507.80, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained dissemianted Py occuring in clusters 1mm to 1cm thick parallel to deformation
507.80, 508.30, PYR, DIS, 3.00, -, VFG, 3-5% very fine grained disseminated PY
508.30, 510.10, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained dissemianted Py occuring in clusters 1mm to 1cm thick parallel to deformation
510.10, 512.30, PYR, DIS, 3.00, -, VFG, 3-5% very fine grained disseminated PY
512.30, 522.00, PYR, DIS, .50, -, VFG, 0.5-1% very fine grained dissemianted PY
522.00, 524.00, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained disseminated PY occuring in parallel clusters 1mm - 1cm thick
524.00, 536.50, PYR, DIS, .50, -, VFG, 0.5-1% very fine grained dissemianted PY
536.50, 536.60, PYR, DIS, 10.00, -, VFG, 10% PY dusting clustered in a 10cm thick interval
536.60, 538.60, PYR, DIS, .50, -, VFG, 0.5-1% very fine grained dissemianted PY
538.60, 539.00, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained disseminated PY occuring in parallel mm scale clusters
539.00, 542.80, PYR, DIS, .50, -, VFG, 0.5-1% very fine grained dissemianted PY
542.80, 543.00, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated PY

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

503.70, 543.00, CAL+, BAN, STRONG, -, -, -, Strong spotted and banded calcite alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

503.70, 543.00, DFZ, MOD, 40.00, -, -, -, Moderate to strong parallel deformation at 40 TCA
503.70, 543.00, FOL, MOD, 40.00, -, -, -, Moderate foliation at 40 TCA defined by the alignment and alternation of tuffaceous beds and calcite alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107381 | 503.7 | 505.0 | 1.3 | 0.021 | | | | 2.85 |
| CAOND107382 | 505.0 | 506.5 | 1.5 | 0.039 | | | | 2.85 |
| CAOND107383 | 506.5 | 507.8 | 1.3 | 0.030 | | | | 2.86 |
| CAOND107384 | 507.8 | 509.0 | 1.2 | 0.016 | | | | 2.86 |
| CAOND107385 | 509.0 | 510.1 | 1.1 | 0.010 | | | | 2.86 |
| CAOND107386 | 510.1 | 511.0 | 0.9 | 0.039 | | | | 2.85 |
| CAOND107387 | 511.0 | 512.4 | 1.4 | 0.041 | | | | 2.85 |
| CAOND107388 | 512.4 | 513.5 | 1.1 | 0.016 | | | | 2.80 |
| CAOND107389 | 513.5 | 515.0 | 1.5 | 0.024 | | | | 2.80 |
| CAOND107391 | 515.0 | 516.5 | 1.5 | 0.019 | | | | 2.79 |
| CAOND107392 | 516.5 | 518.0 | 1.5 | 0.010 | | | | 2.80 |
| CAOND107393 | 518.0 | 519.5 | 1.5 | 0.010 | | | | 2.81 |
| CAOND107394 | 519.5 | 521.0 | 1.5 | 0.006 | | | | 2.79 |
| CAOND107395 | 521.0 | 522.5 | 1.5 | 0.010 | | | | 2.81 |
| CAOND107396 | 522.5 | 524.0 | 1.5 | 0.018 | | | | 2.82 |
| CAOND107397 | 524.0 | 525.5 | 1.5 | 0.003 | | | | 2.82 |
| CAOND107398 | 525.5 | 527.0 | 1.5 | 0.011 | | | | 2.85 |
| CAOND107399 | 527.0 | 528.5 | 1.5 | 0.009 | | | | 2.85 |
| CAOND107401 | 528.5 | 530.0 | 1.5 | 0.008 | | | | 2.86 |
| CAOND107402 | 530.0 | 531.5 | 1.5 | 0.009 | | | | 3.00 |
| CAOND107403 | 531.5 | 533.0 | 1.5 | 0.011 | | | | 2.86 |
| CAOND107404 | 533.0 | 534.5 | 1.5 | 0.006 | | | | 2.85 |
| CAOND107405 | 534.5 | 536.0 | 1.5 | 0.006 | | | | 2.85 |
| CAOND107406 | 536.0 | 537.5 | 1.5 | 0.003 | | | | 2.86 |
| CAOND107407 | 537.5 | 539.0 | 1.5 | 0.011 | | | | 2.85 |
| CAOND107408 | 539.0 | 540.5 | 1.5 | 0.008 | | | | 2.82 |
| CAOND107409 | 540.5 | 541.5 | 1.0 | 0.015 | | | | 2.80 |
| CAOND107410 | 541.5 | 543.0 | 1.5 | 0.038 | | | | 2.81 |

## Hole number: KLUC19-546

**Major:** **From:** 543.00 **To:** 573.10 V8, Trachyte

Alkaline unit 2 - massive to locally tuffaceous (red spotted). Composition: Pinkish, orangish and purplish beige and orangish red with minor dark grey, dominantly massive texture with local tuffaceous intervals, 10% medium grained rounded red spots occuring over 9 m from upper contact and 3-5% randomly observed throughout the unit; V8 - Trachyte (temporary name). Magnetism: Strongly magnetic. Veinning: 1-2% fracture filling carb veinlets and 3% qtz-carb veinning 1-2cm thick, both occuring locally. Structure: Dominantly undeformed to having weak to moderate healed microfracturing, weak foliation over 10m from upper contact oriented at 30-40 TCA. Alteration: Weak to moderate pervasive Fe-carb alteration alternating with moderate pervasive hem alt. Mineralization: General none to rare Py but contains random intervals with 2-3 and 3-5% PY dusting over 20-100cm intervals. Lower Contact: Sharp and straight; oriented at 10 TCA.

**TEXTURE**

TYPE/COLOR/GRAIN_SIZE/COMMENTS

543.00, 552.00, SPO, -, MGR, Red rounded spots

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

543.00, 543.70, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained disseminated PY
543.70, 544.80, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated PY
544.80, 547.20, PYR, DIS, .50, -, VFG, 0.5% very fine grained dissemianted PY
547.20, 547.80, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated PY
547.80, 548.90, PYR, DIS, .50, -, VFG, 0.5% very fine grained dissemianted PY
548.90, 549.50, PYR, DIS, 1.00, -, VFG, 1% very fine grained disseminated PY
549.50, 559.00, PYR, DIS, .50, -, VFG, 0.5% very fine grained dissemianted PY
552.70, 561.00, CPY, PAT, .50, -, FGR, 0.1-0.5% fine grained chalcopyrite locally occuring in carb veins
558.00, 561.00, GAL, SPO, .50, -, FGR, 0.1-0.5% galena randomly spotted in carb veins
559.00, 560.40, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated PY
560.40, 563.90, PYR, DIS, .50, -, VFG, 0.5% very fine grained dissemianted PY
561.10, 561.30, CPY, PAT, 1.00, -, FGR, 1-2% irregular spots of CP mineralization
563.90, 566.90, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained disseminated PY
566.90, 571.90, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated PY
571.90, 573.10, PYR, DIS, 3.00, -, VFG, 3-5% very fine grained disseminated PY

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

543.00, 552.70, CBT+, PAT, WEAK, -, -, -, Weak patches of Fe-carb alteration
552.70, 556.00, HEM+, PAT, MOD, -, -, -, Moderate hem alteration occuring as irregular patches
552.70, 573.10, CBT+, PEN, MOD, -, -, -, Moderate pervasive Fe-carb? alteration
558.00, 560.10, HEM+, PAT, MOD, -, -, -, Moderate hem alteration occuring as irregular patches
560.10, 564.00, HEM+, PAT, WEAK, -, -, -, Weak hem alteration occuring as irregular patches
564.00, 566.00, HEM+, PAT, STRONG, -, -, -, Strong hem alteration occuring as irregular patches
566.00, 572.00, HEM+, PAT, WEAK, -, -, -, Weak hem alteration occuring as irregular patches to spotted
572.00, 573.10, HEM+, PAT, STRONG, -, -, -, Strong hem alteration occuring as irregular patches

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107411 | 543.0 | 544.5 | 1.5 | 0.096 | | | | 2.82 |
| CAOND107412 | 544.5 | 546.0 | 1.5 | 0.025 | | | | 2.82 |
| CAOND107413 | 546.0 | 547.5 | 1.5 | 0.131 | | | | 2.81 |
| CAOND107414 | 547.5 | 549.0 | 1.5 | 0.125 | | | | 2.83 |
| CAOND107416 | 549.0 | 550.5 | 1.5 | 0.038 | | | | 2.82 |
| CAOND107417 | 550.5 | 551.5 | 1.0 | 0.100 | | | | 2.83 |
| CAOND107418 | 551.5 | 552.6 | 1.1 | 0.039 | | | | 2.82 |
| CAOND107419 | 552.6 | 553.8 | 1.2 | 0.066 | | | | 2.72 |
| CAOND107421 | 553.8 | 555.0 | 1.2 | 0.127 | | | | 2.79 |
| CAOND107422 | 555.0 | 556.0 | 1.0 | 0.021 | | | | 2.79 |
| CAOND107423 | 556.0 | 557.0 | 1.0 | 0.031 | | | | 2.79 |
| CAOND107424 | 557.0 | 558.0 | 1.0 | 0.170 | | | | 2.82 |
| CAOND107426 | 558.0 | 559.5 | 1.5 | 0.061 | | | | 2.77 |
| CAOND107427 | 559.5 | 561.0 | 1.5 | 0.229 | | | | 2.78 |
| CAOND107428 | 561.0 | 562.5 | 1.5 | 0.376 | | | | 2.79 |
| CAOND107429 | 562.5 | 564.0 | 1.5 | 0.188 | | | | 2.82 |
| CAOND107431 | 564.0 | 565.0 | 1.0 | 0.823 | | | | 2.80 |
| CAOND107432 | 565.0 | 566.5 | 1.5 | 0.564 | | | | 2.81 |
| CAOND107433 | 566.5 | 568.0 | 1.5 | 0.077 | | | | 2.82 |
| CAOND107434 | 568.0 | 569.5 | 1.5 | 0.073 | | | | 2.81 |
| CAOND107435 | 569.5 | 571.0 | 1.5 | 0.045 | | | | 2.83 |
| CAOND107436 | 571.0 | 572.0 | 1.0 | 0.092 | | | | 2.83 |
| CAOND107437 | 572.0 | 573.1 | 1.1 | 0.241 | | | | 2.81 |

**Hole number:** KLUC19-546

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

543.00, 552.50, FOL, WEAK, 30.00, -, -, -, Weak, locally moderate parallel deformation oriented at 30-40 TCA
543.00, 573.10, DFZ, WEAK, -, -, -, -, Weak brittle deformation, locally parallel preferential alignment
543.00, 573.10, FRA, WEAK, -, -, -, -, Weak to moderate healed microfracturing
551.00, 552.00, BRR, WEAK, -, -, -, -, -
552.00, 553.00, BRR, MOD, -, -, -, -, -
553.00, 556.00, BRR, WEAK, -, -, -, -, -

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

544.80, 547.00, QtzCbt, .50, -, -, -, -, -, -, -, -, -, 0.5% mm scale irregular qtz carb veinning
552.60, 557.00, QtzCbt, 1.00, -, -, -, -, -, -, -, -, -, 1% irregular and chaotic fracture filling qtz-carb veinning
557.00, 558.00, CBT, 1.00, -, -, -, -, -, -, -, -, -, 1-2% irregular carb veinning, dominantly mm scale with 1x 2cm thick
558.00, 561.70, QtzCbt, 5.00, -, -, -, -, -, -, -, CPY, .50, 5% irregular, chaotic, whispy and discontinuous qtz carb veinning with 0.5% spotted chalcopyrite and galena
561.70, 564.30, CBT, 1.00, -, -, -, -, -, -, -, -, -, 0.5-1% irregular, chaotic, whispy and discontinuous carb vein with minor qtz
564.30, 567.00, QtzCbt, 3.00, -, -, -, -, -, -, -, CPY, .50, 3% irregular, chaotic, whispy and discontinuous qtz carb veinning. Dominantly mm scale with 2x 2-3cm thick veins. 0.5% chalcopyrite randomly spotted in the veins
569.20, 569.30, QTZ, 60.00, -, -, -, -, -, -, -, -, -, 12cm thick qtz vein running parallel to core and only occupying half the core
572.10, 572.30, QTZ, 70.00, -, -, -, -, -, -, -, GAL, .50, 10cm thick irregular qtz vein with 0.5-1% galena occuring in fractures in the vein

**Major:** **From:** 573.10 **To:** 600.90 I2Dmp, Syenite mafic porphyryitic

Mixed amphibole-feldspar porphyry intrusive. Composition: Medium reddish to orangish brown colour with 1-2% fine grained random amp phenocrysts and 10-12% medium grained subhedral feldspar phenocrysts, porphyritic texture; I2Dmp - Syenite mafic porphyry. Magnetism: Moderate to strongly magnetic. Veinning: 15-20% irregular and wavy qtz veinning dominantly 1-3cm thick with minor up to 25cm thick occuring over 5 m intervals. 2-3% mm scale irregular carb veinning. Structure: Dominantly undeformed but contains moderate healed fracturing. Alteration: Moderate pervasive hem alteration. Mineralization: 1-2% very fine grained disseminated Py observed locally in margins of veins, 0.1% very fine grained galena randomly occuring in fractures of qtz veins. Lower Contact: Sharp and relatively straight; oriented at 40 TCA.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107438 | 573.1 | 574.0 | 0.9 | 0.037 | | | | 2.70 |
| CAOND107439 | 574.0 | 575.0 | 1.0 | 0.030 | | | | 2.71 |
| CAOND107440 | 575.0 | 576.4 | 1.4 | 0.031 | | | | 2.70 |
| CAOND107441 | 576.4 | 577.5 | 1.1 | 0.008 | | | | 2.72 |
| CAOND107442 | 577.5 | 579.0 | 1.5 | 0.008 | | | | 2.74 |
| CAOND107443 | 579.0 | 580.5 | 1.5 | 0.009 | | | | 2.73 |
| CAOND107444 | 580.5 | 581.7 | 1.2 | 0.003 | | | | 2.72 |
| CAOND107446 | 581.7 | 583.0 | 1.3 | 0.006 | | | | 2.73 |
| CAOND107447 | 583.0 | 584.5 | 1.5 | 0.003 | | | | 2.74 |

**Hole number:** KLUC19-546

573.10, 577.00, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated Py occuring in margins of qtz vein
577.00, 588.00, PYR, DIS, .50, -, VFG, 0.5% very fine grained dissemianted PY
587.70, 589.30, CPY, SPO, .50, -, FGR, 0.1-0.5% very fine grained chalcopyrite randomly in qtz vein
587.70, 589.30, GAL, SPO, .50, -, VFG, 0.1-0.5% very fine grained galena randomly in qtz vein
588.00, 592.00, PYR, DIS, .50, -, VFG, 0.5% very fine grained dissemianted PY
592.00, 593.00, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated PY
593.00, 600.90, PYR, DIS, .50, -, VFG, 0.5% very fine grained dissemianted PY

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
573.10, 600.90, HEM+, PEN, MOD, -, -, -, Moderate pervasive hem alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
573.10, 596.00, BRR, WEAK, -, -, -, -, -
573.10, 600.90, FRA, MOD, -, -, -, -, Moderate healed chaotic fracturing
596.00, 597.00, BRR, MOD, -, -, -, -, -

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
573.10, 577.00, QTZ, 15.00, -, -, -, -, -, -, -, PYR, 1.00, 15-20% irregular and chaotic pale grey qtz veinning 1-3cm thick and 10-25cm thick. 1-2% Py disseminated randomly in margins of veins
577.00, 581.80, QtzCbt, 1.00, -, -, -, -, -, -, -, -, -, 1% mm scale chaotic and irregular qtz-carb veinning
581.80, 584.10, QtzCbt, 2.00, -, -, -, -, -, -, -, -, -, 2% mm scale chaotic and irregular qtz-carb veinning
582.00, 587.70, CBT, 2.00, -, -, -, -, -, -, -, -, -, 2% mm scale chaotic, irregular, whsipy and discontinuous carb veinning
587.70, 589.30, QTZ, 50.00, -, -, -, -, -, -, -, GAL, .50, 50% pale grey chaotic and irregular qtz veinning brecciating host rock. 0.1-0.5% galena randomly occuring in fractures in vein
589.30, 596.00, QtzCbt, 10.00, -, -, -, -, -, -, -, -, -, 10% mm scale chaotic, irregular, whsipy and discontinuous qtz-carb veinning
594.00, 594.10, QTZ, 20.00, -, -, -, -, -, -, -, CPY, 5.00, 2cm thick qtz vein trending at 40 TCA containing 0.5-1.5cm in size chalcopyrite

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107448 | 584.5 | 586.0 | 1.5 | 0.005 | | | | 2.74 |
| CAOND107449 | 586.0 | 587.5 | 1.5 | 0.009 | | | | 2.73 |
| CAOND107451 | 587.5 | 589.0 | 1.5 | 0.003 | | | | 2.68 |
| CAOND107452 | 589.0 | 590.5 | 1.5 | 0.006 | | | | 2.72 |
| CAOND107453 | 590.5 | 592.0 | 1.5 | 0.126 | | | | 2.72 |
| CAOND107454 | 592.0 | 593.0 | 1.0 | 0.893 | | | | 2.73 |
| CAOND107455 | 593.0 | 594.5 | 1.5 | 0.011 | | | | 2.73 |
| CAOND107456 | 594.5 | 596.0 | 1.5 | 0.012 | | | | 2.73 |
| CAOND107457 | 596.0 | 597.5 | 1.5 | 0.005 | | | | 2.73 |
| CAOND107458 | 597.5 | 599.0 | 1.5 | 0.015 | | | | 2.74 |
| CAOND107459 | 599.0 | 600.0 | 1.0 | 0.005 | | | | 2.73 |
| CAOND107461 | 600.0 | 600.9 | 0.9 | 0.003 | | | | 2.76 |

**Major:** **From:** 600.90 **To:** 607.60 V8m, Trachyte mafic

Alkaline unit 2 - tuffaceous Composition: Dark grey with white, pinkish grey and grey bands and stringers, tuffaceous and foliated; V8m - Trachyte mafic (temporary name). Magnetism: Moderate to strongly magnetic. Veinning: 5-10% mm scale stringers of calcite parallel to deformation. Structure: Moderate to strong parallel deformation at 30-40 TCA. Alteration: Strong calcite alteration occuring as mm scale stringers and spots. Mineralization: 0.10-0.5% very fine grained disseminated Py. Lower Contact: Sharp and relatively straight orieneted at 40 TCA.

**MINERALIZATION**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107462 | 600.9 | 602.0 | 1.1 | 0.013 | | | | 2.85 |
| CAOND107463 | 602.0 | 603.5 | 1.5 | 0.011 | | | | 2.84 |
| CAOND107464 | 603.5 | 605.0 | 1.5 | 0.003 | | | | 2.91 |
| CAOND107465 | 605.0 | 606.5 | 1.5 | 0.003 | | | | 2.91 |
| CAOND107466 | 606.5 | 607.6 | 1.1 | 0.009 | | | | 2.91 |

**Hole number:** KLUC19-546

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
600.90, 607.60, PYR, DIS, .10, -, VFG, 0.1-0.5% very fine grained disseminated PY

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
600.90, 607.60, CAL+, STG, STRONG, -, -, -, Strong calcite alteration occuring at mm stringers and spots

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
600.90, 607.60, DFZ, MOD, 30.00, -, -, -, Moderate parallel deformation oriented at 30-40 TCA
600.90, 607.60, FOL, MOD, 30.00, -, -, -, Moderate foliation oriented at 30-40 TCA defined by the alignment of calcite

**Major: From:** 607.60 **To:** 616.70 I2Dmp, Syenite mafic porphyryitic

Mixed amp-feldspar porphyry intrusive. Composition: Medium to dark purplish grey, very fine grained massive matrix with 0.5-2% fine grained subhedral amp and fine to medium grained feldspar? phenocrysts (deformed and fractured), weakly porphyritic texture; I2Dmp - Syenite mafic syenite. Magnetism: Moderately magnetic. Veinning: 1x 6cm thick qtz-cal-chl vein and 1% irregular and discontinous calcite veins. Structure: Weak deformation and weak preferential alignment. Alteration: Weak calcite Mineralization: 0.1-0.5% very fine grained disseminated PY. Lower Contact: Sharp and straight oriented at 80 TCA.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
607.60, 616.70, PYR, DIS, .10, -, VFG, 0.1-0.5% very fine grained disseminated PY

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
607.60, 616.70, DFZ, WEAK, 40.00, -, -, -, -

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
611.50, 611.60, QTZ, 90.00, -, -, -, -, -, -, -, -, 7cm thick qtz-cal-chl vein oriented at 40 TCA.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107467 | 607.6 | 609.0 | 1.4 | 0.017 | | | | 2.71 |
| CAOND107468 | 609.0 | 610.5 | 1.5 | 0.008 | | | | 2.72 |
| CAOND107469 | 610.5 | 612.0 | 1.5 | 0.010 | | | | 2.71 |
| CAOND107471 | 612.0 | 613.5 | 1.5 | 0.006 | | | | 2.72 |
| CAOND107472 | 613.5 | 615.0 | 1.5 | 0.006 | | | | 2.72 |
| CAOND107473 | 615.0 | 616.0 | 1.0 | 0.009 | | | | 2.72 |
| CAOND107474 | 616.0 | 616.7 | 0.7 | 0.011 | | | | 2.73 |

**Major: From:** 616.70 **To:** 620.50 V8m, Trachyte mafic

Alkaline unit 2 - tuffaceous Composition: Dark grey with white, pinkish grey and grey bands and stringers, tuffaceous and foliated; V8m - Trachyte mafic (temporary name). Magnetism: Moderate to strongly magnetic. Veinning: 5-10% mm scale stringers of calcite parallel to deformation. Structure: Moderate to strong parallel deformation at 30-40 TCA. Local mm scale chaotic folding. Alteration: Strong calcite alteration occuring as mm scale stringers and spots. Mineralization: none observed. Lower Contact: Sharp but irregular. Minor units: 619.9-620.2m = minor unit of I2Dmp

**ALTERATION**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107476 | 616.7 | 618.0 | 1.3 | 0.003 | | | | 2.91 |
| CAOND107477 | 618.0 | 619.0 | 1.0 | 0.003 | | | | 2.90 |
| CAOND107478 | 619.0 | 619.9 | 0.9 | 0.003 | | | | 2.87 |
| CAOND107479 | 619.9 | 620.5 | 0.6 | 0.003 | | | | 2.84 |

**Hole number:** KLUC19-546

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
616.70, 620.50, CAL+, STG, STRONG, -, -, -, Strong calcite alteration occuring at mm stringers and spots

**Major:** **From:** 620.50 **To:** 627.90 I2Dmp, Syenite mafic porphyryitic

Mixed amp-feldspar porphyry intrusive. Composition: Medium to dark purplish grey, very fine grained massive matrix with 0.5-2% fine grained subhedral amp and fine to medium grained feldspar? phenocrysts (deformed and fractured), weakly porphyritic texture; I2Dmp - Syenite mafic syenite. Magnetism: Moderately magnetic. Veinning: 2-3% 1cm thick irregular qtz-cal veinning. Structure: Weak deformation and weak preferential alignment. Alteration: Weak calcite Mineralization: 0.1-0.5% very fine grained disseminated PY. Lower Contact: Sharp and slightly irregular; oriented at 50 TCA.

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
620.50, 624.00, QTZ_2, 2.00, -, -, -, -, -, -, -, -, -, 2-3% irregular qtz-cal with minor chl veins, dominantly trending parallel to core

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107481 | 620.5 | 622.0 | 1.5 | 0.010 | | | | 2.72 |
| CAOND107482 | 622.0 | 623.5 | 1.5 | 0.015 | | | | 2.72 |
| CAOND107483 | 623.5 | 625.0 | 1.5 | 0.006 | | | | 2.72 |
| CAOND107484 | 625.0 | 626.5 | 1.5 | 0.003 | | | | 2.73 |
| CAOND107485 | 626.5 | 627.9 | 1.4 | 0.003 | | | | 2.72 |

**Major:** **From:** 627.90 **To:** 650.40 V8m, Trachyte mafic

Alkaline unit 2 - tuffaceous Composition: Dark grey with white chaotic stringers, tuffaceous and foliated; V8m - Trachyte mafic (temporary name). Magnetism: Moderate to strongly magnetic. Veinning: 15-20% mm scale, chaotic stringers of calcite. Structure: Weak deformation and weak prefential alignment at 30-40 TCA. Local mm scale chaotic folding of calcite veinlets. Alteration: Strong calcite alteration occuring as mm scale stringers and spots. Mineralization: none observed. Lower Contact: Sharp and relatively straight; oriented at 40 TCA.

**MINOR INTERVAL**

648.50 - 648.90: I2Dmp40ccm thick interval of poprhyry intrusion. Possibly mixed amp-fspar?

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
648.90, 649.00, PYR, DIS, 10.00, -, VFG, 10% very fine grained disseminated Py occuring in a cluster at contact of I2Dmp and V8m

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
627.90, 650.40, CAL+, STG, MOD, -, -, -, Moderate to strong calcite alteration occuring as spots and stringers
646.00, 648.50, SER+, PAT, WEAK, -, -, -, Weak to moderate patchy sericite alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
627.90, 650.40, DFZ, WEAK, -, -, -, -, -
627.90, 650.40, FOL, WEAK, 30.00, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107486 | 627.9 | 629.0 | 1.1 | 0.010 | | | | 2.87 |
| CAOND107487 | 629.0 | 630.5 | 1.5 | 0.011 | | | | 2.87 |
| CAOND107488 | 630.5 | 632.0 | 1.5 | 0.008 | | | | 2.87 |
| CAOND107489 | 632.0 | 633.5 | 1.5 | 0.011 | | | | 2.89 |
| CAOND107491 | 633.5 | 635.0 | 1.5 | 0.019 | | | | 2.89 |
| CAOND107492 | 635.0 | 636.5 | 1.5 | 0.019 | | | | 2.85 |
| CAOND107493 | 636.5 | 638.0 | 1.5 | 0.009 | | | | 2.86 |
| CAOND107494 | 638.0 | 639.5 | 1.5 | 0.006 | | | | 2.86 |
| CAOND107495 | 639.5 | 641.0 | 1.5 | 0.003 | | | | 2.85 |
| CAOND107496 | 641.0 | 642.5 | 1.5 | 0.003 | | | | 2.87 |
| CAOND107497 | 642.5 | 644.0 | 1.5 | 0.003 | | | | 2.86 |
| CAOND107498 | 644.0 | 645.5 | 1.5 | 0.003 | | | | 2.87 |
| CAOND107499 | 645.5 | 647.0 | 1.5 | 0.007 | | | | 2.90 |
| CAOND107501 | 647.0 | 648.5 | 1.5 | 0.010 | | | | 2.91 |
| CAOND107502 | 648.5 | 649.6 | 1.1 | 0.018 | | | | 2.87 |
| CAOND107503 | 649.6 | 650.4 | 0.8 | 0.021 | | | | 2.93 |

## Hole number: KLUC19-546

**Major:** **From:** 650.40 **To:** 656.80 S, Roches sédimentaires indéterminées

Composition: Pale pink and medium bluish grey, very fine to fine grained, massive, heterogeneous; S - sediments. Magnetism: None to weakly magnetic. Veinning: 2-3% carbonate veinning over a 50cm thick interval. Structure: Weak to moderate parallel deformation at 40 TCA. Alteration: Rare to weak calcite and kspar alteration. Mineralization: 1-2% very fine grained disseminated Py. Lower Contact: Sharp and straight; oriented at 40 TCA.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

650.40, 650.70, PYR, DIS, 10.00, -, VFG, 10% very fine grained disseminated Py
650.70, 651.50, PYR, DIS, 2.00, -, VFG, 2% very fine grained disseminated Py
651.50, 651.80, PYR, DIS, 5.00, -, VFG, 5% very fine grained disseminated Py
651.80, 654.00, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained disseminated PY
654.00, 656.00, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated PY

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

650.40, 651.80, DFZ, MOD, 30.00, -, -, -, Moderate to strong parallel deformation at 30 TCA
650.40, 651.80, FOL, MOD, 30.00, -, -, -, Moderate to strong foliation at 30 TCA;defined by alignment of chl and calcite
651.80, 656.80, DFZ, WEAK, 40.00, -, -, -, -
651.80, 656.80, FOL, WEAK, 40.00, -, -, -, -

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

653.20, 653.70, CBT, 2.00, -, -, -, -, -, -, -, -, -, 2% chaotic carb veinning

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107504 | 650.4 | 651.6 | 1.2 | 0.027 | | | | 2.84 |
| CAOND107505 | 651.6 | 653.0 | 1.4 | 0.035 | | | | 2.77 |
| CAOND107506 | 653.0 | 654.5 | 1.5 | 0.131 | | | | 2.76 |
| CAOND107507 | 654.5 | 656.0 | 1.5 | 0.017 | | | | 2.73 |
| CAOND107508 | 656.0 | 656.8 | 0.8 | 0.022 | | | | 2.74 |

**Major:** **From:** 656.80 **To:** 661.30 V8m, Trachyte mafic

Alkaline unit 2 - mafic tuffaceous Composition: Bands of randomly alternating dark greenish grey, medium greenish browm, pale grey and white, strongly deformed and chaotic texture; V8m - Trachyte mafic (temporary name). Magnetism: Moderate to strongly magnetic. Veinning: 3-5% mm scale chaotic calcite and carbonate veinning. Structure: Moderate to strong parallel deformation at 40 TCA with mm to cm scale folding of veinning locally. Alteration: Moderate calcite alteration. Mineralization: 2-3% very fine grained disseminated PY occuring in the last 80cm of the unit. Lower Contact: Relatively sharp but irregular.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

660.50, 661.30, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained disseminated PY

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

656.80, 661.30, CAL+, STG, MOD, -, -, -, Moderate to strong calcite alteration occuring as spots and stringers.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107509 | 656.8 | 658.0 | 1.2 | 0.003 | | | | 2.90 |
| CAOND107510 | 658.0 | 659.0 | 1.0 | 0.003 | | | | 2.92 |
| CAOND107511 | 659.0 | 660.0 | 1.0 | 0.003 | | | | 2.91 |
| CAOND107512 | 660.0 | 661.3 | 1.3 | 0.056 | | | | 2.94 |

**Hole number:** KLUC19-546

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

656.80, 661.30, DFZ, MOD, 40.00, -, -, -, Moderate to strong parallel deformation at 40-50 TCA with chaotic folding
656.80, 661.30, FLD, WEAK, -, -, -, -, Chaotic mm to cm scale folding
656.80, 661.30, FOL, MOD, 40.00, -, -, -, Moderate to strong foliation at 40-50 TCA

**Major:** **From:** 661.30 **To:** 677.50 V8m, Trachyte mafic

Repetitively alternating alkaline unit 2 - mafic tuffaceous and seds (possibly intrusions?). Composition: Bands of randomly alternating dark greenish grey, medium greenish browm, pale grey and white, strongly deformed and chaotic texture; V8m - Trachyte mafic (temporary name). Magnetism: Moderate to strongly magnetic. Veinning: 2-3% mm scale chaotic calcite and carbonate veinning. Structure: Moderate to strong parallel deformation at 40 TCA with mm to cm scale folding of veinning locally. Alteration: Moderate calcite alteration and moderate bands and patches of sericite alteration. Mineralization: 2-3% very fine grained disseminated PY occuring in the last 80cm of the unit. Lower Contact: Relatively sharp but irregular.

**MINOR INTERVAL**

661.30 - 661.90: SPale pink and medium grey chaotically deformed sediments?

**MINOR INTERVAL**

662.20 - 664.60: SPale pink and medium grey sediment? weak to moderate parallel deformation at 40 TCA

**MINOR INTERVAL**

666.20 - 666.50: Spale pink and medium bluish grey sediments? parallel moderate deformation at 40 TCA

**MINOR INTERVAL**

667.90 - 668.20: SPale pink and medium grey chaotic fine grained sediment?

**MINOR INTERVAL**

668.40 - 669.30: SPale pink and medium grey fine grained sediment?

**MINOR INTERVAL**

670.60 - 670.80: SPale pink and medium grey fine grained sediment?

**MINOR INTERVAL**

670.90 - 671.00: SPale pink and medium grey fine grained sediment? Could be a porphyry intrusion?

**MINOR INTERVAL**

671.80 - 672.50: SPale pink and medium grey fine grained sediment?

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

661.30, 662.20, PYR, DIS, .50, -, VFG, 0.5% very fine grained dissemianted PY
662.20, 664.60, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated PY
664.60, 666.20, PYR, DIS, .50, -, VFG, 0.5% very fine grained dissemianted PY
666.20, 666.50, PYR, DIS, 1.00, -, VFG, 1% very fine grained disseminated PY
666.50, 667.90, PYR, DIS, .50, -, VFG, 0.5% very fine grained dissemianted PY

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107513 | 661.3 | 662.3 | 1.0 | 0.048 | | | | 2.84 |
| CAOND107514 | 662.3 | 663.5 | 1.2 | 0.072 | | | | 2.79 |
| CAOND107516 | 663.5 | 664.6 | 1.1 | 0.033 | | | | 2.81 |
| CAOND107517 | 664.6 | 666.0 | 1.4 | 0.016 | | | | 2.94 |
| CAOND107518 | 666.0 | 667.0 | 1.0 | 0.020 | | | | 2.91 |
| CAOND107519 | 667.0 | 668.0 | 1.0 | 0.020 | | | | 2.94 |
| CAOND107521 | 668.0 | 669.3 | 1.3 | 0.036 | | | | 2.83 |
| CAOND107522 | 669.3 | 670.6 | 1.3 | 0.012 | | | | 2.99 |
| CAOND107523 | 670.6 | 671.8 | 1.2 | 0.022 | | | | 2.96 |
| CAOND107524 | 671.8 | 672.5 | 0.7 | 0.013 | | | | 2.85 |
| CAOND107526 | 672.5 | 674.0 | 1.5 | 0.015 | | | | 2.99 |
| CAOND107527 | 674.0 | 675.0 | 1.0 | 0.020 | | | | 3.00 |
| CAOND107528 | 675.0 | 676.2 | 1.2 | 0.014 | | | | 2.98 |
| CAOND107529 | 676.2 | 677.5 | 1.3 | 0.016 | | | | 2.98 |

**Hole number:** KLUC19-546

667.90, 668.40, PYR, DIS, 2.00, -, VFG, 1-2% very fine grained disseminated PY
668.40, 670.80, PYR, DIS, .50, -, VFG, 0.5% very fine grained dissemianted PY
670.80, 671.20, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained disseminated PY
671.20, 672.50, PYR, DIS, 1.00, -, VFG, 1% very fine grained disseminated PY
672.50, 677.20, PYR, DIS, .50, -, VFG, 0.5% very fine grained dissemianted PY
677.20, 677.50, PYR, DIS, 2.00, -, VFG, 2% very fine grained disseminated PY

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
661.30, 677.50, CBT+, PAT, MOD, -, -, -, Moderate patchy to banded carbonate alteration
661.30, 677.50, SER+, BAN, MOD, -, -, -, Moderate banded and patches of Se alteration, occuring in the V8m units

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
661.30, 677.50, DFZ, MOD, 40.00, -, -, -, Moderate to strong parallel deformation at 40-50 TCA with local chaotic mm to cm scale folding
661.30, 677.50, FLD, WEAK, -, -, -, -, Chaotic mm to cm scale folding
661.30, 677.50, FOL, MOD, 40.00, -, -, -, Moderate to strong foliation at 40-50 TCA

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
676.20, 676.30, CBT, 80.00, -, -, -, -, -, -, -, PYR, 1.00, 8cm thick greenish white carb vein with 1% vfgr. diss. Py in margins
676.30, 677.50, CBT, 1.00, -, -, -, -, -, -, -, -, -, 1% mm scale chaotic carb veinning

**Major:** **From:** 677.50 **To:** 680.10 S, Roches sédimentaires indéterminées

Composition: Medium reddish brown, fine grained, homogeneous, massve; S - sediment Magnetism: Weak to moderately magnetic. Veinning: 1-2% mm scale chaotic carb veinning and 1x 4cm thick qtz vein. Structure: Undeformed with weak microfracturing. Alteration: Moderate pervasive hem alteration. Mineralization: 0.1-0.5% very fine grained disseminated PY and 1% specularite randomly in fractures of qtz vein. Lower Contact: Sharp and oriented at 40 TCA.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
677.50, 680.10, HEM+, PEN, MOD, -, -, -, Moderate pervasive hem? alteration

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
677.50, 680.10, CBT, 1.00, -, -, -, -, -, -, -, -, -, 1% mm scale chaotic carb veinning
679.60, 679.80, QTZ, 45.00, -, -, -, -, -, -, -, HEM, 1.00, 8cm thick qtz vein vein with 1% specularite

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107531 | 677.5 | 679.0 | 1.5 | 0.005 | | | | 2.76 |
| CAOND107532 | 679.0 | 680.1 | 1.1 | 0.008 | | | | 2.74 |

## Hole number: KLUC19-546

**Major:** **From:** 680.10 **To:** 715.60 V8m, Trachyte mafic

Alkaline unit 2 - chaotic tuffeceous Composition: Dark grey with bands and random patches of pale to medium grey with stringers to minor bands of greenish brown, chaotic tuffaceous texture; V8m - Trachyte mafic. Magnetism: Moderate to strong magnetism. Veinning: 3-5% cm scale chaotic and disconouous carbonate veinning. Structure: Moderate deformation throughout with alternating intervals of parallel deformation at 30-40 TCA and chaotic deformation. Alteration: Moderate patchy carbonate alteration and moderate stringers of sericite alteration. Mineralization: 0.1-0.5% very fine grained disseminated PY with minor intervals with up to 2% Py. Lower Contact: Sharp and straight; oriented at 40 TCA.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

680.10, 711.20, PYR, DIS, .50, -, VFG, 0.5% very fine grained dissemianted PY
711.20, 713.70, PYR, DIS, 5.00, -, VFG, 5-8% very fine grained dissemianted PY
713.70, 715.60, PYR, DIS, 1.00, -, VFG, 1% very fine grained disseminated PY

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

680.10, 711.20, SER+, STG, MOD, -, -, -, Moderate mm to cm scale stringers of Se alteration
680.10, 715.60, CBT+, PAT, MOD, -, -, -, Moderate patchy to banded carbonate alteration
711.20, 713.70, SER+, PEN, STRONG, -, -, -, Strong pervasive greenish yellow sericite alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

680.10, 681.00, BRR, MOD, -, -, -, -, -
680.10, 688.50, DFZ, MOD, 30.00, -, -, -, Weak to moderate parallel deformation at 30 TCA
680.10, 688.50, FOL, MOD, 30.00, -, -, -, Weak to moderate foliation at 30-40 TCA
688.50, 715.60, DFZ, MOD, -, -, -, -, Moderate chaotic deformation with local weak preferential alignment at 30-40 TCA

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

688.50, 700.00, CBT, 3.00, -, -, -, -, -, -, -, -, -, -, 3-5% chaotic, deformed and discontinous carb veinning
700.00, 715.60, CBT, 2.00, -, -, -, -, -, -, -, -, -, -, 1-2% chaotic, deformed and discontinous carb veinning

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107533 | 680.1 | 681.5 | 1.4 | 0.008 | | | | 2.90 |
| CAOND107534 | 681.5 | 683.0 | 1.5 | 0.036 | | | | 2.89 |
| CAOND107535 | 683.0 | 684.5 | 1.5 | 0.003 | | | | 2.89 |
| CAOND107536 | 684.5 | 686.0 | 1.5 | 0.006 | | | | 2.89 |
| CAOND107537 | 686.0 | 687.5 | 1.5 | 0.018 | | | | 2.86 |
| CAOND107538 | 687.5 | 688.5 | 1.0 | 0.012 | | | | 2.90 |
| CAOND107539 | 688.5 | 690.0 | 1.5 | 0.003 | | | | 2.93 |
| CAOND107540 | 690.0 | 691.5 | 1.5 | 0.003 | | | | 2.95 |
| CAOND107541 | 691.5 | 693.0 | 1.5 | 0.003 | | | | 2.95 |
| CAOND107542 | 693.0 | 694.5 | 1.5 | 0.003 | | | | 2.93 |
| CAOND107543 | 694.5 | 696.0 | 1.5 | 0.011 | | | | 2.93 |
| CAOND107544 | 696.0 | 697.5 | 1.5 | 0.012 | | | | 2.94 |
| CAOND107546 | 697.5 | 699.0 | 1.5 | 0.013 | | | | 2.94 |
| CAOND107547 | 699.0 | 700.5 | 1.5 | 0.006 | | | | 2.92 |
| CAOND107548 | 700.5 | 702.0 | 1.5 | 0.003 | | | | 2.92 |
| CAOND107549 | 702.0 | 703.5 | 1.5 | 0.005 | | | | 2.92 |
| CAOND107551 | 703.5 | 705.0 | 1.5 | 0.015 | | | | 2.93 |
| CAOND107552 | 705.0 | 706.5 | 1.5 | 0.091 | | | | 2.94 |
| CAOND107553 | 706.5 | 708.0 | 1.5 | 0.006 | | | | 2.94 |
| CAOND107554 | 708.0 | 709.5 | 1.5 | 0.007 | | | | 2.94 |
| CAOND107555 | 709.5 | 711.0 | 1.5 | 0.009 | | | | 2.93 |
| CAOND107556 | 711.0 | 712.0 | 1.0 | 0.497 | | | | 2.96 |
| CAOND107557 | 712.0 | 713.0 | 1.0 | 0.632 | | | | 2.99 |
| CAOND107558 | 713.0 | 714.0 | 1.0 | 0.715 | | | | 2.98 |
| CAOND107559 | 714.0 | 715.5 | 1.5 | 0.099 | | | | 2.94 |
| CAOND107561 | 715.5 | 717.0 | 1.5 | 0.631 | | | | 2.90 |

**Major:** **From:** 715.60 **To:** 733.50 V8, Trachyte

Alkaline unit 2 - massive Composition: medium brown reddish grey, very fine to fine grained, massive texture; V8 - Trachyte (temporary name). Magnetism: Strongly magnetic. Veinning: 3-5% irregular and chaotic qtz veinning trending parallel to core and passage with ~10%@~50°towards the end of interval. Structure: Dominantly undeformed with locally weak parallel deformation. Alteration: Weak pervasive hem/ Kspar alteration and weak to moderate pervasive carb alteration. Mineralization: 0.1-0.5% Py with local intervals containing 1-2% very fine grained disseminated Py. Lower Contact: discreet and gradual, ~50°

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107562 | 717.0 | 718.5 | 1.5 | 0.885 | | | | 2.86 |
| CAOND107563 | 718.5 | 720.0 | 1.5 | 0.625 | | | | 2.83 |
| CAOND107564 | 720.0 | 721.5 | 1.5 | 0.058 | | | | 2.83 |
| CAOND107565 | 721.5 | 723.0 | 1.5 | 0.029 | | | | 2.83 |
| CAOND107566 | 723.0 | 724.5 | 1.5 | 0.022 | | | | 2.84 |

**Hole number:** KLUC19-546

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
715.60, 717.00, PYR, DIS, 1.00, -, VFG, 1% very fine grained disseminated PY
717.00, 718.10, PYR, DIS, .50, -, VFG, 0.5% very fine grained dissemianted PY
718.10, 718.60, PYR, DIS, 1.00, -, VFG, 1% very fine grained disseminated PY
718.60, 727.00, PYR, DIS, .50, -, VFG, 0.5-1% very fine grained disseminated PY
721.10, 722.00, CPY, SPO, .50, -, FGR, 0.5% chalcopyrite occuring in qtz veins

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
715.60, 727.00, CBT+, PEN, WEAK, -, -, -, Weak pervasive carb alt.
715.60, 727.00, HEM+, PAT, WEAK, -, -, -, Weak patchy to locally pervasive hem

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
715.60, 718.70, FOL, WEAK, 30.00, -, -, -, Weak foliation at 30 TCA
715.60, 727.00, DFZ, WEAK, -, -, -, -, Weak deformation locally parallel

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
718.70, 722.10, QtzCbt, 3.00, -, -, -, -, -, -, -, CPY, .50, 3% chaotic and irregular qtz-carb veinnig trending parallel to core with 0.5% chalcopyrite random spotted in veins
722.80, 727.00, CBT, 1.00, -, -, -, -, -, -, -, -, -, 1-2% chaotic mm scale carb veinning
730.00, 733.00, QtzCbt, 10.00, 50.00, -, -, -, GRY2_BASIC, -, -, -, -, approx 10 % generally cm scale(between 1 to 3 cm)Qtz with Carb along the margins

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107567 | 724.5 | 726.0 | 1.5 | 0.125 | | | | 2.83 |
| CAOND107568 | 726.0 | 727.5 | 1.5 | 0.141 | | | | 2.81 |
| CAOND107569 | 727.5 | 729.0 | 1.5 | 0.087 | | | | 2.81 |
| CAOND107571 | 729.0 | 730.5 | 1.5 | 0.482 | | | | 2.82 |
| CAOND107572 | 730.5 | 732.0 | 1.5 | 0.797 | | | | 2.81 |
| CAOND107573 | 732.0 | 733.5 | 1.5 | 0.132 | | | | 2.86 |

**Major:** **From:** 733.50 **To:** 746.80 V8m, Trachyte mafic

Alkaline unit 2 - Mafic Trachyte Composition: Dark grey with bands and random patches of pale to medium grey with stringers to minor bands of greenish brown, locally chaotic tuffaceous texture; V8m - Trachyte mafic. Magnetism: Moderate to strong magnetism. Veinning: 3-5% mm scale chaotic and discontinuous carbonate veinning. Structure: Moderate parallel deformation at 30-40 TCA with local chaotic deformation. Alteration: Moderate stringers and patchy carbonate alteration ± stringers of sericite alteration. Mineralization: 0.1-0.5% very fine grained disseminated PY; locally Qtz vein with Gl (737-737.2m) Lower Contact: Sharp and straight; oriented at 50 TCA.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
734.00, 746.80, CBT+, VNT, MOD, -, -, -, stringers, veinlets, also local patches

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
734.00, 746.80, FOL, MOD, 40.00, -, -, -, locally passages of , semi-brecciated aspect or chaotic deformation

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107574 | 733.5 | 735.0 | 1.5 | 0.027 | | | | 2.93 |
| CAOND107576 | 735.0 | 736.5 | 1.5 | 0.038 | | | | 2.93 |
| CAOND107577 | 736.5 | 738.0 | 1.5 | 0.014 | | | | 2.88 |
| CAOND107578 | 738.0 | 739.5 | 1.5 | 0.028 | | | | 2.92 |
| CAOND107579 | 739.5 | 741.0 | 1.5 | 0.035 | | | | 2.93 |
| CAOND107581 | 741.0 | 742.5 | 1.5 | 0.023 | | | | 2.93 |
| CAOND107582 | 742.5 | 744.0 | 1.5 | 0.009 | | | | 2.93 |
| CAOND107583 | 744.0 | 745.5 | 1.5 | 0.007 | | | | 2.92 |
| CAOND107584 | 745.5 | 746.8 | 1.3 | 0.007 | | | | 2.92 |

**Hole number:** KLUC19-546

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
737.00, 737.20, QTZ, 10.00, 30.00, -, -, -, GRY2_BASIC, 2.00, -, GAL, .50, cluster of Gl in margin

**Major:** **From:** 746.80 **To:** 786.00 V8, Trachyte

Alkaline unit 2 - massive to locally tuffaceous (red spotted). Composition: Pinkish, orangish and purplish beige and orangish red with minor dark grey, dominantly massive texture with local tuffaceous intervals, 10% medium grained rounded red spots randomly observed throughout the unit; V8 - Trachyte (temporary name). Magnetism: Strongly magnetic. Veinning: 1-2% fracture filling carb veinlets and 3% qtz-carb veinning 1-2cm thick, both occuring locally. Structure: Dominantly undeformed to having weak to moderate healed microfracturing, weak foliation 40-50 TCA. Alteration: Weak pervasive Fe-carb alternating with moderate pervasive hem/ kspar alt. Mineralization: Disseminated Py from 0.5 to 10%; locally Gl in Carb vein Lower Contact: gradual, irregular oriented 40 TCA.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
753.20, 754.70, PYR, DIS, 3.00, -, FGR, associated to another lihtology ? V8m or simply to parallel deformation and Chl alteration?
767.00, 774.00, PYR, DIS, 5.00, -, FGR, 5-10% disseminated Py locally in patches
770.70, 770.80, GAL, AGR, 1.00, -, FGR, around cluster of Cpy in carb veinlet
780.80, 786.00, PYR, DIS, 1.00, -, FGR, discontinuous with a few stringers around 780.8m to 781.1m and disseminated

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
746.80, 747.00, CBT+, VNT, MOD, -, -, -, stringers, veinlets, also local patches
757.00, 785.00, CBT+, PEN, MOD, -, -, -, also K spar patches and Hem pervasive

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
746.80, 757.00, FOL, MOD, 40.00, -, -, -, locally passages of , semi-brecciated aspect or chaotic deformation
774.00, 782.00, FOL, WEAK, 50.00, -, -, -, parallel deformation and passages of chaotic/ semi-brecciated aspect

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
767.60, 774.00, QtzCbt, 3.00, -, -, -, -, -, -, -, GAL, .10, 770.7m to 770.8m carb veinlet with cluster of Cpy and Gl around; some Cpy in other Qtz-Carb veins along the interval
779.00, 781.20, QtzCbt, 5.00, -, -, -, -, GRY2_BASIC, -, -, -, -, mm scale to 2.5 cm large vein Qtz-Carb-Chl

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107585 | 746.8 | 748.0 | 1.2 | 0.043 | | | | 2.82 |
| CAOND107586 | 748.0 | 749.5 | 1.5 | 0.319 | | | | 2.83 |
| CAOND107587 | 749.5 | 751.0 | 1.5 | 0.047 | | | | 2.82 |
| CAOND107588 | 751.0 | 752.5 | 1.5 | 0.185 | | | | 2.85 |
| CAOND107589 | 752.5 | 754.0 | 1.5 | 0.013 | | | | 2.82 |
| CAOND107591 | 754.0 | 755.5 | 1.5 | 0.296 | | | | 2.84 |
| CAOND107592 | 755.5 | 757.0 | 1.5 | 0.012 | | | | 2.82 |
| CAOND107593 | 757.0 | 758.5 | 1.5 | 0.026 | | | | 2.83 |
| CAOND107594 | 758.5 | 760.0 | 1.5 | 0.037 | | | | 2.83 |
| CAOND107595 | 760.0 | 761.5 | 1.5 | 0.023 | | | | 2.84 |
| CAOND107596 | 761.5 | 763.0 | 1.5 | 0.009 | | | | 2.85 |
| CAOND107597 | 763.0 | 764.5 | 1.5 | 0.012 | | | | 2.84 |
| CAOND107598 | 764.5 | 766.0 | 1.5 | 0.009 | | | | 2.85 |
| CAOND107599 | 766.0 | 767.5 | 1.5 | 0.046 | | | | 2.86 |
| CAOND107601 | 767.5 | 769.0 | 1.5 | 0.029 | | | | 2.81 |
| CAOND107602 | 769.0 | 770.5 | 1.5 | 0.010 | | | | 2.82 |
| CAOND107603 | 770.5 | 772.0 | 1.5 | 0.023 | | | | 2.81 |
| CAOND107604 | 772.0 | 773.5 | 1.5 | 0.032 | | | | 2.86 |
| CAOND107605 | 773.5 | 775.0 | 1.5 | 0.019 | | | | 2.82 |
| CAOND107606 | 775.0 | 776.5 | 1.5 | 0.054 | | | | 2.84 |
| CAOND107607 | 776.5 | 778.0 | 1.5 | 0.021 | | | | 2.82 |
| CAOND107608 | 778.0 | 779.5 | 1.5 | 0.066 | | | | 2.83 |
| CAOND107609 | 779.5 | 781.0 | 1.5 | 0.062 | | | | 2.81 |
| CAOND107610 | 781.0 | 782.5 | 1.5 | 0.071 | | | | 2.84 |
| CAOND107611 | 782.5 | 784.0 | 1.5 | 0.051 | | | | 2.84 |
| CAOND107612 | 784.0 | 785.0 | 1.0 | 0.014 | | | | 2.84 |
| CAOND107613 | 785.0 | 786.0 | 1.0 | 0.040 | | | | 2.84 |

**Hole number:** KLUC19-546

**Major:** **From:** 786.00 **To:** 791.10 V8m, Trachyte mafic

Alkaline unit 2 - chaotic tuffaceous Composition: Dark grey, spotted with whitish-grey carb, chaotic tuffaceous texture; V8m - Trachyte mafic. Magnetism: Moderate to strong magnetism. Veinning: 1% cm-mm scale chaotic, discontinuous carbonate veinning. Structure: Weak parallel deformation at 40-50 TCA Alteration: Weak to locally moderate spotty locally patchy carbonate alteration with weak to moderate Chl Mineralization: 0.5% fine grained irregularly disseminated Py Lower Contact: Sharp and straight; oriented at 45 TCA.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

786.70, 791.00, CBT+, PAT, WEAK, -, -, -, spotty white -greyish carb

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107614 | 786.0 | 787.5 | 1.5 | 0.022 | | | | 2.94 |
| CAOND107616 | 787.5 | 789.0 | 1.5 | 0.041 | | | | 2.92 |
| CAOND107617 | 789.0 | 790.0 | 1.0 | 0.003 | | | | 2.92 |
| CAOND107618 | 790.0 | 791.1 | 1.1 | 0.003 | | | | 2.94 |

**Major:** **From:** 791.10 **To:** 794.80 V8, Trachyte

Alkaline unit 2 - massive Composition: Pinkish beige grey, dominantly massive texture to weak banded or semibrecciated weak aspect of V8 - Trachyte (temporary name). Magnetism: Strongly magnetic. Veinning: qtz-carb - chl veinning mm scale. Structure: Alteration: weak carb alternating with weak pervasive Hhem/Kspar alt and moderate parvasive carbonate Mineralization: Py between 1% with local accumulations Lower Contact: gradual, oriented at 40 TCA.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107619 | 791.1 | 792.5 | 1.4 | 0.012 | | | | 2.83 |
| CAOND107621 | 792.5 | 793.5 | 1.0 | 0.100 | | | | 2.82 |
| CAOND107622 | 793.5 | 794.8 | 1.3 | 0.040 | | | | 2.84 |

**Major:** **From:** 794.80 **To:** 798.70 V8m, Trachyte mafic

Alkaline unit 2 - chaotic tuffeceous Composition: Dark grey with spotted carbonate, V8m - Trachyte mafic. Magnetism: Moderate magnetism. Veinning: 1% mm scale Carb dominantly veinning. Structure: Weak parallel deformation at 50 TCA; broken passage Alteration: Moderate carbonate alteration, ± Chl Mineralization: 0.1-0.5% very fine grained disseminated PY Lower Contact: gradual, oriented at 40 TCA.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

795.00, 798.60, CBT+, PAT, MOD, -, -, -, spotty white-greyish carb
798.60, 798.70, CBT+, PAT, MOD, -, -, -, with stronger passages

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

797.00, 797.70, BRR, MOD, 40.00, -, -, -, -
798.00, 798.70, FOL, MOD, 50.00, -, -, -, parallel déformation with local semi-brecciated aspect

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107623 | 794.8 | 796.0 | 1.2 | 0.003 | | | | 2.94 |
| CAOND107624 | 796.0 | 797.5 | 1.5 | 0.003 | | | | 2.85 |
| CAOND107626 | 797.5 | 798.7 | 1.2 | 0.003 | | | | 2.93 |

**Major:** **From:** 798.70 **To:** 811.30 V8, Trachyte

Alkaline unit 2? - massive to locally tuffaceous Composition: Brownish beige, massive texture with parallel deformation/ looking like bedding and a weak semibrecciated aspect, V8 ?- Trachyte (temporary name). Magnetism: Moderate to strongly magnetic. Veinning: 1-2% fracture filling carb veinlets Structure: Parallel deformation 40TCA with semibrecciated aspect Alteration: Moderate pervasive carb alteration, pervasive and patchy Chl and Kspar . Mineralization: disseminated Py ~10% Lower Contact: straight; oriented at 60 TCA.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107627 | 798.7 | 800.0 | 1.3 | 0.008 | | | | 2.83 |
| CAOND107628 | 800.0 | 801.5 | 1.5 | 0.015 | | | | 2.83 |
| CAOND107629 | 801.5 | 803.0 | 1.5 | 0.026 | | | | 2.84 |
| CAOND107631 | 803.0 | 804.5 | 1.5 | 0.037 | | | | 2.85 |
| CAOND107632 | 804.5 | 806.0 | 1.5 | 0.010 | | | | 2.83 |

**Hole number:** KLUC19-546

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
800.00, 811.30, PYR, DIS, 5.00, -, FGR, accumulations up to 15-20% by intervals, getting patchy or locally stringer

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
798.70, 811.30, CBT+, PAT, MOD, -, -, -, with stronger passages

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
798.70, 806.00, FOL, MOD, 50.00, -, -, -, parallel déformation with local semi-brecciated aspect

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
806.40, 809.00, QtzCbt, 5.00, -, -, -, -, GRY2_BASIC, -, -, -, -, from locally Qtz dominant with brecciated aspect , patches of Chl to Carbonate dominant veins and veinletswith Hem/Kspar

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107633 | 806.0 | 807.5 | 1.5 | 0.038 | | | | 2.83 |
| CAOND107634 | 807.5 | 809.0 | 1.5 | 0.058 | | | | 2.85 |
| CAOND107635 | 809.0 | 810.5 | 1.5 | 0.089 | | | | 2.84 |
| CAOND107636 | 810.5 | 811.3 | 0.8 | 0.186 | | | | 2.83 |

**Major:** **From:** 811.30 **To:** 818.20 V8m, Trachyte mafic

Alkaline unit 2 - chaotic tuffeceous Composition: Dark grey with spotted carbonate, V8m - Trachyte mafic. Magnetism: Moderate magnetism. Veinning: 5% generally mm scale Carb dominantly veinning. Structure: Weak to moderate parallel deformation at 50 TCA Alteration: moderate Calcite alteration, ± Chl and amphy Mineralization: 0.1-0.5% very fine grained disseminated PY Lower Contact: gradual, oriented at 40 TCA.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
811.30, 818.20, CBT+, PAT, MOD, -, -, -, with stronger passages

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
811.50, 818.20, FOL, MOD, 50.00, -, -, -, parallel deformation with local chaotic passage

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107637 | 811.3 | 812.5 | 1.2 | 0.199 | | | | 2.91 |
| CAOND107638 | 812.5 | 814.0 | 1.5 | 0.003 | | | | 2.91 |
| CAOND107639 | 814.0 | 815.5 | 1.5 | 0.005 | | | | 2.89 |
| CAOND107640 | 815.5 | 817.0 | 1.5 | 0.042 | | | | 2.89 |
| CAOND107641 | 817.0 | 818.2 | 1.2 | 0.020 | | | | 2.88 |

**Major:** **From:** 818.20 **To:** 825.10 V8, Trachyte

Alkaline unit 2? - massive to locally tuffaceous Composition: Pinkish, orangish and purplish beige, dominantly massive texture with a semibrecciated aspect passages and banded/parallel deformation, V8 ?- Trachyte (temporary name)/ could possibly be a deformed intrusive (Zr <300) Magnetism: weak magnetic. Veinning: 5% fracture filling carb veinlets Structure: Parallel deformation 50TCA with semibrecciated aspect Alteration: Moderate pervasive carb alteration, pervasive and patchy Chl and Kspar; looking like Silica alteration? Mineralization: disseminated Py ~10% Lower Contact: Sharp and straight; oriented at 50 TCA.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107642 | 818.2 | 819.5 | 1.3 | 0.218 | | | | 2.85 |
| CAOND107643 | 819.5 | 821.0 | 1.5 | 0.345 | | | | 2.89 |
| CAOND107644 | 821.0 | 822.5 | 1.5 | 0.122 | | | | 2.89 |
| CAOND107646 | 822.5 | 824.0 | 1.5 | 0.169 | | | | 2.89 |
| CAOND107647 | 824.0 | 825.1 | 1.1 | 2.170 | | | | 2.87 |

**Hole number:** KLUC19-546

818.20, 825.10, PYR, DIS, 10.00, -, FGR, locally fractures filling

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
818.20, 825.10, CBT+, PAT, MOD, -, -, -, with stronger passages

**Major:** **From:** 825.10 **To:** 845.20 V8m, Trachyte mafic

Alkaline unit 2 - chaotic tuffeceous Composition: Dark grey with bands of Calcite, V8m - Trachyte mafic. Magnetism: Moderate magnetism. Veinning: ~5-10% scale continuous calcite veinning. Structure: Moderate to strong parallel deformation throughout at 40TCA Alteration: Moderate to strong calcite alteration Mineralization: 0.1-0.5% fine grained disseminated PY Lower Contact: sharp @ 40°

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
845.10, 845.20, PYR, DIS, 2.00, -, FGR, local accumulation up to 5% to the contact (Chl alteration); Py associated to a possible Silica alt (?)

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
825.10, 845.20, CBT+, PAT, MOD, -, -, -, with stronger passages
825.10, 845.20, CAL+, PEN, MOD, -, -, -, moderate to strong pervasive and veining

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
825.10, 845.20, FOL, MOD, 45.00, -, -, -, a parallel deformation to strong and weak but still present on passages of I2Dp; locally short broken intervals

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
825.10, 845.20, CAL, 10.00, 50.00, -, -, -, GRY_00025, -, -, -, -, parallel mm scale Calcite veining

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107648 | 825.1 | 826.5 | 1.4 | 0.054 | | | | 2.87 |
| CAOND107649 | 826.5 | 828.0 | 1.5 | 0.171 | | | | 2.89 |
| CAOND107651 | 828.0 | 829.5 | 1.5 | 0.006 | | | | 2.86 |
| CAOND107652 | 829.5 | 831.0 | 1.5 | 0.059 | | | | 2.90 |
| CAOND107653 | 831.0 | 832.5 | 1.5 | 0.045 | | | | 2.90 |
| CAOND107654 | 832.5 | 834.0 | 1.5 | 0.003 | | | | 2.90 |
| CAOND107655 | 834.0 | 835.5 | 1.5 | 0.006 | | | | 2.90 |
| CAOND107656 | 835.5 | 837.0 | 1.5 | 0.005 | | | | 2.89 |
| CAOND107657 | 837.0 | 838.5 | 1.5 | 0.008 | | | | 2.86 |
| CAOND107658 | 838.5 | 840.0 | 1.5 | 0.012 | | | | 2.87 |
| CAOND107659 | 840.0 | 841.5 | 1.5 | 0.016 | | | | 2.88 |
| CAOND107661 | 841.5 | 843.0 | 1.5 | 0.009 | | | | 2.88 |
| CAOND107662 | 843.0 | 844.0 | 1.0 | 4.290 | | | | 2.87 |
| CAOND107663 | 844.0 | 845.2 | 1.2 | 0.428 | | | | 2.87 |

**Major:** **From:** 845.20 **To:** 851.80 I2Dp, Porphyritic Syenite

Composition: Medium grey, fine to medium grained porphyry intrusion; I2Dp - Syenite porphyry. Magnetism: Non magnetic. Veinning: 1-2% random mm - cm scale Qtz-Carb veinning. Structure: Slightly, parallel alignment 40 ° and a short broken passage Alteration: weak carbonate, Hem/Kspar Mineralization: 0.5 to locally 1% fine grained disseminated Py Lower Contact: Gradual, 40°

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
845.20, 846.00, PYR, DIS, 2.00, -, FGR, local accumulation up to 5% to the contact (Chl alteration); Py associated to a possible Silica alt (?)

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107664 | 845.2 | 846.5 | 1.3 | 0.273 | | | | 2.71 |
| CAOND107665 | 846.5 | 848.0 | 1.5 | 0.024 | | | | 2.69 |
| CAOND107666 | 848.0 | 849.5 | 1.5 | 0.014 | | | | 2.69 |
| CAOND107667 | 849.5 | 851.0 | 1.5 | 0.010 | | | | 2.68 |
| CAOND107668 | 851.0 | 851.8 | 0.8 | 0.673 | | | | 2.70 |

**Hole number:** KLUC19-546

845.20, 851.80, CBT+, PAT, MOD, -, -, -, with stronger passages
845.20, 851.80, CAL+, PEN, MOD, -, -, -, moderate to strong pervasive and veining

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
845.20, 851.80, FOL, MOD, 45.00, -, -, -, a parallel deformation to strong and weak but still present on passages of l2Dp; locally short broken intervals
850.10, 850.80, FRA, MOD, -, -, -, -, locally rubbled

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
845.20, 851.80, CAL, 10.00, 50.00, -, -, -, GRY_00025, -, -, -, -, parallel mm scale Calcite veining
850.30, 851.80, QtzCbt, 5.00, 70.00, -, -, -, GRY2_BASIC, -, -, PYR, .50, Qtz-Carb-Hem-Chl irregular veining, generally mm scale

**Major:** **From:** 851.80 **To:** 903.00 V8m, Trachyte mafic

Alkaline unit 2 - chaotic tuffeceous Composition: Dark grey with bands of Calcite, V8m - Trachyte mafic. Magnetism: Moderate magnetism. Veinning: ~10% scale chaotic and continuous calcite veinning. Structure: Moderate to strong parallel deformation throughout at 40TCA; short broken passages Alteration: Moderate to strong calcite alteration Mineralization: 0.1-0.5% very fine grained disseminated PY Lower Contact: broken, 50°

**MINOR INTERVAL**
866.70 - 867.40: V8Short interval of V8 with .more than 50% Qtz-Carb-Chl veining; little cluster of Galena associated

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
863.00, 864.20, PYR, DIS, 5.00, -, FGR, associated to a Chl-Sericite(?) alteration
867.00, 867.10, GAL, FRF, .20, -, FGR, associated to interval of V8 with Qtz-Carb-Chl veining

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
851.80, 903.00, CBT+, PAT, MOD, -, -, -, with stronger passages
851.80, 903.00, CAL+, PEN, MOD, -, -, -, moderate to strong pervasive and veining

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
851.80, 903.00, FOL, MOD, 45.00, -, -, -, a parallel deformation to strong and weak but still present on passages of l2Dp; locally short broken intervals
863.60, 864.40, FRA, MOD, 40.00, -, -, -, locally rubbled
886.40, 887.50, FRA, MOD, 40.00, -, -, -, moderately fragmented along the parallel deformation structure weaken by a stronger alteration in Chl and dissolution of Calcite

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107669 | 851.8 | 853.0 | 1.2 | 0.016 | | | | 2.88 |
| CAOND107671 | 853.0 | 854.5 | 1.5 | 0.003 | | | | 2.87 |
| CAOND107672 | 854.5 | 856.0 | 1.5 | 0.007 | | | | 2.88 |
| CAOND107673 | 856.0 | 857.5 | 1.5 | 0.003 | | | | 2.88 |
| CAOND107674 | 857.5 | 859.0 | 1.5 | 0.019 | | | | 2.88 |
| CAOND107676 | 859.0 | 860.5 | 1.5 | 0.018 | | | | 2.88 |
| CAOND107677 | 860.5 | 862.0 | 1.5 | 0.203 | | | | 2.87 |
| CAOND107678 | 862.0 | 863.5 | 1.5 | 0.650 | | | | 2.86 |
| CAOND107679 | 863.5 | 865.0 | 1.5 | 0.282 | | | | 2.86 |
| CAOND107681 | 865.0 | 866.0 | 1.0 | 0.013 | | | | 2.88 |
| CAOND107682 | 866.0 | 866.7 | 0.7 | 0.013 | | | | 2.67 |
| CAOND107683 | 866.7 | 867.4 | 0.7 | 0.065 | | | | 2.83 |
| CAOND107684 | 867.4 | 868.0 | 0.6 | 0.009 | | | | 2.91 |
| CAOND107685 | 868.0 | 869.5 | 1.5 | 0.003 | | | | 2.90 |
| CAOND107686 | 869.5 | 871.0 | 1.5 | 0.005 | | | | 2.90 |
| CAOND107687 | 871.0 | 872.5 | 1.5 | 0.022 | | | | 2.91 |
| CAOND107688 | 872.5 | 874.0 | 1.5 | 0.003 | | | | 2.90 |
| CAOND107689 | 874.0 | 875.5 | 1.5 | 0.003 | | | | 2.90 |
| CAOND107691 | 875.5 | 877.0 | 1.5 | 0.003 | | | | 2.90 |
| CAOND107692 | 877.0 | 878.5 | 1.5 | 0.003 | | | | 2.88 |

**Hole number:** KLUC19-546

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
851.80, 903.00, CAL, 10.00, 50.00, -, -, -, GRY_00025, -, -, -, -, parallel mm scale Calcite veining
866.90, 867.30, QtzCbtChl, 75.00, -, -, -, -, GRY2_BASIC, -, -, GAL, .10, interval of V8 with Qtz-Carb vein
885.60, 886.00, QtzCalChl, 35.00, -, -, -, -, GRY2_BASIC, -, -, -, -, irregular Qtz-Ca-Chl veining

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107693 | 878.5 | 880.0 | 1.5 | 0.003 | | | | 2.92 |
| CAOND107694 | 880.0 | 881.5 | 1.5 | 0.008 | | | | 2.90 |
| CAOND107695 | 881.5 | 883.0 | 1.5 | 0.012 | | | | 2.88 |
| CAOND107696 | 883.0 | 884.5 | 1.5 | 0.007 | | | | 2.87 |
| CAOND107697 | 884.5 | 885.6 | 1.1 | 0.022 | | | | 2.88 |
| CAOND107698 | 885.6 | 886.1 | 0.5 | 0.005 | | | | 2.82 |
| CAOND107699 | 886.1 | 887.5 | 1.4 | 0.007 | | | | 2.85 |
| CAOND107701 | 887.5 | 889.0 | 1.5 | 0.010 | | | | 2.87 |
| CAOND107702 | 889.0 | 890.5 | 1.5 | 0.017 | | | | 2.88 |
| CAOND107703 | 890.5 | 892.0 | 1.5 | 0.020 | | | | 2.87 |
| CAOND107704 | 892.0 | 893.5 | 1.5 | 0.003 | | | | 2.90 |
| CAOND107705 | 893.5 | 895.0 | 1.5 | 0.010 | | | | 2.87 |
| CAOND107706 | 895.0 | 896.5 | 1.5 | 0.003 | | | | 2.88 |
| CAOND107707 | 896.5 | 898.0 | 1.5 | 0.005 | | | | 2.91 |
| CAOND107708 | 898.0 | 899.5 | 1.5 | 0.003 | | | | 2.94 |
| CAOND107709 | 899.5 | 901.0 | 1.5 | 0.008 | | | | 2.91 |
| CAOND107710 | 901.0 | 902.0 | 1.0 | 0.037 | | | | 2.96 |
| CAOND107711 | 902.0 | 903.0 | 1.0 | 0.010 | | | | 2.93 |

**Major:** **From:** 903.00 **To:** 905.00 I2Dp, Porphyritic Syenite

Composition: Medium greenish -grey , fine to medium grained phenocryst dominated porphyry intrusion; I2Dp - Syenite porphyry. Magnetism: Non magnetic. Veinning: 1% random mm scale Qtz-Carb veinning. Structure: visible preferential alignment at 40-50 TCA. Alteration: Weak pervasive Chl Mineralization: 0.1% very fine grained disseminated Py Lower Contact: discreet, 50°

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
903.00, 905.00, CBT+, PAT, MOD, -, -, -, with stronger passages
903.00, 905.00, CAL+, PEN, MOD, -, -, -, moderate to strong pervasive and veining

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
903.00, 905.00, FOL, MOD, 45.00, -, -, -, a parallel deformation to strong and weak but still present on passages of I2Dp; locally short broken intervals

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
903.00, 905.00, CAL, 10.00, 50.00, -, -, -, GRY_00025, -, -, -, -, parallel mm scale Calcite veining

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107712 | 903.0 | 904.0 | 1.0 | 0.021 | | | | 2.78 |
| CAOND107713 | 904.0 | 905.0 | 1.0 | 0.016 | | | | 2.76 |

**Hole number:** KLUC19-546

**Major:** **From:** 905.00 **To:** 918.20 V8m, Trachyte mafic

Alkaline unit 2 - chaotic tuffeceous Composition: Dark grey with bands of Calcite, V8m - Trachyte mafic. Magnetism: Moderate magnetism. Veinning: ~5% mm to cm scale continuous Qtz-calcite veinning. Structure: Moderate to strong parallel deformation throughout at 40 TCA Alteration: Moderate to strong calcite alteration Mineralization: 0.1 very fine grained disseminated PY Lower Contact: sharp, 30°

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

912.30, 912.40, GAL, IRR, .20, -, FGR, associated to Qtz-Calcite vein

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

905.00, 918.20, CBT+, PAT, MOD, -, -, -, with stronger passages

905.00, 918.20, CAL+, PEN, MOD, -, -, -, moderate to strong pervasive and veining

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

905.00, 918.20, FOL, MOD, 45.00, -, -, -, a parallel deformation to strong and weak but still present on passages of I2Dp; locally short broken intervals

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/CON
NTS

905.00, 918.20, CAL, 10.00, 50.00, -, -, -, GRY_00025, -, -, -, -, parallel mm scale Calcite veining

912.30, 912.40, QtzCal, 40.00, 60.00, -, -, -, GRY2_BASIC, 4.00, -, GAL, .20, Qtz-Calcite vein with Gl

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107714 | 905.0 | 906.5 | 1.5 | 0.003 | | | | 2.95 |
| CAOND107716 | 906.5 | 908.0 | 1.5 | 0.003 | | | | 2.92 |
| CAOND107717 | 908.0 | 909.5 | 1.5 | 0.007 | | | | 2.96 |
| CAOND107718 | 909.5 | 911.0 | 1.5 | 0.006 | | | | 2.93 |
| CAOND107719 | 911.0 | 912.5 | 1.5 | 0.003 | | | | 2.87 |
| CAOND107721 | 912.5 | 914.0 | 1.5 | 0.014 | | | | 2.89 |
| CAOND107722 | 914.0 | 915.5 | 1.5 | 0.005 | | | | 2.93 |
| CAOND107723 | 915.5 | 917.0 | 1.5 | 0.003 | | | | 2.93 |
| CAOND107724 | 917.0 | 918.2 | 1.2 | 0.010 | | | | 2.91 |

**Major:** **From:** 918.20 **To:** 919.30 I2Dp, Porphyritic Syenite

Composition: Medium greenish -grey , fine to medium grained phenocryst dominated porphyry intrusion; I2Dp - Syenite porphyry. Magnetism: Non magnetic. Veinning: 1% random mm scale Qtz-Carb veinning. Structure: visible preferential alignment at 40TCA. Alteration: Weak pervasive Chl Mineralization: 0.1% very fine grained disseminated Py Lower Contact: sharp, 50°

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

918.20, 919.30, CBT+, PAT, MOD, -, -, -, with stronger passages

918.20, 919.30, CAL+, PEN, MOD, -, -, -, moderate to strong pervasive and veining

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

918.20, 919.30, FOL, MOD, 45.00, -, -, -, a parallel deformation to strong and weak but still present on passages of I2Dp; locally short broken intervals

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/CON

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107726 | 918.2 | 919.3 | 1.1 | 0.007 | | | | 2.72 |

**Hole number:** KLUC19-546

NTS
918.20, 919.30, CAL, 10.00, 50.00, -, -, -, GRY_00025, -, -, -, -, parallel mm scale Calcite veining

**Major:** **From:** 919.30 **To:** 942.70 V8m, Trachyte mafic

Alkaline unit 2 - chaotic tuffeceous Composition: Dark grey with bands of Calcite, V8m - Trachyte mafic. Magnetism: Moderate magnetism. Veinning: ~5-10% mm to cm scale continuous Qtz-calcite veinning. Structure: Moderate parallel deformation throughout at 40-50 TCA Alteration: Moderate to strong calcite alteration Mineralization: 0.1 very fine grained disseminated PY Lower Contact: sharp, 55°

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
919.30, 942.70, CBT+, PAT, MOD, -, -, -, with stronger passages
919.30, 942.70, CAL+, PEN, MOD, -, -, -, moderate to strong pervasive and veining

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
919.30, 942.70, FOL, MOD, 45.00, -, -, -, a parallel deformation to strong and weak but still present on passages of I2Dp; locally short broken intervals

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/CON
NTS
919.30, 933.00, CAL, 10.00, 50.00, -, -, -, GRY_00025, -, -, -, -, parallel mm scale Calcite veining
939.00, 942.70, QtzCbt, 6.00, 45.00, -, -, -, GRY2_BASIC, 70.00, -, -, -, Qtz-Carb -chl veins, mm to 8 cm large

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107727 | 919.3 | 920.5 | 1.2 | 0.010 | | | | 2.92 |
| CAOND107728 | 920.5 | 922.0 | 1.5 | 0.007 | | | | 2.95 |
| CAOND107729 | 922.0 | 923.5 | 1.5 | 0.005 | | | | 2.97 |
| CAOND107731 | 923.5 | 925.0 | 1.5 | 0.007 | | | | 2.96 |
| CAOND107732 | 925.0 | 926.5 | 1.5 | 0.003 | | | | 2.97 |
| CAOND107733 | 926.5 | 928.0 | 1.5 | 0.006 | | | | 2.93 |
| CAOND107734 | 928.0 | 929.5 | 1.5 | 0.006 | | | | 2.90 |
| CAOND107735 | 929.5 | 931.0 | 1.5 | 0.008 | | | | 2.90 |
| CAOND107736 | 931.0 | 932.5 | 1.5 | 0.003 | | | | 2.95 |
| CAOND107737 | 932.5 | 934.0 | 1.5 | 0.003 | | | | 2.95 |
| CAOND107738 | 934.0 | 935.5 | 1.5 | 0.003 | | | | 2.92 |
| CAOND107739 | 935.5 | 937.0 | 1.5 | 0.003 | | | | 2.90 |
| CAOND107740 | 937.0 | 938.5 | 1.5 | 0.003 | | | | 2.95 |
| CAOND107741 | 938.5 | 940.0 | 1.5 | 0.006 | | | | 2.90 |
| CAOND107742 | 940.0 | 941.5 | 1.5 | 0.014 | | | | 2.87 |
| CAOND107743 | 941.5 | 942.7 | 1.2 | 0.018 | | | | 2.87 |

**Major:** **From:** 942.70 **To:** 944.00 I2D, Syénite

Composition: Medium greenish grey, fine to medium grained porphyry intrusion; I2D ?- Syenite Magnetism: weak magnetic. Veinning: 1-2% mm scale Qtz-Carb veinning. Structure: Parallel alignment 40 ° Alteration: moderate calcite, weak carbonate, chl Mineralization: 0.1% fine grained disseminated Py Lower Contact: Sharp, 50°

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
942.70, 944.00, CBT+, PAT, MOD, -, -, -, with stronger passages
942.70, 944.00, CAL+, PEN, MOD, -, -, -, moderate to strong pervasive and veining

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
942.70, 944.00, FOL, MOD, 45.00, -, -, -, a parallel deformation to strong and weak but still present on passages of I2Dp; locally short broken intervals

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/CON

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107744 | 942.7 | 944.0 | 1.3 | 0.010 | | | | 2.79 |

**Hole number:** KLUC19-546

NTS
942.70, 944.00, QtzCbt, 6.00, 45.00, -, -, -, GRY2_BASIC, 70.00, -, -, -, Qtz-Carb -chl veins, mm to 8 cm large

**Major:** **From:** 944.00 **To:** 958.70 V8m, Trachyte mafic

Alkaline unit 2 - chaotic tuffeceous Composition: Dark grey with bands of Calcite, with a short 40 cm passage of intrusive, V8m - Trachyte mafic. Magnetism: Moderate to locally stronger magnetism. Veinning: ~5-10% mm to cm scale continuous Qtz-Ank(Carb)-Chl veinning. Structure: Moderate parallel deformation throughout at 40-50 TCA Alteration: Moderate to strong calcite alteration Mineralization: 0.5 to local accumulations fine grained disseminated PY Lower Contact: sharp 50°

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
954.00, 958.00, PYR, FRF, .50, -, FGR, fine to very fine, irregular distribution associated to thin fractures with local accumulations to 2%; associated to a moderate Chl alteration and locally sericite

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
944.00, 958.70, CBT+, PAT, MOD, -, -, -, with stronger passages
944.00, 958.70, CAL+, PEN, MOD, -, -, -, moderate to strong pervasive and veining

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
944.00, 958.70, FOL, MOD, 45.00, -, -, -, a parallel deformation to strong and weak but still present on passages of I2Dp; locally short broken intervals

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/CON
NTS
944.00, 951.10, QtzCbt, 6.00, 45.00, -, -, -, GRY2_BASIC, 70.00, -, -, -, Qtz-Carb -chl veins, mm to 8 cm large
951.20, 957.70, QtzAnkChl, 5.00, -, -, -, -, GRY2_BASIC, -, -, -, -, irregular-patchy Qtz- Carb (Ankerite?) redish veins and veinlets

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107746 | 944.0 | 945.5 | 1.5 | 0.003 | | | | 2.90 |
| CAOND107747 | 945.5 | 947.0 | 1.5 | 0.003 | | | | 2.89 |
| CAOND107748 | 947.0 | 948.5 | 1.5 | 0.003 | | | | 2.88 |
| CAOND107749 | 948.5 | 950.0 | 1.5 | 0.003 | | | | 2.86 |
| CAOND107751 | 950.0 | 951.5 | 1.5 | 0.003 | | | | 2.88 |
| CAOND107752 | 951.5 | 953.0 | 1.5 | 0.003 | | | | 2.83 |
| CAOND107753 | 953.0 | 954.5 | 1.5 | 0.007 | | | | 2.87 |
| CAOND107754 | 954.5 | 956.0 | 1.5 | 0.008 | | | | 2.92 |
| CAOND107755 | 956.0 | 957.5 | 1.5 | 0.012 | | | | 2.88 |
| CAOND107756 | 957.5 | 958.7 | 1.2 | 0.011 | | | | 2.90 |

**Major:** **From:** 958.70 **To:** 970.80 I2D, Syénite

Composition: Medium greenish grey, fine to medium grained intrusion; I2D ?- Syenite Magnetism: Non magnetic. Veinning: 1-2% mm scale Qtz-Carb veinning. Structure: parallel deformation 40 ° Alteration: moderate to strong Calcite, weak-moderate carbonate, Chl Mineralization: 0.1-0.5 fine grained disseminated Py Lower Contact: Gradual, 40°

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
958.70, 970.80, CBT+, PAT, MOD, -, -, -, with stronger passages
958.70, 970.80, CAL+, PEN, MOD, -, -, -, moderate to strong pervasive and veining

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107757 | 958.7 | 960.0 | 1.3 | 0.003 | | | | 2.78 |
| CAOND107758 | 960.0 | 961.5 | 1.5 | 0.021 | | | | 2.77 |
| CAOND107759 | 961.5 | 963.0 | 1.5 | 0.041 | | | | 2.77 |
| CAOND107761 | 963.0 | 964.5 | 1.5 | 0.015 | | | | 2.77 |
| CAOND107762 | 964.5 | 966.0 | 1.5 | 0.003 | | | | 2.77 |
| CAOND107763 | 966.0 | 967.5 | 1.5 | 0.003 | | | | 2.77 |
| CAOND107764 | 967.5 | 969.0 | 1.5 | 0.068 | | | | 2.83 |

**Hole number:** KLUC19-546

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
958.70, 970.80, FOL, MOD, 45.00, -, -, -, a parallel deformation to strong and weak but still present on passages of I2Dp; locally short broken intervals

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107765 | 969.0 | 970.0 | 1.0 | 0.008 | | | | 2.79 |
| CAOND107766 | 970.0 | 970.8 | 0.8 | 0.003 | | | | 2.77 |

**Major:** **From:** 970.80 **To:** 976.60 V8m, Trachyte mafic

Alkaline unit 2 - chaotic tuffeceous Composition: Dark grey with bands of Calcite, V8m - Trachyte mafic. Magnetism: Moderate to locally stronger magnetism. Veinning: ~5-10% mm to cm scale Qtz-cAnk(Carb) veinning. Structure: Moderate parallel deformation throughout at 40-50 TCA Alteration: Moderate to strong calcite alteration Mineralization: 0.5-1% fine grained disseminated PY Lower Contact: sharp

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107767 | 970.8 | 972.0 | 1.2 | 0.003 | | | | 2.88 |
| CAOND107768 | 972.0 | 973.5 | 1.5 | 0.010 | | | | 2.86 |
| CAOND107769 | 973.5 | 975.0 | 1.5 | 0.003 | | | | 2.84 |
| CAOND107771 | 975.0 | 976.0 | 1.0 | 0.024 | | | | 2.85 |
| CAOND107772 | 976.0 | 976.6 | 0.6 | 0.047 | | | | 2.85 |

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
974.00, 976.10, PYR, FRF, .50, -, FGR, associated to Chl alt? and the occurrences of Qtz-Carb(Ank) veins

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
970.80, 976.60, CBT+, PAT, MOD, -, -, -, with stronger passages
970.80, 976.60, CAL+, PEN, MOD, -, -, -, moderate to strong pervasive and veining

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
970.80, 976.60, FOL, MOD, 45.00, -, -, -, a parallel deformation to strong and weak but still present on passages of I2Dp; locally short broken intervals

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
972.00, 974.70, QtzAnkChl, 11.00, 40.00, -, -, -, GRY2_BASIC, 30.00, -, -, -, Qtz- Carb (Ankerite?) redish veins

**Major:** **From:** 976.60 **To:** 984.30 I2D, Syénite

Composition: Medium grey, fine to medium grained parallel deformed intrusion; I2D? - Syenite Magnetism: Non magnetic. Veinning: 5% generally mm scale Qtz-Carb veinning. Structure: parallel deformation 40 ° Alteration: Moderate to strong Calcite, weak to moderate carbonate, Chl Mineralization: 0.1-0.5 % fine grained disseminated Py Lower Contact: Gradual, 25°

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107773 | 976.6 | 978.0 | 1.4 | 0.015 | | | | 2.77 |
| CAOND107774 | 978.0 | 979.5 | 1.5 | 0.095 | | | | 2.77 |
| CAOND107776 | 979.5 | 981.0 | 1.5 | 0.350 | | | | 2.77 |
| CAOND107777 | 981.0 | 982.5 | 1.5 | 0.066 | | | | 2.76 |
| CAOND107778 | 982.5 | 983.5 | 1.0 | 0.052 | | | | 2.77 |
| CAOND107779 | 983.5 | 984.3 | 0.8 | 0.091 | | | | 2.74 |

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
983.50, 984.30, PYR, DIS, 1.00, -, FGR, irregular distribution with local accumulations up to 2%

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

**Hole number:** KLUC19-546

976.60, 984.30, CBT+, PAT, MOD, -, -, -, with stronger passages
976.60, 984.30, CAL+, PEN, MOD, -, -, -, moderate to strong pervasive and veining

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
976.60, 984.30, FOL, MOD, 45.00, -, -, -, a parallel deformation to strong and weak but still present on passages of I2Dp; locally short broken intervals

**Major: From:** 984.30 **To:** 987.10 I2Dmp, Syenite mafic porphyryitic

Composition: Medium redish- brownish - greenish grey, fine to medium grained porphyry intrusion; I2DMp - Mafic Syenite porphyry. Magnetism: Non magnetic. Veinning: 5% random mm - cm scale Qtz-Carb veinning. Structure: Chaotic structure and a short broken passage Alteration: weak carbonate, Hem/Kspar Mineralization: 0.5 to locally 1% fine grained disseminated Py Lower Contact: Sharp, 50°

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107781 | 984.3 | 985.6 | 1.3 | 0.047 | | | | 2.69 |
| CAOND107782 | 985.6 | 987.1 | 1.5 | 0.240 | | | | 2.73 |

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
984.30, 987.10, PYR, DIS, 1.00, -, FGR, irregular distribution with local accumulations up to 2%

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
984.30, 987.10, CBT+, PAT, MOD, -, -, -, with stronger passages
984.30, 987.10, CAL+, PEN, MOD, -, -, -, moderate to strong pervasive and veining

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
984.30, 987.10, FOL, MOD, 45.00, -, -, -, a parallel deformation to strong and weak but still present on passages of I2Dp; locally short broken intervals
987.00, 987.10, FRA, MOD, 40.00, -, -, -, strongly broken short passages

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
984.50, 984.70, QtzAnkChl, 20.00, -, -, -, -, -, -, -, -, irregular, possible Kspar alteration also

**Major: From:** 987.10 **To:** 990.40 V8m, Trachyte mafic

Alkaline unit 2 - chaotic tuffeceous Composition: Dark greenish grey, chaotic, tufaceous V8m - Trachyte mafic. Magnetism: Moderate magnetism. Veinning: ,:2 % mm scale Qtz-calcite veinning. Structure: chaotic deformation with moderate broken passages Alteration: Moderate to strong calcite alteration and Chl Mineralization: 0.1 fine grained disseminated PY Lower Contact:sharp, 40°

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107783 | 987.1 | 988.5 | 1.4 | 0.005 | | | | 2.76 |
| CAOND107784 | 988.5 | 989.9 | 1.4 | 0.003 | | | | 2.84 |
| CAOND107785 | 989.9 | 990.4 | 0.5 | 0.008 | | | | 2.74 |

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
987.10, 990.40, PYR, DIS, 1.00, -, FGR, irregular distribution with local accumulations up to 2%

**Hole number:** KLUC19-546

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
987.10, 990.40, CBT+, PAT, MOD, -, -, -, with stronger passages
987.10, 990.40, CAL+, PEN, MOD, -, -, -, moderate to strong pervasive and veining

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
987.10, 990.40, FOL, MOD, 45.00, -, -, -, a parallel deformation to strong and weak but still present on passages of I2Dp; locally short broken intervals
987.10, 990.40, FRA, MOD, 40.00, -, -, -, strongly broken short passages

**Major: From:** 990.40 **To:** 992.70 I2D, Syénite

Composition: Medium greenish grey, fine to medium grained intrusion; I2D? - Syenite Magnetism: Non magnetic. Veinning: 5% random mm scale Qtz-Carb veinning. Structure: parallel deformation 40 ° and broken passage Alteration: moderate Calcite, Chl, carbonate Mineralization: 0.5 to locally 1% fine grained disseminated Py Lower Contact: Sharp, 45°

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107786 | 990.4 | 991.5 | 1.1 | 0.015 | | | | 2.76 |
| CAOND107787 | 991.5 | 992.7 | 1.2 | 0.009 | | | | 2.75 |

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
990.40, 992.00, PYR, DIS, 1.00, -, FGR, irregular distribution with local accumulations up to 2%

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
990.40, 992.70, CBT+, PAT, MOD, -, -, -, with stronger passages
990.40, 992.70, CAL+, PEN, MOD, -, -, -, moderate to strong pervasive and veining

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
990.40, 992.70, FOL, MOD, 45.00, -, -, -, a parallel deformation to strong and weak but still present on passages of I2Dp; locally short broken intervals
990.40, 992.70, FRA, MOD, 40.00, -, -, -, strongly broken short passages

**Major: From:** 992.70 **To:** 1,008.00 V8m, Trachyte mafic

Alkaline unit 2 - chaotic tuffeceous Composition: Dark grey with bands of Calcite, two short fragments of I2D tufaceous V8m - Trachyte mafic. Magnetism: Moderate to locally stronger magnetic Veinning: 10-20% mm to cm scale continuous Qtz-calcite - Carbonate veinning. Structure: Moderate parallel deformation throughout at 40-50 TCA Alteration: Moderate to strong calcite alteration Mineralization: 0.1-0.5 with local accumulation at the lower contact, disseminated PY; locally Gl associated to Qtz-Carb veins Lower Contact: gradual, 30°

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107788 | 992.7 | 994.0 | 1.3 | 0.021 | | | | 2.86 |
| CAOND107789 | 994.0 | 995.5 | 1.5 | 0.003 | | | | 2.91 |
| CAOND107791 | 995.5 | 997.0 | 1.5 | 0.003 | | | | 2.87 |
| CAOND107792 | 997.0 | 998.5 | 1.5 | 0.003 | | | | 2.89 |
| CAOND107793 | 998.5 | 1 000.0 | 1.5 | 0.003 | | | | 2.93 |
| CAOND107794 | 1 000.0 | 1 001.0 | 1.0 | 0.003 | | | | 2.90 |
| CAOND107795 | 1 001.0 | 1 001.5 | 0.5 | 0.005 | | | | 2.78 |
| CAOND107796 | 1 001.5 | 1 003.0 | 1.5 | 0.037 | | | | 2.89 |

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
992.90, 993.00, GAL, FRF, .50, -, FGR, associated to Qtz-Carb vein
997.60, 997.70, GAL, FRF, .10, -, FGR, associated to Qtz-Carb vein
1000.70, 1000.80, GAL, FRF, .50, -, FGR, associated to Qtz-Carb vein

**Hole number:** KLUC19-546

1007.00, 1008.00, PYR, DIS, 3.00, -, FGR, with local accumulation up to 10%; locally Cpyassociated to Qtz-Carb vein(1010m)

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
992.70, 1008.00, CBT+, PAT, MOD, -, -, -, with stronger passages
992.70, 1008.00, CAL+, PEN, MOD, -, -, -, moderate to strong pervasive and veining

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
992.70, 1005.60, FOL, MOD, 45.00, -, -, -, a parallel deformation to strong and weak but still present on passages of I2Dp; locally short broken intervals
992.70, 993.00, FRA, MOD, 40.00, -, -, -, strongly broken short passages
1005.60, 1008.00, FOL, WEAK, 30.00, -, -, -, to locally moderate

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
992.80, 1007.40, QtzCbt, 15.00, -, -, -, -, GRY2_BASIC, -, -, GAL, .10, Local occurrences of Gl in larger veins

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107797 | 1 003.0 | 1 004.5 | 1.5 | 0.035 | | | | 2.91 |
| CAOND107798 | 1 004.5 | 1 006.0 | 1.5 | 0.018 | | | | 2.87 |
| CAOND107799 | 1 006.0 | 1 007.0 | 1.0 | 0.085 | | | | 2.87 |
| CAOND107801 | 1 007.0 | 1 008.0 | 1.0 | 3.040 | | | | 2.87 |

**Major: From:** 1,008.00 **To:** 1,012.60 I2Dp, Porphyritic Syenite

Composition: Medium greenish grey, fine to medium grained porphyry intrusion; I2Dp - Syenite porphyry. Magnetism: Non magnetic. Veinning: 1-2% random mm - cm scale Qtz-Carb - Chl veinning. Structure: Slightly, parallel alignment 30 ° Alteration: silica along the presumed minor / passage of Sediment, moderate Calcite, Chl, weak carbonate Mineralization: 0.5 to locally 1% fine grained disseminated Py Lower Contact: Gradual, 40° Minor: possible Sediment passage 1008m-1009m

**MINOR INTERVAL**
1008.00 - 1009.00: Spossible sediment passage ? silica flooded, segment looking cherty

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
1008.00, 1010.00, PYR, DIS, 3.00, -, FGR, with local accumulation up to 10%; locally Cpyassociated to Qtz-Carb vein(1010m)

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
1008.00, 1012.60, CBT+, PAT, MOD, -, -, -, with stronger passages
1008.00, 1012.60, CAL+, PEN, MOD, -, -, -, moderate to strong pervasive and veining
1008.00, 1009.00, SIC+, PEN, MOD, -, -, -, possible a short sequence of cherty Sed?

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107802 | 1 008.0 | 1 009.0 | 1.0 | 3.170 | | | | 2.76 |
| CAOND107803 | 1 009.0 | 1 010.5 | 1.5 | 0.071 | | | | 2.71 |
| CAOND107804 | 1 010.5 | 1 011.5 | 1.0 | 0.017 | | | | 2.71 |
| CAOND107805 | 1 011.5 | 1 012.6 | 1.1 | 0.003 | | | | 2.72 |

**Hole number:** KLUC19-546

1008.00, 1012.60, FOL, WEAK, 30.00, -, -, -, to locally moderate

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
1009.90, 1010.00, QtzChl, 45.00, -, -, -, -, -, 5.00, -, -, -, brecciated aspect Qtz-Chl vein

**Major:** **From:** 1,012.60 **To:** 1,017.70 V8m, Trachyte mafic

Alkaline unit 2 - chaotic tuffeceous Composition: Dark grey with bands of Calcite, V8m - Trachyte mafic. Magnetism: Moderate to locally stronger magnetism. Veinning: ~5-10% mm to cm scale continuous Qtz-calcite veinning. Structure: Moderate parallel deformation throughout at 40 TCA with chaotic passage toward the end of interval Alteration: Moderate to strong calcite alteration Mineralization: 0.5 to local accumulations (fracture filling) around the upper contact very fine grained disseminated PY Lower Contact:sharp, 30°

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
1012.60, 1013.00, PYR, FRF, .50, -, FGR, also disseminated

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
1012.60, 1017.70, CBT+, PAT, MOD, -, -, -, with stronger passages
1012.60, 1017.70, CAL+, PEN, MOD, -, -, -, moderate to strong pervasive and veining

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
1012.60, 1014.00, FOL, WEAK, 30.00, -, -, -, to locally moderate
1014.00, 1017.70, FOL, MOD, 50.00, -, -, -, to locally chaotic

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107806 | 1 012.6 | 1 014.0 | 1.4 | 0.008 | | | | 2.98 |
| CAOND107807 | 1 014.0 | 1 015.5 | 1.5 | 0.003 | | | | 2.90 |
| CAOND107808 | 1 015.5 | 1 016.5 | 1.0 | 0.016 | | | | 2.92 |
| CAOND107809 | 1 016.5 | 1 017.7 | 1.2 | 0.040 | | | | 2.84 |

**Major:** **From:** 1,017.70 **To:** 1,026.00 I2D, Syénite

Composition: Medium grey, fine to medium grained intrusion; I2D ?- Syenite Magnetism: weak to moderate magnetic. Veinning: 1-2% random mm scale Qtz-Carb veinning. Structure: Slightly, parallel alignment 40 ° Alteration: moderate Calcite, weak carbonate Mineralization: 0.1 - 0.5 % fine grained disseminated Py Lower Contact: End of hole

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
1017.70, 1026.00, CAL+, PEN, MOD, -, -, -, moderate to strong pervasive and veining

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107810 | 1 017.7 | 1 019.0 | 1.3 | 0.017 | | | | 2.75 |
| CAOND107811 | 1 019.0 | 1 020.5 | 1.5 | 0.029 | | | | 2.75 |
| CAOND107812 | 1 020.5 | 1 022.0 | 1.5 | 0.006 | | | | 2.75 |
| CAOND107813 | 1 022.0 | 1 023.0 | 1.0 | 0.003 | | | | 2.77 |
| CAOND107814 | 1 023.0 | 1 024.5 | 1.5 | 0.003 | | | | 2.77 |
| CAOND107816 | 1 024.5 | 1 026.0 | 1.5 | 0.003 | | | | 2.77 |

**Hole number:** KLUC19-546

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 24.0 | 27.0 | 68.00 | 100.00 | | | N | |
| 27.0 | 30.0 | 67.00 | 100.00 | | | N | |
| 30.0 | 33.0 | 80.00 | 100.00 | | | N | |
| 33.0 | 36.0 | 60.00 | 100.00 | | | N | |
| 36.0 | 39.0 | 68.00 | 100.00 | | | N | |
| 39.0 | 42.0 | 67.00 | 100.00 | | | N | |
| 42.0 | 45.0 | 87.00 | 100.00 | | | N | |
| 45.0 | 48.0 | 80.00 | 100.00 | | | N | |
| 48.0 | 51.0 | 77.00 | 100.00 | | | N | |
| 51.0 | 54.0 | 83.00 | 100.00 | | | N | |
| 54.0 | 57.0 | 70.00 | 100.00 | | | N | |
| 57.0 | 60.0 | 87.00 | 100.00 | | | N | |
| 60.0 | 63.0 | 83.00 | 100.00 | | | N | |
| 63.0 | 66.0 | 82.00 | 100.00 | | | N | |
| 66.0 | 69.0 | 77.00 | 100.00 | | | N | |
| 69.0 | 72.0 | 58.00 | 100.00 | | | N | |
| 72.0 | 75.0 | 73.00 | 100.00 | | | N | |
| 75.0 | 78.0 | 73.00 | 100.00 | | | N | |
| 78.0 | 81.0 | 53.00 | 100.00 | | | N | |
| 81.0 | 84.0 | 80.00 | 100.00 | | | N | |
| 84.0 | 87.0 | 92.00 | 100.00 | | | N | |
| 87.0 | 90.0 | 90.00 | 100.00 | | | N | |
| 90.0 | 93.0 | 92.00 | 100.00 | | | N | |
| 93.0 | 96.0 | 77.00 | 100.00 | | | N | |
| 96.0 | 99.0 | 70.00 | 100.00 | | | N | |
| 99.0 | 102.0 | 93.00 | 100.00 | | | N | |
| 102.0 | 105.0 | 82.00 | 100.00 | | | N | |
| 105.0 | 108.0 | 97.00 | 100.00 | | | N | |

**Hole number:** KLUC19-546

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 108.0 | 111.0 | 65.00 | 100.00 | | | N | |
| 111.0 | 114.0 | 78.00 | 100.00 | | | N | |
| 114.0 | 117.0 | 73.00 | 100.00 | | | N | |
| 117.0 | 120.0 | 83.00 | 100.00 | | | N | |
| 120.0 | 123.0 | 70.00 | 100.00 | | | N | |
| 123.0 | 126.0 | 48.00 | 100.00 | | | N | |
| 126.0 | 129.0 | 95.00 | 100.00 | | | N | |
| 129.0 | 132.0 | 93.00 | 100.00 | | | N | |
| 132.0 | 135.0 | 90.00 | 100.00 | | | N | |
| 135.0 | 138.0 | 97.00 | 100.00 | | | N | |
| 138.0 | 141.0 | 87.00 | 100.00 | | | N | |
| 141.0 | 144.0 | 93.00 | 100.00 | | | N | |
| 144.0 | 147.0 | 90.00 | 100.00 | | | N | |
| 147.0 | 150.0 | 98.00 | 100.00 | | | N | |
| 150.0 | 153.0 | 98.00 | 100.00 | | | N | |
| 153.0 | 156.0 | 97.00 | 100.00 | | | N | |
| 156.0 | 159.0 | 78.00 | 100.00 | | | N | |
| 159.0 | 162.0 | 53.00 | 100.00 | | | N | |
| 162.0 | 165.0 | 87.00 | 100.00 | | | N | |
| 165.0 | 168.0 | 93.00 | 100.00 | | | N | |
| 168.0 | 171.0 | 93.00 | 100.00 | | | N | |
| 171.0 | 174.0 | 76.00 | 100.00 | | | N | |
| 174.0 | 177.0 | 72.00 | 100.00 | | | N | |
| 177.0 | 180.0 | 77.00 | 100.00 | | | N | |
| 180.0 | 183.0 | 83.00 | 100.00 | | | N | |
| 183.0 | 186.0 | 62.00 | 100.00 | | | N | |
| 186.0 | 189.0 | 77.00 | 100.00 | | | N | |
| 189.0 | 192.0 | 77.00 | 100.00 | | | N | |

**Hole number:** KLUC19-546

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 192.0 | 195.0 | 30.00 | 50.00 | | | N | |
| 195.0 | 198.0 | 63.00 | 100.00 | | | N | |
| 198.0 | 201.0 | 37.00 | 100.00 | | | N | |
| 201.0 | 204.0 | 27.00 | 100.00 | | | N | |
| 204.0 | 207.0 | 32.00 | 100.00 | | | N | |
| 207.0 | 210.0 | 63.00 | 100.00 | | | N | |
| 210.0 | 213.0 | 62.00 | 100.00 | | | N | |
| 213.0 | 216.0 | 55.00 | 100.00 | | | N | |
| 216.0 | 219.0 | 73.00 | 100.00 | | | N | |
| 219.0 | 222.0 | 98.00 | 100.00 | | | N | |
| 222.0 | 225.0 | 83.00 | 100.00 | | | N | |
| 225.0 | 228.0 | 87.00 | 100.00 | | | N | |
| 228.0 | 231.0 | 87.00 | 100.00 | | | N | |
| 231.0 | 234.0 | 98.00 | 100.00 | | | N | |
| 234.0 | 237.0 | 98.00 | 100.00 | | | N | |
| 237.0 | 240.0 | 90.00 | 100.00 | | | N | |
| 240.0 | 243.0 | 82.00 | 100.00 | | | N | |
| 243.0 | 246.0 | 100.00 | 100.00 | | | N | |
| 246.0 | 249.0 | 85.00 | 100.00 | | | N | |
| 249.0 | 252.0 | 73.00 | 100.00 | | | N | |
| 252.0 | 255.0 | 98.00 | 100.00 | | | N | |
| 255.0 | 258.0 | 87.00 | 100.00 | | | N | |
| 258.0 | 261.0 | 72.00 | 100.00 | | | N | |
| 261.0 | 264.0 | 97.00 | 100.00 | | | N | |
| 264.0 | 267.0 | 87.00 | 100.00 | | | N | |
| 267.0 | 270.0 | 93.00 | 100.00 | | | N | |
| 270.0 | 273.0 | 80.00 | 100.00 | | | N | |
| 273.0 | 276.0 | 95.00 | 100.00 | | | N | |

**Hole number:** KLUC19-546

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 276.0 | 279.0 | 98.00 | 100.00 | | | N | |
| 279.0 | 282.0 | 100.00 | 100.00 | | | N | |
| 282.0 | 285.0 | 97.00 | 100.00 | | | N | |
| 285.0 | 288.0 | 100.00 | 100.00 | | | N | |
| 288.0 | 291.0 | 87.00 | 100.00 | | | N | |
| 291.0 | 294.0 | 92.00 | 100.00 | | | N | |
| 294.0 | 297.0 | 100.00 | 100.00 | | | N | |
| 297.0 | 300.0 | 97.00 | 100.00 | | | N | |
| 300.0 | 303.0 | 87.00 | 100.00 | | | N | |
| 303.0 | 306.0 | 100.00 | 100.00 | | | N | |
| 306.0 | 309.0 | 97.00 | 100.00 | | | N | |
| 309.0 | 312.0 | 100.00 | 100.00 | | | N | |
| 312.0 | 315.0 | 100.00 | 100.00 | | | N | |
| 315.0 | 318.0 | 93.00 | 100.00 | | | N | |
| 318.0 | 321.0 | 100.00 | 100.00 | | | N | |
| 321.0 | 324.0 | 100.00 | 100.00 | | | N | |
| 324.0 | 327.0 | 97.00 | 100.00 | | | N | |
| 327.0 | 330.0 | 100.00 | 100.00 | | | N | |
| 330.0 | 333.0 | 100.00 | 100.00 | | | N | |
| 333.0 | 336.0 | 100.00 | 100.00 | | | N | |
| 336.0 | 339.0 | 100.00 | 100.00 | | | N | |
| 339.0 | 342.0 | 100.00 | 100.00 | | | N | |
| 342.0 | 345.0 | 97.00 | 100.00 | | | N | |
| 345.0 | 348.0 | 100.00 | 100.00 | | | N | |
| 348.0 | 351.0 | 100.00 | 100.00 | | | N | |
| 351.0 | 354.0 | 100.00 | 100.00 | | | N | |
| 354.0 | 357.0 | 100.00 | 100.00 | | | N | |
| 357.0 | 360.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC19-546

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 360.0 | 363.0 | 100.00 | 100.00 | | | N | |
| 363.0 | 366.0 | 100.00 | 100.00 | | | N | |
| 366.0 | 369.0 | 100.00 | 100.00 | | | N | |
| 369.0 | 372.0 | 100.00 | 100.00 | | | N | |
| 372.0 | 375.0 | 100.00 | 100.00 | | | N | |
| 375.0 | 378.0 | 100.00 | 100.00 | | | N | |
| 378.0 | 381.0 | 100.00 | 100.00 | | | N | |
| 381.0 | 384.0 | 100.00 | 100.00 | | | N | |
| 384.0 | 387.0 | 90.00 | 100.00 | | | N | |
| 387.0 | 390.0 | 97.00 | 100.00 | | | N | |
| 390.0 | 393.0 | 72.00 | 100.00 | | | N | |
| 393.0 | 396.0 | 98.00 | 100.00 | | | N | |
| 396.0 | 399.0 | 97.00 | 100.00 | | | N | |
| 399.0 | 402.0 | 98.00 | 100.00 | | | N | |
| 402.0 | 405.0 | 95.00 | 100.00 | | | N | |
| 405.0 | 408.0 | 100.00 | 100.00 | | | N | |
| 408.0 | 411.0 | 100.00 | 100.00 | | | N | |
| 411.0 | 414.0 | 100.00 | 100.00 | | | N | |
| 414.0 | 417.0 | 97.00 | 100.00 | | | N | |
| 417.0 | 420.0 | 100.00 | 100.00 | | | N | |
| 420.0 | 423.0 | 97.00 | 100.00 | | | N | |
| 423.0 | 426.0 | 90.00 | 100.00 | | | N | |
| 426.0 | 429.0 | 97.00 | 100.00 | | | N | |
| 429.0 | 432.0 | 100.00 | 100.00 | | | N | |
| 432.0 | 435.0 | 100.00 | 100.00 | | | N | |
| 435.0 | 438.0 | 98.00 | 100.00 | | | N | |
| 438.0 | 441.0 | 100.00 | 100.00 | | | N | |
| 441.0 | 444.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC19-546

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 444.0 | 447.0 | 100.00 | 100.00 | | | N | |
| 447.0 | 450.0 | 100.00 | 100.00 | | | N | |
| 450.0 | 453.0 | 100.00 | 100.00 | | | N | |
| 453.0 | 456.0 | 100.00 | 100.00 | | | N | |
| 456.0 | 459.0 | 83.00 | 100.00 | | | N | |
| 459.0 | 462.0 | 97.00 | 100.00 | | | N | |
| 462.0 | 465.0 | 97.00 | 100.00 | | | N | |
| 465.0 | 468.0 | 97.00 | 100.00 | | | N | |
| 468.0 | 471.0 | 100.00 | 100.00 | | | N | |
| 471.0 | 474.0 | 95.00 | 100.00 | | | N | |
| 474.0 | 477.0 | 88.00 | 100.00 | | | N | |
| 477.0 | 480.0 | 67.00 | 100.00 | | | N | |
| 480.0 | 483.0 | 93.00 | 100.00 | | | N | |
| 483.0 | 486.0 | 88.00 | 100.00 | | | N | |
| 486.0 | 489.0 | 97.00 | 100.00 | | | N | |
| 489.0 | 492.0 | 80.00 | 100.00 | | | N | |
| 492.0 | 495.0 | 93.00 | 100.00 | | | N | |
| 495.0 | 498.0 | 97.00 | 100.00 | | | N | |
| 498.0 | 501.0 | 97.00 | 100.00 | | | N | |
| 501.0 | 504.0 | 100.00 | 100.00 | | | N | |
| 504.0 | 507.0 | 90.00 | 100.00 | | | N | |
| 507.0 | 510.0 | 82.00 | 100.00 | | | N | |
| 510.0 | 513.0 | 87.00 | 100.00 | | | N | |
| 513.0 | 516.0 | 80.00 | 100.00 | | | N | |
| 516.0 | 519.0 | 77.00 | 100.00 | | | N | |
| 519.0 | 522.0 | 98.00 | 100.00 | | | N | |
| 522.0 | 525.0 | 98.00 | 100.00 | | | N | |
| 525.0 | 528.0 | 98.00 | 100.00 | | | N | |

**Hole number:** KLUC19-546

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 528.0 | 531.0 | 97.00 | 100.00 | | | N | |
| 531.0 | 534.0 | 100.00 | 100.00 | | | N | |
| 534.0 | 537.0 | 98.00 | 100.00 | | | N | |
| 537.0 | 540.0 | 100.00 | 100.00 | | | N | |
| 540.0 | 543.0 | 100.00 | 100.00 | | | N | |
| 543.0 | 546.0 | 95.00 | 100.00 | | | N | |
| 546.0 | 549.0 | 100.00 | 100.00 | | | N | |
| 549.0 | 552.0 | 83.00 | 100.00 | | | N | |
| 552.0 | 555.0 | 57.00 | 100.00 | | | N | |
| 555.0 | 558.0 | 97.00 | 100.00 | | | N | |
| 558.0 | 561.0 | 100.00 | 100.00 | | | N | |
| 561.0 | 564.0 | 93.00 | 100.00 | | | N | |
| 564.0 | 567.0 | 97.00 | 100.00 | | | N | |
| 567.0 | 570.0 | 97.00 | 100.00 | | | N | |
| 570.0 | 573.0 | 100.00 | 100.00 | | | N | |
| 573.0 | 576.0 | 93.00 | 100.00 | | | N | |
| 576.0 | 579.0 | 80.00 | 100.00 | | | N | |
| 579.0 | 582.0 | 85.00 | 100.00 | | | N | |
| 582.0 | 585.0 | 97.00 | 100.00 | | | N | |
| 585.0 | 588.0 | 93.00 | 100.00 | | | N | |
| 588.0 | 591.0 | 72.00 | 100.00 | | | N | |
| 591.0 | 594.0 | 90.00 | 100.00 | | | N | |
| 594.0 | 597.0 | 77.00 | 100.00 | | | N | |
| 597.0 | 600.0 | 93.00 | 100.00 | | | N | |
| 600.0 | 603.0 | 92.00 | 100.00 | | | N | |
| 603.0 | 606.0 | 95.00 | 100.00 | | | N | |
| 606.0 | 609.0 | 83.00 | 100.00 | | | N | |
| 609.0 | 612.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC19-546

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 612.0 | 615.0 | 98.00 | 100.00 | | | N | |
| 615.0 | 618.0 | 100.00 | 100.00 | | | N | |
| 618.0 | 621.0 | 90.00 | 100.00 | | | N | |
| 621.0 | 624.0 | 97.00 | 100.00 | | | N | |
| 624.0 | 627.0 | 100.00 | 100.00 | | | N | |
| 627.0 | 630.0 | 83.00 | 100.00 | | | N | |
| 630.0 | 633.0 | 100.00 | 100.00 | | | N | |
| 633.0 | 636.0 | 100.00 | 100.00 | | | N | |
| 636.0 | 639.0 | 100.00 | 100.00 | | | N | |
| 639.0 | 642.0 | 95.00 | 100.00 | | | N | |
| 642.0 | 645.0 | 98.00 | 100.00 | | | N | |
| 645.0 | 648.0 | 100.00 | 100.00 | | | N | |
| 648.0 | 651.0 | 100.00 | 100.00 | | | N | |
| 651.0 | 654.0 | 100.00 | 100.00 | | | N | |
| 654.0 | 657.0 | 100.00 | 100.00 | | | N | |
| 657.0 | 660.0 | 100.00 | 100.00 | | | N | |
| 660.0 | 663.0 | 100.00 | 100.00 | | | N | |
| 663.0 | 666.0 | 100.00 | 100.00 | | | N | |
| 666.0 | 669.0 | 100.00 | 100.00 | | | N | |
| 669.0 | 672.0 | 100.00 | 100.00 | | | N | |
| 672.0 | 675.0 | 100.00 | 100.00 | | | N | |
| 675.0 | 678.0 | 97.00 | 100.00 | | | N | |
| 678.0 | 681.0 | 60.00 | 100.00 | | | N | |
| 681.0 | 684.0 | 73.00 | 100.00 | | | N | |
| 684.0 | 687.0 | 98.00 | 100.00 | | | N | |
| 687.0 | 690.0 | 82.00 | 100.00 | | | N | |
| 690.0 | 693.0 | 97.00 | 100.00 | | | N | |
| 693.0 | 696.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC19-546

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 696.0 | 699.0 | 97.00 | 100.00 | | | N | |
| 699.0 | 702.0 | 100.00 | 100.00 | | | N | |
| 702.0 | 705.0 | 100.00 | 100.00 | | | N | |
| 705.0 | 708.0 | 97.00 | 100.00 | | | N | |
| 708.0 | 711.0 | 100.00 | 100.00 | | | N | |
| 711.0 | 714.0 | 100.00 | 100.00 | | | N | |
| 714.0 | 717.0 | 95.00 | 100.00 | | | N | |
| 717.0 | 720.0 | 100.00 | 100.00 | | | N | |
| 720.0 | 723.0 | 100.00 | 100.00 | | | N | |
| 723.0 | 726.0 | 100.00 | 100.00 | | | N | |
| 726.0 | 729.0 | 93.00 | 100.00 | | | N | |
| 729.0 | 732.0 | 95.00 | 100.00 | | | N | |
| 732.0 | 735.0 | 93.00 | 100.00 | | | N | |
| 735.0 | 738.0 | 97.00 | 100.00 | | | N | |
| 738.0 | 741.0 | 93.00 | 100.00 | | | N | |
| 741.0 | 744.0 | 100.00 | 100.00 | | | N | |
| 744.0 | 747.0 | 95.00 | 100.00 | | | N | |
| 747.0 | 750.0 | 93.00 | 100.00 | | | N | |
| 750.0 | 753.0 | 100.00 | 100.00 | | | N | |
| 753.0 | 756.0 | 98.00 | 100.00 | | | N | |
| 756.0 | 759.0 | 95.00 | 100.00 | | | N | |
| 759.0 | 762.0 | 93.00 | 100.00 | | | N | |
| 762.0 | 765.0 | 93.00 | 100.00 | | | N | |
| 765.0 | 768.0 | 93.00 | 100.00 | | | N | |
| 768.0 | 771.0 | 97.00 | 100.00 | | | N | |
| 771.0 | 774.0 | 98.00 | 100.00 | | | N | |
| 774.0 | 777.0 | 96.00 | 100.00 | | | N | |
| 777.0 | 780.0 | 95.00 | 100.00 | | | N | |

**Hole number:** KLUC19-546

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 780.0 | 783.0 | 98.00 | 100.00 | | | N | |
| 783.0 | 786.0 | 98.00 | 100.00 | | | N | |
| 786.0 | 789.0 | 95.00 | 100.00 | | | N | |
| 789.0 | 792.0 | 93.00 | 100.00 | | | N | |
| 792.0 | 795.0 | 93.00 | 100.00 | | | N | |
| 795.0 | 798.0 | 80.00 | 100.00 | | | N | |
| 798.0 | 801.0 | 92.00 | 100.00 | | | N | |
| 801.0 | 804.0 | 96.00 | 100.00 | | | N | |
| 804.0 | 807.0 | 96.00 | 100.00 | | | N | |
| 807.0 | 810.0 | 99.00 | 100.00 | | | N | |
| 810.0 | 813.0 | 93.00 | 100.00 | | | N | |
| 813.0 | 816.0 | 97.00 | 100.00 | | | N | |
| 816.0 | 819.0 | 95.00 | 100.00 | | | N | |
| 819.0 | 822.0 | 97.00 | 100.00 | | | N | |
| 822.0 | 825.0 | 93.00 | 100.00 | | | N | |
| 825.0 | 828.0 | 85.00 | 100.00 | | | N | |
| 828.0 | 831.0 | 70.00 | 100.00 | | | N | |
| 831.0 | 834.0 | 77.00 | 100.00 | | | N | |
| 834.0 | 837.0 | 80.00 | 100.00 | | | N | |
| 837.0 | 840.0 | 73.00 | 100.00 | | | N | |
| 840.0 | 843.0 | 80.00 | 100.00 | | | N | |
| 843.0 | 846.0 | 75.00 | 100.00 | | | N | |
| 846.0 | 849.0 | 80.00 | 100.00 | | | N | |
| 849.0 | 852.0 | 67.00 | 100.00 | | | N | |
| 852.0 | 855.0 | 82.00 | 100.00 | | | N | |
| 855.0 | 858.0 | 87.00 | 100.00 | | | N | |
| 858.0 | 861.0 | 83.00 | 100.00 | | | N | |
| 861.0 | 864.0 | 78.00 | 100.00 | | | N | |

**Hole number:** KLUC19-546

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 864.0 | 867.0 | 67.00 | 100.00 | | | N | |
| 867.0 | 870.0 | 97.00 | 100.00 | | | N | |
| 870.0 | 873.0 | 93.00 | 100.00 | | | N | |
| 873.0 | 876.0 | 97.00 | 100.00 | | | N | |
| 876.0 | 879.0 | 77.00 | 100.00 | | | N | |
| 879.0 | 882.0 | 95.00 | 100.00 | | | N | |
| 882.0 | 885.0 | 100.00 | 100.00 | | | N | |
| 885.0 | 888.0 | 50.00 | 100.00 | | | N | |
| 888.0 | 891.0 | 87.00 | 100.00 | | | N | |
| 891.0 | 894.0 | 93.00 | 100.00 | | | N | |
| 894.0 | 897.0 | 90.00 | 100.00 | | | N | |
| 897.0 | 900.0 | 97.00 | 100.00 | | | N | |
| 900.0 | 903.0 | 98.00 | 100.00 | | | N | |
| 903.0 | 906.0 | 87.00 | 100.00 | | | N | |
| 906.0 | 909.0 | 92.00 | 100.00 | | | N | |
| 909.0 | 912.0 | 93.00 | 100.00 | | | N | |
| 912.0 | 915.0 | 98.00 | 100.00 | | | N | |
| 915.0 | 918.0 | 97.00 | 100.00 | | | N | |
| 918.0 | 921.0 | 97.00 | 100.00 | | | N | |
| 921.0 | 924.0 | 92.00 | 100.00 | | | N | |
| 924.0 | 927.0 | 92.00 | 100.00 | | | N | |
| 927.0 | 930.0 | 93.00 | 100.00 | | | N | |
| 930.0 | 933.0 | 95.00 | 100.00 | | | N | |
| 933.0 | 936.0 | 98.00 | 100.00 | | | N | |
| 936.0 | 939.0 | 80.00 | 100.00 | | | N | |
| 939.0 | 942.0 | 88.00 | 100.00 | | | N | |
| 942.0 | 945.0 | 93.00 | 100.00 | | | N | |
| 945.0 | 948.0 | 95.00 | 100.00 | | | N | |

**Hole number:** KLUC19-546

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 948.0 | 951.0 | 96.00 | 100.00 | | | N | |
| 951.0 | 954.0 | 93.00 | 100.00 | | | N | |
| 954.0 | 957.0 | 93.00 | 100.00 | | | N | |
| 957.0 | 960.0 | 97.00 | 100.00 | | | N | |
| 960.0 | 963.0 | 100.00 | 100.00 | | | N | |
| 963.0 | 966.0 | 93.00 | 100.00 | | | N | |
| 966.0 | 969.0 | 95.00 | 100.00 | | | N | |
| 969.0 | 972.0 | 80.00 | 100.00 | | | N | |
| 972.0 | 975.0 | 90.00 | 100.00 | | | N | |
| 975.0 | 978.0 | 92.00 | 100.00 | | | N | |
| 978.0 | 981.0 | 85.00 | 100.00 | | | N | |
| 981.0 | 984.0 | 67.00 | 100.00 | | | N | |
| 984.0 | 987.0 | 67.00 | 100.00 | | | N | |
| 987.0 | 990.0 | 50.00 | 100.00 | | | N | |
| 990.0 | 993.0 | 63.00 | 100.00 | | | N | |
| 993.0 | 996.0 | 87.00 | 100.00 | | | N | |
| 996.0 | 999.0 | 98.00 | 100.00 | | | N | |
| 999.0 | 1 002.0 | 87.00 | 100.00 | | | N | |
| 1 002.0 | 1 005.0 | 92.00 | 100.00 | | | N | |
| 1 005.0 | 1 008.0 | 87.00 | 100.00 | | | N | |
| 1 008.0 | 1 011.0 | 97.00 | 100.00 | | | N | |
| 1 011.0 | 1 014.0 | 95.00 | 100.00 | | | N | |
| 1 014.0 | 1 017.0 | 95.00 | 100.00 | | | N | |
| 1 017.0 | 1 020.0 | 97.00 | 100.00 | | | N | |
| 1 020.0 | 1 023.0 | 93.00 | 100.00 | | | N | |
| 1 023.0 | 1 026.0 | 97.00 | 100.00 | | | N | |

**Hole number:** KLUC19-546

AGNICO EAGLE

# DRILL HOLE REPORT

EXPLORATION CANADA
ONTARIO

**Hole number:** KLUC19-547 **Project Number:** U_Canada **Project name:** Upper Canada

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Historic hole number:** | | **Collar survey:** | Y | **From:** | 0.0 | **Coordinates:** | P |
| **System:** | METRIC | **Verified:** | N | **To:** | 846.8 | **Grid:** | UTM83-17_CSRS-2010: |
| **Target:** | UC_B_ZONE | **Gas:** | N | **Depth:** | 846.8 | **North:** | 5,333,148.74 |
| **No. Claim:** | PAT-18799 | **Multishot survey:** | Y | **Location:** | Surface | **East:** | 587,071.14 |
| **Year:** | 2 019 | **Is making water:** | N | **Core storage:** | Mine Site | **Elevation:** | 333.33 |
| **Date started:** | 2019-06-27 | **Object in hole:** | N | **Contractor:** | Asinii Drilling | **Collar dip:** | -63.66 |
| **Date logged:** | 2019-07-16 | **Pulse EM survey:** | N | **Logged by:** | Melanie Bouchard | **Collar azimuth:** | 136.83 |
| **Date completed:** | 2019-07-06 | **Plugged:** | Y | **Signature:** | Mélanie Bouchard | | |
| **Core size:** | NQ | **Cemented:** | Y | | | | |
| **Hole type:** | EXP | **Branch:** | N | | | | |
| **Casing:** | Left in Hole, capped | **Reserve:** | N | | | | |
| **Logging status:** | Signed | | | | | | |
| **Rig number:** | 2501 | | | | | | |

**Additional sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Proposed hole: UCP19-050. New and improved Asinii II drill Rig: 2501. Targeting: B zone. M.Bouchard logged 0 - 496 m and A. Moldoveanu logged 496 - 846.8m(EOH)

## Assay average

| Average type | From | To | Length | Width | Zone | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Pb_ppm | Ni_ppm | As_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WEIGHTED | 57.5 | 58.5 | 1.0 | | UC_BROCK_N | 1.105 | | | | | | |
| WEIGHTED | 61.5 | 65.9 | 4.4 | | UC_BROCK_N | 0.821 | | | | | | |
| WEIGHTED | 379.8 | 380.8 | 1.0 | | | 1.100 | | | | | | |
| WEIGHTED | 403.5 | 404.8 | 1.3 | | | 25.300 | | | | | | |
| WEIGHTED | 477.3 | 481.5 | 4.2 | | | 4.424 | | | | | | |
| WEIGHTED | 478.5 | 480.0 | 1.5 | | | 11.350 | | | | | | |
| WEIGHTED | 616.4 | 617.2 | 0.8 | | UC_B_ZONE | 1.075 | | | | | | |
| WEIGHTED | 827.5 | 830.9 | 3.4 | | | 3.812 | | | | | | |
| WEIGHTED | 827.5 | 833.0 | 5.5 | | UC_B_ZONE | 2.756 | | | | | | |
| WEIGHTED | 837.5 | 840.0 | 2.5 | | UC_B_ZONE | 1.842 | | | | | | |

## Survey data

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments | Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|

**Hole number:** KLUC19-547

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 135.47 | -63.37 | G | | North Seaker Gyro |
| 10.0 | 135.32 | -63.11 | G | O | North Seaker Gyro |
| 21.0 | 138.60 | -63.00 | EZ | | 54370 |
| 40.0 | 135.50 | -62.63 | G | O | North Seaker Gyro |
| 51.0 | 138.50 | -62.40 | EZ | | 54526 |
| 70.0 | 135.82 | -61.93 | G | O | North Seaker Gyro |
| 81.0 | 138.30 | -61.80 | EZ | | 54101 |
| 100.0 | 135.99 | -61.18 | G | O | North Seaker Gyro |
| 111.0 | 136.50 | -60.80 | EZ | | 54402 |
| 130.0 | 136.32 | -60.41 | G | O | North Seaker Gyro |
| 141.0 | 136.60 | -60.10 | EZ | | 54568 |
| 160.0 | 136.82 | -59.57 | G | O | North Seaker Gyro |
| 171.0 | 140.20 | -59.30 | EZ | | 54588 |
| 190.0 | 137.21 | -58.64 | G | O | North Seaker Gyro |
| 201.0 | 139.90 | -58.10 | EZ | | 54499 |
| 220.0 | 137.43 | -57.67 | G | O | North Seaker Gyro |
| 231.0 | 139.90 | -57.20 | EZ | | 54525 |
| 250.0 | 137.70 | -56.90 | G | O | North Seaker Gyro |
| 261.0 | 141.60 | -56.60 | EZ | | 54634 |
| 280.0 | 137.96 | -56.40 | G | O | North Seaker Gyro |
| 291.0 | 141.40 | -56.00 | EZ | | 54880 |
| 310.0 | 138.30 | -55.86 | G | O | North Seaker Gyro |
| 321.0 | 144.30 | -55.70 | EZ | | 54633 |
| 340.0 | 138.63 | -55.46 | G | O | North Seaker Gyro |
| 351.0 | 145.30 | -55.30 | EZ | | 54683 |
| 370.0 | 139.11 | -55.01 | G | O | North Seaker Gyro |
| 381.0 | 141.60 | -54.80 | EZ | | 55052 |
| 400.0 | 139.37 | -54.44 | G | O | North Seaker Gyro |
| 411.0 | 143.50 | -54.30 | EZ | | 54440 |
| 430.0 | 139.63 | -53.99 | G | O | North Seaker Gyro |
| 441.0 | 143.00 | -53.50 | EZ | | 54181 |

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 136.83 | -63.66 | S | O | Surveyed direction (az corrected true North) |
| 20.0 | 135.21 | -62.97 | G | O | North Seaker Gyro |
| 30.0 | 135.29 | -62.76 | G | O | North Seaker Gyro |
| 50.0 | 135.60 | -62.42 | G | O | North Seaker Gyro |
| 60.0 | 135.71 | -62.19 | G | O | North Seaker Gyro |
| 80.0 | 135.86 | -61.69 | G | O | North Seaker Gyro |
| 90.0 | 135.86 | -61.43 | G | O | North Seaker Gyro |
| 110.0 | 136.16 | -60.88 | G | O | North Seaker Gyro |
| 120.0 | 136.13 | -60.66 | G | O | North Seaker Gyro |
| 140.0 | 136.43 | -60.14 | G | O | North Seaker Gyro |
| 150.0 | 136.60 | -59.86 | G | O | North Seaker Gyro |
| 170.0 | 136.97 | -59.23 | G | O | North Seaker Gyro |
| 180.0 | 137.10 | -58.92 | G | O | North Seaker Gyro |
| 200.0 | 137.26 | -58.28 | G | O | North Seaker Gyro |
| 210.0 | 137.34 | -57.94 | G | O | North Seaker Gyro |
| 230.0 | 137.52 | -57.41 | G | O | North Seaker Gyro |
| 240.0 | 137.56 | -57.14 | G | O | North Seaker Gyro |
| 260.0 | 137.77 | -56.70 | G | O | North Seaker Gyro |
| 270.0 | 137.92 | -56.55 | G | O | North Seaker Gyro |
| 290.0 | 138.13 | -56.19 | G | O | North Seaker Gyro |
| 300.0 | 138.18 | -55.99 | G | O | North Seaker Gyro |
| 320.0 | 138.39 | -55.75 | G | O | North Seaker Gyro |
| 330.0 | 138.55 | -55.59 | G | O | North Seaker Gyro |
| 350.0 | 138.87 | -55.32 | G | O | North Seaker Gyro |
| 360.0 | 139.02 | -55.15 | G | O | North Seaker Gyro |
| 380.0 | 139.20 | -54.84 | G | O | North Seaker Gyro |
| 390.0 | 139.28 | -54.65 | G | O | North Seaker Gyro |
| 410.0 | 139.45 | -54.29 | G | O | North Seaker Gyro |
| 420.0 | 139.58 | -54.15 | G | O | North Seaker Gyro |
| 440.0 | 139.68 | -53.81 | G | O | North Seaker Gyro |
| 450.0 | 139.81 | -53.67 | G | O | North Seaker Gyro |
| 460.0 | 139.96 | -53.55 | G | O | North Seaker Gyro |

## Hole number: KLUC19-547

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 470.0 | 140.10 | -53.45 | G | O | North Seaker Gyro |
| 480.0 | 140.28 | -53.32 | G | O | North Seaker Gyro |
| 500.0 | 140.64 | -53.14 | G | O | North Seaker Gyro |
| 510.0 | 140.81 | -53.06 | G | O | North Seaker Gyro |
| 530.0 | 140.83 | -52.96 | G | O | North Seaker Gyro |
| 540.0 | 140.89 | -52.89 | G | O | North Seaker Gyro |
| 560.0 | 140.95 | -52.75 | G | O | North Seaker Gyro |
| 570.0 | 141.09 | -52.73 | G | O | North Seaker Gyro |
| 590.0 | 141.23 | -52.56 | G | O | North Seaker Gyro |
| 600.0 | 141.38 | -52.45 | G | O | North Seaker Gyro |
| 620.0 | 141.47 | -52.32 | G | O | North Seaker Gyro |
| 630.0 | 141.59 | -52.25 | G | O | North Seaker Gyro |
| 650.0 | 141.63 | -51.96 | G | O | North Seaker Gyro |
| 660.0 | 141.74 | -51.79 | G | O | North Seaker Gyro |
| 680.0 | 141.87 | -51.57 | G | O | North Seaker Gyro |
| 690.0 | 142.00 | -51.45 | G | O | North Seaker Gyro |
| 710.0 | 142.18 | -51.21 | G | O | North Seaker Gyro |
| 720.0 | 142.25 | -51.12 | G | O | North Seaker Gyro |
| 740.0 | 142.45 | -50.82 | G | O | North Seaker Gyro |
| 750.0 | 142.46 | -50.74 | G | O | North Seaker Gyro |
| 770.0 | 142.54 | -50.58 | G | O | North Seaker Gyro |
| 801.0 | 145.60 | -50.30 | EZ | D | |

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 471.0 | 142.50 | -53.20 | EZ | | 54412 |
| 490.0 | 140.58 | -53.17 | G | O | North Seaker Gyro |
| 501.0 | 144.20 | -53.00 | EZ | | 54727 |
| 520.0 | 140.82 | -53.06 | G | O | North Seaker Gyro |
| 531.0 | 142.60 | -52.80 | EZ | | 55865 |
| 550.0 | 140.95 | -52.85 | G | O | North Seaker Gyro |
| 561.0 | 143.30 | -52.70 | EZ | | 55253 |
| 580.0 | 141.17 | -52.62 | G | O | North Seaker Gyro |
| 591.0 | 142.30 | -52.40 | EZ | | 55605 |
| 610.0 | 141.47 | -52.34 | G | O | North Seaker Gyro |
| 621.0 | 144.10 | -52.20 | EZ | | 56165 |
| 640.0 | 141.58 | -52.11 | G | O | North Seaker Gyro |
| 651.0 | 144.40 | -51.80 | EZ | | 55979 |
| 670.0 | 141.83 | -51.68 | G | O | North Seaker Gyro |
| 681.0 | 150.60 | -51.60 | EZ | | 55206 |
| 700.0 | 142.08 | -51.33 | G | O | North Seaker Gyro |
| 711.0 | 142.00 | -51.00 | EZ | | 54906 |
| 730.0 | 142.34 | -50.96 | G | O | North Seaker Gyro |
| 741.0 | 142.00 | -50.70 | EZ | | 54448 |
| 760.0 | 142.48 | -50.67 | G | O | North Seaker Gyro |
| 771.0 | 142.10 | -50.40 | EZ | O | 55422 |
| 831.0 | 146.80 | -49.80 | EZ | D | 56970 |

| Certificate |
|---|
| TM19167498 |
| TM19170627 |
| TM19173598 |
| TM19173601 |
| TM19173602 |
| TM19176024 |
| TM19176025 |
| TM19179962 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505D19-042 | Excaon1D | CAOND107599 - CAOND108013 |
| CXE5505D19-043 | Excaon1D | CAOND108014 - CAOND108095 |
| CXE5505D19-044 | Excaon1 | CAOND108096 - CAOND108407 |
| CXE5505D19-045 | Excaon1 | CAOND108408 - CAOND108454 |
| CXE5505D19-046 | Excaon1 | CAOND108455 - CAOND108500 |
| CXE5505D19WRA-019 | Excaon2-WRA | CAOND119185 - CAOND119187 |
| CXE5505D19WRA-020 | Excaon2-WRA | CAOND119188 - CAOND119189<br>CAOND119191 - CAOND119192 |
| CXE5505D19WRA-021 | Excaon2-WRA | CAOND119193 |

| Sample number | Standard |
|---|---|
| CAOND107820 | BLANK-DB |
| CAOND107830 | CDN-GS-5W |
| CAOND107845 | CDN-CM-28-AEM |
| CAOND107860 | CDN-CM-27-AEM |
| CAOND107870 | BLANK-DB |
| CAOND107875 | CDN-GS-5W |
| CAOND107890 | CDN-CM-28-AEM |
| CAOND107915 | CDN-CM-27-AEM |

**Hole number:** KLUC19-547

| Certificate |
|---|
| TM19179963 |

*The sample list may content samples from other holes

| Sample number | Standard |
|---|---|
| CAOND107920 | BLANK-DB |
| CAOND107930 | CDN-GS-5W |
| CAOND107945 | CDN-CM-28-AEM |
| CAOND107960 | CDN-CM-27-AEM |
| CAOND107970 | BLANK-DB |
| CAOND107975 | CDN-GS-5W |
| CAOND107990 | CDN-CM-28-AEM |
| CAOND108015 | CDN-CM-27-AEM |
| CAOND108020 | BLANK-DB |
| CAOND108030 | CDN-GS-5W |
| CAOND108045 | CDN-CM-28-AEM |
| CAOND108060 | CDN-CM-27-AEM |
| CAOND108070 | BLANK-DB |
| CAOND108075 | CDN-GS-5W |
| CAOND108090 | CDN-CM-28-AEM |
| CAOND108115 | CDN-CM-27-AEM |
| CAOND108120 | BLANK-DB |
| CAOND108130 | CDN-GS-5W |
| CAOND108145 | CDN-CM-28-AEM |
| CAOND108160 | CDN-CM-27-AEM |
| CAOND108170 | BLANK-DB |
| CAOND108175 | CDN-GS-5W |
| CAOND108190 | CDN-CM-28-AEM |
| CAOND108215 | CDN-CM-27-AEM |
| CAOND108220 | BLANK-DB |
| CAOND108230 | CDN-GS-5W |
| CAOND108245 | CDN-CM-28-AEM |
| CAOND108260 | CDN-CM-27-AEM |
| CAOND108270 | BLANK-DB |
| CAOND108275 | CDN-GS-5W |
| CAOND108290 | CDN-CM-28-AEM |
| CAOND108315 | CDN-CM-27-AEM |
| CAOND108320 | BLANK-DB |
| CAOND108330 | CDN-GS-5W |
| CAOND108345 | CDN-CM-28-AEM |

**Hole number:** KLUC19-547

| Sample number | Standard |
|---|---|
| CAOND108360 | CDN-CM-27-AEM |
| CAOND108370 | BLANK-DB |
| CAOND108375 | CDN-GS-5W |
| CAOND108390 | CDN-CM-28-AEM |
| CAOND108415 | CDN-CM-27-AEM |
| CAOND108420 | BLANK-DB |
| CAOND108430 | CDN-GS-5W |
| CAOND108445 | CDN-CM-28-AEM |
| CAOND108460 | CDN-CM-27-AEM |
| CAOND108470 | BLANK-DB |
| CAOND108475 | CDN-GS-5W |
| CAOND108490 | CDN-CM-28-AEM |
| CAOND108494 | CDN-GS-5W |
| CAOND119190 | CDN-CM-28-AEM |

**Major:** **From:** 0.00 **To:** 11.20 OVB, Overburden

**Major:** **From:** 11.20 **To:** 65.90 S, Roches sédimentaires indéterminées

Composition: Dominantly pink to purplish pink with minor patches of yellowish brown and stringers of dark green, massive with no observed sedimentary structures, heterogeneous and very fine to fine grained; S - Sediment. Magnetism: Moderately magnetic up to 25m then changes for none to weakly magnetic. Veinning: 2-3% chaotic microfracture filling calcite veinlets. Structure: Undeformed with local intervals of weakly broken core. Alteration: Moderate to strong pervasive calcite alteration. Mineralization: Locally 1-3% very fine grained disseminated PY. Lower Contact: Sharp but slightly irregular, oriented at 30 TCA.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

24.50, 27.00, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained disseminated Py
27.00, 44.60, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated Py
44.60, 58.50, PYR, DIS, .50, -, VFG, 0.5-1% very fine grained disseminated Py
58.50, 65.90, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained disseminated Py
60.40, 61.00, PYR, STG, 1.00, -, VFG, 1% irregular stringers of Py

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

11.20, 65.90, CAL+, PEN, MOD, -, -, -, Moderate to strong pervasive calcite alteration

**STRUCTURE**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107817 | 11.2 | 12.5 | 1.3 | 0.003 | | | | 2.63 |
| CAOND107818 | 12.5 | 14.0 | 1.5 | 0.003 | | | | 2.66 |
| CAOND107819 | 14.0 | 15.5 | 1.5 | 0.003 | | | | 2.62 |
| CAOND107821 | 15.5 | 17.0 | 1.5 | 0.003 | | | | 2.65 |
| CAOND107822 | 17.0 | 18.5 | 1.5 | 0.003 | | | | 2.71 |
| CAOND107823 | 18.5 | 20.0 | 1.5 | 0.003 | | | | 2.72 |
| CAOND107824 | 20.0 | 21.5 | 1.5 | 0.003 | | | | 2.68 |
| CAOND107826 | 21.5 | 23.0 | 1.5 | 0.003 | | | | 2.73 |
| CAOND107827 | 23.0 | 24.5 | 1.5 | 0.003 | | | | 2.71 |
| CAOND107828 | 24.5 | 26.0 | 1.5 | 0.075 | | | | 2.72 |
| CAOND107829 | 26.0 | 27.5 | 1.5 | 0.160 | | | | 2.71 |
| CAOND107831 | 27.5 | 29.0 | 1.5 | 0.237 | | | | 2.71 |
| CAOND107832 | 29.0 | 30.5 | 1.5 | 0.358 | | | | 2.72 |
| CAOND107833 | 30.5 | 32.0 | 1.5 | 0.159 | | | | 2.72 |
| CAOND107834 | 32.0 | 33.5 | 1.5 | 0.184 | | | | 2.70 |
| CAOND107835 | 33.5 | 35.0 | 1.5 | 0.038 | | | | 2.71 |

**Hole number:** KLUC19-547

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
11.20, 19.00, BRR, WEAK, -, -, -, -, Weakly broken core
58.50, 65.90, DFZ, WEAK, 30.00, -, -, -, Weak parallel deformation at 30-40 TCA
58.50, 65.90, FOL, WEAK, 30.00, -, -, -, Weak preferential alignment at 30-40 TCA defined by the alignmed of altering layers of differing composition and alignment of microfractures

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
63.80, 65.90, CAL, 15.00, -, -, -, -, -, -, -, -, -, 15% chaotic, irregular, wavy and whispy calcite veinlets

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107836 | 35.0 | 36.5 | 1.5 | 0.108 | | | | 2.70 |
| CAOND107837 | 36.5 | 38.0 | 1.5 | 0.359 | | | | 2.70 |
| CAOND107838 | 38.0 | 39.5 | 1.5 | 0.100 | | | | 2.70 |
| CAOND107839 | 39.5 | 41.0 | 1.5 | 0.144 | | | | 2.72 |
| CAOND107840 | 41.0 | 42.5 | 1.5 | 0.055 | | | | 2.72 |
| CAOND107841 | 42.5 | 44.0 | 1.5 | 0.134 | | | | 2.73 |
| CAOND107842 | 44.0 | 45.5 | 1.5 | 0.093 | | | | 2.71 |
| CAOND107843 | 45.5 | 47.0 | 1.5 | 0.003 | | | | 2.70 |
| CAOND107844 | 47.0 | 48.5 | 1.5 | 0.006 | | | | 2.71 |
| CAOND107846 | 48.5 | 50.0 | 1.5 | 0.015 | | | | 2.69 |
| CAOND107847 | 50.0 | 51.5 | 1.5 | 0.063 | | | | 2.70 |
| CAOND107848 | 51.5 | 53.0 | 1.5 | 0.068 | | | | 2.68 |
| CAOND107849 | 53.0 | 54.5 | 1.5 | 0.012 | | | | 2.69 |
| CAOND107851 | 54.5 | 56.0 | 1.5 | 0.125 | | | | 2.64 |
| CAOND107852 | 56.0 | 57.5 | 1.5 | 0.039 | | | | 2.63 |
| CAOND107853 | 57.5 | 58.5 | 1.0 | 1.105 | | | | 2.67 |
| CAOND107854 | 58.5 | 60.0 | 1.5 | 0.473 | | | | 2.67 |
| CAOND107855 | 60.0 | 61.5 | 1.5 | 0.352 | | | | 2.68 |
| CAOND107856 | 61.5 | 63.0 | 1.5 | 1.005 | | | | 2.69 |
| CAOND107857 | 63.0 | 64.5 | 1.5 | 0.809 | | | | 2.73 |
| CAOND107858 | 64.5 | 65.9 | 1.4 | 0.636 | | | | 2.76 |

**Major:** **From:** 65.90 **To:** 263.70 I2Dm, Mafic Syenite

XRF Classified as Amp-only Porphyry intrusive, but seems to be a mafic trachyte base on pre-XRF classifications Composition: Dark green to locally purplish green, dominantly massive and homogeneous with minor intervals that are weakly banded and foliated, very fine to fine grained, 0.5-1% fine grained subhedral possibly amp phenocrysts; I2Dm - Mafic syenite. Magnetism: Strongly magnetic. Veinning: 1-5% chaotic and discontinous calcite veinlets. Structure: Undeformed with minor local intervals of weak parallel deformation at 30-40 TCA. Alteration: Strong pervasive calcite alteration. Mineralization: 0.1-0.5% very fine grained disseminated Py occuring in random clusters in margins of calcite veins. Locally up to 2% PY. Lower Contact: Sharp and oriented at 30 TCA. Contact marked by a sudden increase in chlorite alteration and change in texture to mostly massive to brecciated.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
65.90, 73.20, PYR, DIS, .10, -, VFG, 0.1-0.5% very fine grained disseminated PY occuring in random clusters in proximity to calcite veinelts

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107859 | 65.9 | 67.0 | 1.1 | 0.171 | | | | 2.78 |
| CAOND107861 | 67.0 | 68.5 | 1.5 | 0.006 | | | | 2.76 |
| CAOND107862 | 68.5 | 70.0 | 1.5 | 0.005 | | | | 2.77 |
| CAOND107863 | 70.0 | 71.5 | 1.5 | 0.003 | | | | 2.78 |
| CAOND107864 | 71.5 | 73.0 | 1.5 | 0.003 | | | | 2.79 |
| CAOND107865 | 73.0 | 74.5 | 1.5 | 0.010 | | | | 2.80 |
| CAOND107866 | 74.5 | 76.0 | 1.5 | 0.003 | | | | 2.82 |
| CAOND107867 | 76.0 | 77.5 | 1.5 | 0.003 | | | | 2.84 |
| CAOND107868 | 77.5 | 79.0 | 1.5 | 0.003 | | | | 2.84 |
| CAOND107869 | 79.0 | 80.5 | 1.5 | 0.003 | | | | 2.84 |
| CAOND107871 | 80.5 | 82.0 | 1.5 | 0.007 | | | | 2.81 |

**Hole number:** KLUC19-547

73.20, 73.30, PYR, DIS, 2.00, -, VFG, 2% very fine grained disseminated Py in 5cm thick margin of a 0.4cm think calcite vein
73.30, 96.50, PYR, DIS, .10, -, VFG, 0.1-0.5% very fine grained disseminated PY occuring in random clusters in proximity to calcite veinelts
96.50, 97.00, PYR, DIS, 1.00, -, VFG, 0.5-1% very fine grained disseminated Py
97.00, 125.30, PYR, DIS, .10, -, VFG, 0.1-0.5% very fine grained disseminated PY occuring in random clusters
125.30, 125.50, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained disseminated Py in a 20cm thick intervals of kspar alt.
125.50, 129.60, PYR, DIS, .10, -, VFG, 0.1-0.5% very fine grained disseminated PY
129.60, 129.70, PYR, DIS, 1.00, -, VFG, 1% very fine grained disseminated PY
129.70, 136.30, PYR, DIS, .10, -, VFG, 0.1-0.5% very fine grained disseminated PY
136.30, 136.50, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained disseminated Py in a 20cm thick medium pink interval
136.50, 263.70, PYR, DIS, .10, -, VFG, 0.1-0.5% very fine grained disseminated PY

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
65.90, 150.00, CAL+, PEN, STRONG, -, -, -, Strong pervasive calcite alteration
125.30, 125.50, KFS+, PEN, MOD, -, -, -, 20cm thick interval of Kspar alteration
136.30, 136.50, KFS+, PEN, MOD, -, -, -, 20cm thick interval of Kspar or pink calcite alteration
150.00, 263.70, CAL+, PEN, STRONG, -, -, -, Strong pervasive calcite alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
96.00, 100.00, DFZ, WEAK, 30.00, -, -, -, Weak parallel deformation at 30-40 TCA
96.00, 100.00, FOL, WEAK, 30.00, -, -, -, Weak preferential alignment at 30-40 TCA
162.70, 174.50, DFZ, WEAK, 40.00, -, -, -, Weak parallel deformation at 30-40 TCA
162.70, 174.50, FOL, WEAK, 40.00, -, -, -, Weak preferential alignment at 30-40 TCA
199.00, 213.70, DFZ, WEAK, 40.00, -, -, -, Weak parallel deformation at 40 TCA
199.00, 213.70, FOL, WEAK, 40.00, -, -, -, Weak preferential alignment at 40 TCA
236.00, 237.00, BRR, MOD, -, -, -, -, Moderate angular broken/fractured core
242.50, 263.70, DFZ, WEAK, 40.00, -, -, -, Weak parallel deformation at 40 TCA
242.50, 263.70, FOL, WEAK, 40.00, -, -, -, Weak preferential alignment at 40 TCA
254.00, 263.70, BRC, WEAK, -, -, -, -, Weak in situ brecciation??

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
65.90, 69.00, CAL, 15.00, -, -, -, -, -, -, -, -, -, 15% chaotic, irregular, wavy and whispy calcite veinlets
69.00, 150.00, CAL, 5.00, -, -, -, -, -, -, -, -, -, 3-5% chaotic, whispy and discontinous calcite veinlets, dominantly microfracture filling

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107872 | 82.0 | 83.5 | 1.5 | 0.003 | | | | 2.81 |
| CAOND107873 | 83.5 | 85.0 | 1.5 | 0.003 | | | | 2.81 |
| CAOND107874 | 85.0 | 86.5 | 1.5 | 0.003 | | | | 2.82 |
| CAOND107876 | 86.5 | 88.0 | 1.5 | 0.009 | | | | 2.82 |
| CAOND107877 | 88.0 | 89.5 | 1.5 | 0.005 | | | | 2.84 |
| CAOND107878 | 89.5 | 91.0 | 1.5 | 0.003 | | | | 2.84 |
| CAOND107879 | 91.0 | 92.5 | 1.5 | 0.003 | | | | 2.84 |
| CAOND107881 | 92.5 | 94.0 | 1.5 | 0.003 | | | | 2.84 |
| CAOND107882 | 94.0 | 95.5 | 1.5 | 0.006 | | | | 2.82 |
| CAOND107883 | 95.5 | 97.0 | 1.5 | 0.010 | | | | 2.79 |
| CAOND107884 | 97.0 | 98.5 | 1.5 | 0.003 | | | | 2.78 |
| CAOND107885 | 98.5 | 100.0 | 1.5 | 0.003 | | | | 2.78 |
| CAOND107886 | 100.0 | 101.5 | 1.5 | 0.003 | | | | 2.79 |
| CAOND107887 | 101.5 | 103.0 | 1.5 | 0.003 | | | | 2.81 |
| CAOND107888 | 103.0 | 104.5 | 1.5 | 0.003 | | | | 2.81 |
| CAOND107889 | 104.5 | 106.0 | 1.5 | 0.007 | | | | 2.86 |
| CAOND107891 | 106.0 | 107.5 | 1.5 | 0.015 | | | | 2.87 |
| CAOND107892 | 107.5 | 109.0 | 1.5 | 0.009 | | | | 2.87 |
| CAOND107893 | 109.0 | 110.5 | 1.5 | 0.008 | | | | 2.88 |
| CAOND107894 | 110.5 | 112.0 | 1.5 | 0.003 | | | | 2.86 |
| CAOND107895 | 112.0 | 113.5 | 1.5 | 0.008 | | | | 2.90 |
| CAOND107896 | 113.5 | 115.0 | 1.5 | 0.006 | | | | 2.89 |
| CAOND107897 | 115.0 | 116.5 | 1.5 | 0.003 | | | | 2.86 |
| CAOND107898 | 116.5 | 118.0 | 1.5 | 0.003 | | | | 2.86 |
| CAOND107899 | 118.0 | 119.5 | 1.5 | 0.003 | | | | 2.87 |
| CAOND107901 | 119.5 | 121.0 | 1.5 | 0.003 | | | | 2.88 |
| CAOND107902 | 121.0 | 122.5 | 1.5 | 0.006 | | | | 2.87 |
| CAOND107903 | 122.5 | 124.0 | 1.5 | 0.035 | | | | 2.85 |
| CAOND107904 | 124.0 | 125.0 | 1.0 | 0.003 | | | | 2.83 |
| CAOND107905 | 125.0 | 126.0 | 1.0 | 0.484 | | | | 2.82 |
| CAOND107906 | 126.0 | 127.5 | 1.5 | 0.003 | | | | 2.83 |
| CAOND107907 | 127.5 | 129.0 | 1.5 | 0.035 | | | | 2.82 |
| CAOND107908 | 129.0 | 130.5 | 1.5 | 0.457 | | | | 2.82 |

**Hole number:** KLUC19-547

125.30, 125.50, FSP, 80.00, -, -, -, -, -, -, -, PYR, 2.00, 20cm thick intervals of kspar and calcite with 2-3% vfgr. diss. Py
150.00, 175.00, CAL, 3.00, -, -, -, -, -, -, -, -, -, 3-5% chaotic, whispy and discontinous calcite veinlets, dominantly microfracture filling
175.00, 223.00, CAL, 2.00, -, -, -, -, -, -, -, -, -, 2-3% chaotic, whispy and discontinous calcite veinlets, dominantly microfracture filling
223.00, 263.70, CAL, 1.00, -, -, -, -, -, -, -, -, -, 1-2% chaotic, discontinous calcite veinlets, dominantly microfracture filling

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107909 | 130.5 | 132.0 | 1.5 | 0.014 | | | | 2.84 |
| CAOND107910 | 132.0 | 133.5 | 1.5 | 0.003 | | | | 2.86 |
| CAOND107911 | 133.5 | 135.0 | 1.5 | 0.003 | | | | 2.86 |
| CAOND107912 | 135.0 | 136.0 | 1.0 | 0.003 | | | | 2.84 |
| CAOND107913 | 136.0 | 137.0 | 1.0 | 0.012 | | | | 2.83 |
| CAOND107914 | 137.0 | 138.5 | 1.5 | 0.003 | | | | 2.83 |
| CAOND107916 | 138.5 | 140.0 | 1.5 | 0.007 | | | | 2.87 |
| CAOND107917 | 140.0 | 141.5 | 1.5 | 0.003 | | | | 2.84 |
| CAOND107918 | 141.5 | 143.0 | 1.5 | 0.003 | | | | 2.81 |
| CAOND107919 | 143.0 | 144.5 | 1.5 | 0.003 | | | | 2.82 |
| CAOND107921 | 144.5 | 146.0 | 1.5 | 0.003 | | | | 2.83 |
| CAOND107922 | 146.0 | 147.5 | 1.5 | 0.003 | | | | 2.84 |
| CAOND107923 | 147.5 | 149.0 | 1.5 | 0.003 | | | | 2.82 |
| CAOND107924 | 149.0 | 150.5 | 1.5 | 0.003 | | | | 2.84 |
| CAOND107926 | 150.5 | 152.0 | 1.5 | 0.003 | | | | 2.85 |
| CAOND107927 | 152.0 | 153.5 | 1.5 | 0.003 | | | | 2.84 |
| CAOND107928 | 153.5 | 155.0 | 1.5 | 0.003 | | | | 2.82 |
| CAOND107929 | 155.0 | 156.5 | 1.5 | 0.003 | | | | 2.82 |
| CAOND107931 | 156.5 | 158.0 | 1.5 | 0.003 | | | | 2.83 |
| CAOND107932 | 158.0 | 159.5 | 1.5 | 0.003 | | | | 2.84 |
| CAOND107933 | 159.5 | 161.0 | 1.5 | 0.003 | | | | 2.84 |
| CAOND107934 | 161.0 | 162.5 | 1.5 | 0.003 | | | | 2.45 |
| CAOND107935 | 162.5 | 164.0 | 1.5 | 0.005 | | | | 2.81 |
| CAOND107936 | 164.0 | 165.5 | 1.5 | 0.006 | | | | 2.79 |
| CAOND107937 | 165.5 | 167.0 | 1.5 | 0.003 | | | | 2.79 |
| CAOND107938 | 167.0 | 168.5 | 1.5 | 0.003 | | | | 2.80 |
| CAOND107939 | 168.5 | 170.0 | 1.5 | 0.005 | | | | 2.78 |
| CAOND107940 | 170.0 | 171.5 | 1.5 | 0.003 | | | | 2.77 |
| CAOND107941 | 171.5 | 173.0 | 1.5 | 0.003 | | | | 2.80 |
| CAOND107942 | 173.0 | 174.0 | 1.0 | 0.003 | | | | 2.79 |
| CAOND107943 | 174.0 | 175.0 | 1.0 | 0.003 | | | | 2.76 |
| CAOND107944 | 175.0 | 176.5 | 1.5 | 0.003 | | | | 2.80 |
| CAOND107946 | 176.5 | 178.0 | 1.5 | 0.003 | | | | 2.81 |

**Hole number:** KLUC19-547

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107947 | 178.0 | 179.5 | 1.5 | 0.005 | | | | 2.83 |
| CAOND107948 | 179.5 | 181.0 | 1.5 | 0.003 | | | | 2.82 |
| CAOND107949 | 181.0 | 182.5 | 1.5 | 0.003 | | | | 2.82 |
| CAOND107951 | 182.5 | 184.0 | 1.5 | 0.003 | | | | 2.84 |
| CAOND107952 | 184.0 | 185.5 | 1.5 | 0.003 | | | | 2.87 |
| CAOND107953 | 185.5 | 187.0 | 1.5 | 0.003 | | | | 2.89 |
| CAOND107954 | 187.0 | 188.5 | 1.5 | 0.006 | | | | 2.90 |
| CAOND107955 | 188.5 | 190.0 | 1.5 | 0.006 | | | | 2.89 |
| CAOND107956 | 190.0 | 191.5 | 1.5 | 0.005 | | | | 2.89 |
| CAOND107957 | 191.5 | 193.0 | 1.5 | 0.003 | | | | 2.85 |
| CAOND107958 | 193.0 | 194.5 | 1.5 | 0.003 | | | | 2.84 |
| CAOND107959 | 194.5 | 196.0 | 1.5 | 0.003 | | | | 2.82 |
| CAOND107961 | 196.0 | 197.5 | 1.5 | 0.003 | | | | 2.83 |
| CAOND107962 | 197.5 | 199.0 | 1.5 | 0.003 | | | | 2.81 |
| CAOND107963 | 199.0 | 200.5 | 1.5 | 0.003 | | | | 2.79 |
| CAOND107964 | 200.5 | 202.0 | 1.5 | 0.003 | | | | 2.78 |
| CAOND107965 | 202.0 | 203.5 | 1.5 | 0.006 | | | | 2.78 |
| CAOND107966 | 203.5 | 205.0 | 1.5 | 0.009 | | | | 2.80 |
| CAOND107967 | 205.0 | 206.5 | 1.5 | 0.003 | | | | 2.79 |
| CAOND107968 | 206.5 | 208.0 | 1.5 | 0.003 | | | | 2.79 |
| CAOND107969 | 208.0 | 209.5 | 1.5 | 0.003 | | | | 2.78 |
| CAOND107971 | 209.5 | 211.0 | 1.5 | 0.007 | | | | 2.79 |
| CAOND107972 | 211.0 | 212.5 | 1.5 | 0.003 | | | | 2.80 |
| CAOND107973 | 212.5 | 214.0 | 1.5 | 0.003 | | | | 2.79 |
| CAOND107974 | 214.0 | 215.5 | 1.5 | 0.003 | | | | 2.81 |
| CAOND107976 | 215.5 | 217.0 | 1.5 | 0.003 | | | | 2.81 |
| CAOND107977 | 217.0 | 218.5 | 1.5 | 0.007 | | | | 2.80 |
| CAOND107978 | 218.5 | 220.0 | 1.5 | 0.005 | | | | 2.83 |
| CAOND107979 | 220.0 | 221.5 | 1.5 | 0.005 | | | | 2.83 |
| CAOND107981 | 221.5 | 223.0 | 1.5 | 0.003 | | | | 2.83 |
| CAOND107982 | 223.0 | 224.5 | 1.5 | 0.003 | | | | 2.83 |
| CAOND107983 | 224.5 | 226.0 | 1.5 | 0.008 | | | | 2.81 |
| CAOND107984 | 226.0 | 227.5 | 1.5 | 0.021 | | | | 2.81 |

**Hole number:** KLUC19-547

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND107985 | 227.5 | 229.0 | 1.5 | 0.010 | | | | 2.80 |
| CAOND107986 | 229.0 | 230.5 | 1.5 | 0.003 | | | | 2.80 |
| CAOND107987 | 230.5 | 232.0 | 1.5 | 0.003 | | | | 2.81 |
| CAOND107988 | 232.0 | 233.5 | 1.5 | 0.007 | | | | 2.81 |
| CAOND107989 | 233.5 | 235.0 | 1.5 | 0.007 | | | | 2.80 |
| CAOND107991 | 235.0 | 236.0 | 1.0 | 0.003 | | | | 2.79 |
| CAOND107992 | 236.0 | 237.0 | 1.0 | 0.005 | | | | 2.79 |
| CAOND107993 | 237.0 | 238.5 | 1.5 | 0.006 | | | | 2.79 |
| CAOND107994 | 238.5 | 240.0 | 1.5 | 0.003 | | | | 2.79 |
| CAOND107995 | 240.0 | 241.5 | 1.5 | 0.003 | | | | 2.79 |
| CAOND107996 | 241.5 | 243.0 | 1.5 | 0.003 | | | | 2.79 |
| CAOND107997 | 243.0 | 244.5 | 1.5 | 0.006 | | | | 2.80 |
| CAOND107998 | 244.5 | 246.0 | 1.5 | 0.003 | | | | 2.80 |
| CAOND107999 | 246.0 | 247.5 | 1.5 | 0.003 | | | | 2.79 |
| CAOND108001 | 247.5 | 249.0 | 1.5 | 0.003 | | | | 2.79 |
| CAOND108002 | 249.0 | 250.5 | 1.5 | 0.003 | | | | 2.79 |
| CAOND108003 | 250.5 | 252.0 | 1.5 | 0.003 | | | | 2.79 |
| CAOND108004 | 252.0 | 253.5 | 1.5 | 0.005 | | | | 2.79 |
| CAOND108005 | 253.5 | 255.0 | 1.5 | 0.008 | | | | 2.79 |
| CAOND108006 | 255.0 | 256.5 | 1.5 | 0.008 | | | | 2.79 |
| CAOND108007 | 256.5 | 258.0 | 1.5 | 0.005 | | | | 2.80 |
| CAOND108008 | 258.0 | 259.5 | 1.5 | 0.003 | | | | 2.81 |
| CAOND108009 | 259.5 | 261.0 | 1.5 | 0.003 | | | | 2.79 |
| CAOND108010 | 261.0 | 262.5 | 1.5 | 0.005 | | | | 2.81 |
| CAOND108011 | 262.5 | 263.7 | 1.2 | 0.016 | | | | 2.80 |

**Major:** **From:** 263.70 **To:** 287.00 S1, CONGLOMÉRAT

Monolithic conglomerate or brecciated trachyte?? Composition: Dark green and dark grey very fine grained matrxi with medium pink and purplish pink monolithic clasts of various shapes and sizes, brecciated texture. Clasts appear to be syenitic or syenite porphyry in composition; S1 - Conglomerate. Magnetism: Moderate to strongly magnetic. Veinning: 0.5-1% mm scale irregular calcite veinlets. Structure: Moderate parallel deformation oriented at 30-40 TCA. Alteration: Strong pervasive calcite alteration. Mineralization: 0.5-1% very fine grained disseminated PY. Lower Contact: Relatively sharp but irregular. Contract placed where larger pebbles/clasts suddenly no longer present.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108012 | 263.7 | 265.0 | 1.3 | 0.023 | | | | 2.80 |
| CAOND108013 | 265.0 | 266.5 | 1.5 | 0.010 | | | | 2.82 |
| CAOND108014 | 266.5 | 268.0 | 1.5 | 0.014 | | | | 2.85 |
| CAOND108016 | 268.0 | 269.5 | 1.5 | 0.032 | | | | 2.81 |
| CAOND108017 | 269.5 | 271.0 | 1.5 | 0.003 | | | | 2.78 |
| CAOND108018 | 271.0 | 272.5 | 1.5 | 0.012 | | | | 2.77 |
| CAOND108019 | 272.5 | 274.0 | 1.5 | 0.016 | | | | 2.81 |

**Hole number:** KLUC19-547

263.70, 269.00, PYR, DIS, .50, -, VFG, 0.5% very fine grained disseminated PY
269.00, 269.50, PYR, DIS, 2.00, -, VFG, 2% very fine grained disseminated PY
269.50, 287.00, PYR, DIS, .50, -, VFG, 0.5% very fine grained disseminated PY

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
263.70, 287.00, CAL+, PEN, STRONG, -, -, -, Strong pervasive calcite alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
263.70, 287.00, DFZ, MOD, 40.00, -, -, -, Moderate parallel deformation at 30-40 TCA
263.70, 287.00, FOL, MOD, 40.00, -, -, -, Moderate preferential alignment of clasts/pebbles at 30-40 TCA
267.00, 267.50, BRR, WEAK, -, -, -, -, Weak angular broken/fractured core

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108021 | 274.0 | 275.5 | 1.5 | 0.016 | | | | 2.78 |
| CAOND108022 | 275.5 | 277.0 | 1.5 | 0.020 | | | | 2.79 |
| CAOND108023 | 277.0 | 278.5 | 1.5 | 0.011 | | | | 2.79 |
| CAOND108024 | 278.5 | 280.0 | 1.5 | 0.010 | | | | 2.80 |
| CAOND108026 | 280.0 | 281.5 | 1.5 | 0.006 | | | | 2.78 |
| CAOND108027 | 281.5 | 283.0 | 1.5 | 0.014 | | | | 2.78 |
| CAOND108028 | 283.0 | 284.5 | 1.5 | 0.036 | | | | 2.78 |
| CAOND108029 | 284.5 | 286.0 | 1.5 | 0.007 | | | | 2.78 |
| CAOND108031 | 286.0 | 287.5 | 1.5 | 0.021 | | | | 2.80 |

**Major:** **From:** 287.00 **To:** 306.10 S, Roches sédimentaires indéterminées

Composition: Medium and drak grey, very fine grained, homogenous and equigranular; S - sediments. Magnetism: Strongly magnetic. Veinning: 1% irregular, discontinuous and chaotic, fracture filling calcite veinlets. Structure: Weak to moderate parallel deformation at 40 TCA. Alteration: Strong pervasive calcite alteration and weak pervasive chlorite alteration. Mineralization: None observed. Lower Contact: Sharp but irregular.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
305.00, 306.10, PYR, DIS, 1.00, -, VFG, 1% very fine grained disseminated Py

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
287.00, 306.10, CAL+, PEN, STRONG, -, -, -, Strong pervasive calcite alteration
305.00, 306.10, SER+, PAT, WEAK, -, -, -, Weak Patchy Se alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
287.00, 304.00, DFZ, WEAK, 40.00, -, -, -, Weak to moderate parallel deformation
287.00, 304.00, FOL, WEAK, 40.00, -, -, -, Weak to moderate preferential alignment at 40 TCA
304.00, 306.10, DFZ, MOD, 40.00, -, -, -, Moderate parallel deformation
304.00, 306.10, FOL, MOD, 40.00, -, -, -, Moderate preferential alignment at 40 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108032 | 287.5 | 289.0 | 1.5 | 0.008 | | | | 2.82 |
| CAOND108033 | 289.0 | 290.5 | 1.5 | 0.008 | | | | 2.80 |
| CAOND108034 | 290.5 | 292.0 | 1.5 | 0.003 | | | | 2.80 |
| CAOND108035 | 292.0 | 293.5 | 1.5 | 0.003 | | | | 2.80 |
| CAOND108036 | 293.5 | 295.0 | 1.5 | 0.003 | | | | 2.80 |
| CAOND108037 | 295.0 | 296.5 | 1.5 | 0.003 | | | | 2.80 |
| CAOND108038 | 296.5 | 298.0 | 1.5 | 0.003 | | | | 2.80 |
| CAOND108039 | 298.0 | 299.5 | 1.5 | 0.003 | | | | 2.80 |
| CAOND108040 | 299.5 | 301.0 | 1.5 | 0.003 | | | | 2.79 |
| CAOND108041 | 301.0 | 302.5 | 1.5 | 0.003 | | | | 2.79 |
| CAOND108042 | 302.5 | 304.0 | 1.5 | 0.005 | | | | 2.79 |
| CAOND108043 | 304.0 | 305.0 | 1.0 | 0.005 | | | | 2.79 |
| CAOND108044 | 305.0 | 306.1 | 1.1 | 0.013 | | | | 2.85 |

**Major:** **From:** 306.10 **To:** 307.00 FP, Feldspar porphyry

Fspar only porphyry intrusion (based on XRF NL intrusion classification) Composition: Medium orangish red, fine grained matrix with 2-3% medium grained subhedral altered fspar? phenocrysts, weakly porphyrytic. 10cm thick interval of sediment unit within FP interval; FP - Feldspar poprhyry. Magnetism: None magnetic Veinning: 2-3% 1-5mm thick qtz-carb and carb veins, irregular but parallel at 50-60 TCA, opposite to deformation in adjacent seds unit. Structure: Weak healed fracturing. Alteration: Strong

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108046 | 306.1 | 307.0 | 0.9 | 0.020 | | | | 2.75 |

**Hole number:** KLUC19-547

reddish alteration and weak carbonate. Mineralization: 0.1-0.5% very fine grained disseminated PY. Lower Contact: Sharp but irregular.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

306.10, 307.00, PYR, DIS, .10, -, VFG, 0.1-0.5% very fine grained disseminated PY

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

306.10, 307.00, CBT+, SPO, WEAK, -, -, -, Weak spotty carb alt.

306.10, 307.00, HEM+, PEN, STRONG, -, -, -, Strong reddish alteration

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

306.10, 307.00, QtzCbt, 2.00, -, -, -, -, -, -, -, -, -, 2-3% 1-5mm thick qtz-carb and carb veinning, parallel to one another at 50 TCA

**Major:** **From:** 307.00 **To:** 311.40 S, Roches sédimentaires indéterminées

Composition: Medium grey, dark greenish grey and dark purplish pink, fine grained, patchy and chaotic, heterogenous; S - sediment Magnetism: Strongly magnetic. Veinning: 1% chaotic pink calcite veins and 1x cluster of qtz-carb veins over 3cm. Structure: Weak deformation and locally parallel microfractures. Alteration: Moderate to strong calcite alteration. Mineralization: Locally 1% very fine grained disseminated PY towards end of unit. Lower Contact: Sharp and relatively straight and oriented at 40 TCA.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

310.00, 311.40, PYR, DIS, 1.00, -, VFG, 1% very fine grained disseminated Py

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

307.00, 311.40, CAL+, PEN, MOD, -, -, -, Moderate to strong perasive calcite alt.

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

307.00, 311.40, DFZ, WEAK, 40.00, -, -, -, Weak deformation

307.00, 311.40, FOL, WEAK, 40.00, -, -, -, Local weak preferential alignment of microfractures at 40 TCA

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

307.00, 307.20, CBT, 10.00, -, -, -, -, -, -, -, -, -, 10% irregular and discontinuous carb veinning 0.5cm thick

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108047 | 307.0 | 308.5 | 1.5 | 0.013 | | | | 2.86 |
| CAOND108048 | 308.5 | 310.0 | 1.5 | 0.022 | | | | 2.81 |
| CAOND108049 | 310.0 | 311.4 | 1.4 | 0.020 | | | | 2.82 |

**Hole number:** KLUC19-547

**Major:** **From:** 311.40 **To:** 382.20 I2Dmp, Syenite mafic porphyryitic

Mixed amp-fsar porphyry intrusion (based on XRF NL plot classification). Composition: Dark purplish pink colour with local dark green spots and irregular patches, dominantly massive texture but weakly porphyritic, 1-2% very fine to fine grained amp and fspar phenocrysts and <1% random mafic xenoliths up to 4cm in size; I2Dmp - Syenite mafic porphyry. Magnetism: Moderately magnetic. Veinning: 1-2% chaotic and discontinous calcite veinlets. Structure: Rare to weakly chaotically deformed and fractured. Alteration: Moderate pervasive calcite alteration and weak to moderate chlorite occuring in fractures and xenoliths. Mineralization: 1-2% very fine grained disseminated Py. Lower Contact: Sharp and relatively straight; oriented at 30 TCA.

**MINOR INTERVAL**

364.00 - 364.20: S20cm thick interval of moderately deformed and foliation, moderate chlorite and calcite altered sedminent unit.

**MINOR INTERVAL**

371.50 - 371.80: S30cm thick interval of moderately deformed and weakly foliation, moderate chlorite and calcite altered sedminent unit.

**MINOR INTERVAL**

378.90 - 379.10: S20cm thick interval of moderately deformed and foliation, moderate chlorite and calcite altered sedminent unit.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

311.40, 329.00, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated Py
329.00, 333.00, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained disseminated Py
333.00, 336.50, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated Py
336.50, 337.50, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained disseminated Py
337.50, 349.00, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated Py
349.00, 379.70, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained disseminated Py
379.70, 380.70, PYR, DIS, 10.00, -, VFG, 10% very fine grained disseminated PY
380.00, 380.70, PYR, STG, 2.00, -, FGR, 2-3% chaotic and irregular fracture filling PY
380.70, 382.20, PYR, DIS, 5.00, -, VFG, 5% very fine grained disseminated PY, 1x 1mm thick PY stringer

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

311.40, 382.20, CAL+, PEN, MOD, -, -, -, Weak to moderate pervasive calcite alteration
311.40, 382.20, CHL+, PAT, WEAK, -, -, -, Weak to moderate chlorite alteration occuring in fractures and xenoliths
379.70, 380.70, KFS+, PAT, WEAK, -, -, -, Weak patchy kspar alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

311.40, 382.20, DFZ, WEAK, -, -, -, -, Weak brittle deformation, random chaotic healed microfractures

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108051 | 311.4 | 312.5 | 1.1 | 0.011 | | | | 2.74 |
| CAOND108052 | 312.5 | 314.0 | 1.5 | 0.012 | | | | 2.74 |
| CAOND108053 | 314.0 | 315.5 | 1.5 | 0.015 | | | | 2.73 |
| CAOND108054 | 315.5 | 317.0 | 1.5 | 0.009 | | | | 2.74 |
| CAOND108055 | 317.0 | 318.5 | 1.5 | 0.008 | | | | 2.76 |
| CAOND108056 | 318.5 | 320.0 | 1.5 | 0.008 | | | | 2.75 |
| CAOND108057 | 320.0 | 321.5 | 1.5 | 0.009 | | | | 2.75 |
| CAOND108058 | 321.5 | 323.0 | 1.5 | 0.012 | | | | 2.76 |
| CAOND108059 | 323.0 | 324.5 | 1.5 | 0.009 | | | | 2.76 |
| CAOND108061 | 324.5 | 326.0 | 1.5 | 0.018 | | | | 2.76 |
| CAOND108062 | 326.0 | 327.5 | 1.5 | 0.023 | | | | 2.76 |
| CAOND108063 | 327.5 | 329.0 | 1.5 | 0.014 | | | | 2.75 |
| CAOND108064 | 329.0 | 330.5 | 1.5 | 0.010 | | | | 2.78 |
| CAOND108065 | 330.5 | 332.0 | 1.5 | 0.008 | | | | 2.80 |
| CAOND108066 | 332.0 | 333.5 | 1.5 | 0.028 | | | | 2.80 |
| CAOND108067 | 333.5 | 335.0 | 1.5 | 0.026 | | | | 2.78 |
| CAOND108068 | 335.0 | 336.5 | 1.5 | 0.010 | | | | 2.77 |
| CAOND108069 | 336.5 | 338.0 | 1.5 | 0.014 | | | | 2.76 |
| CAOND108071 | 338.0 | 339.5 | 1.5 | 0.010 | | | | 2.74 |
| CAOND108072 | 339.5 | 341.0 | 1.5 | 0.009 | | | | 2.73 |
| CAOND108073 | 341.0 | 342.5 | 1.5 | 0.014 | | | | 2.74 |
| CAOND108074 | 342.5 | 344.0 | 1.5 | 0.014 | | | | 2.74 |
| CAOND108076 | 344.0 | 345.5 | 1.5 | 0.020 | | | | 2.74 |
| CAOND108077 | 345.5 | 347.0 | 1.5 | 0.008 | | | | 2.74 |
| CAOND108078 | 347.0 | 348.5 | 1.5 | 0.023 | | | | 2.74 |
| CAOND108079 | 348.5 | 350.0 | 1.5 | 0.051 | | | | 2.76 |
| CAOND108081 | 350.0 | 351.5 | 1.5 | 0.022 | | | | 2.75 |
| CAOND108082 | 351.5 | 353.0 | 1.5 | 0.015 | | | | 2.75 |
| CAOND108083 | 353.0 | 354.5 | 1.5 | 0.016 | | | | 2.75 |
| CAOND108084 | 354.5 | 356.0 | 1.5 | 0.018 | | | | 2.74 |
| CAOND108085 | 356.0 | 357.5 | 1.5 | 0.021 | | | | 2.74 |
| CAOND108086 | 357.5 | 359.0 | 1.5 | 0.013 | | | | 2.76 |

**Hole number:** KLUC19-547

throughout
315.00, 322.00, BRR, WEAK, -, -, -, -, Weakly broken/fractured parallel to core
315.00, 322.00, FRA, WEAK, -, -, -, -, Weakly broken/fractured parallel to core

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
379.70, 380.70, PYR, 2.00, -, -, -, -, -, -, -, PYR, 95.00, 2-3% irregular and chaotic stringers of PY

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108087 | 359.0 | 360.5 | 1.5 | 0.010 | | | | 2.74 |
| CAOND108088 | 360.5 | 362.0 | 1.5 | 0.011 | | | | 2.74 |
| CAOND108089 | 362.0 | 363.5 | 1.5 | 0.016 | | | | 2.74 |
| CAOND108091 | 363.5 | 365.0 | 1.5 | 0.015 | | | | 2.76 |
| CAOND108092 | 365.0 | 366.0 | 1.0 | 0.016 | | | | 2.74 |
| CAOND108093 | 366.0 | 367.0 | 1.0 | 0.022 | | | | 2.77 |
| CAOND108094 | 367.0 | 368.5 | 1.5 | 0.013 | | | | 2.75 |
| CAOND108095 | 368.5 | 370.0 | 1.5 | 0.016 | | | | 2.76 |
| CAOND108096 | 370.0 | 371.5 | 1.5 | 0.020 | | | | |
| CAOND108097 | 371.5 | 373.0 | 1.5 | 0.009 | | | | |
| CAOND108098 | 373.0 | 374.5 | 1.5 | 0.018 | | | | |
| CAOND108099 | 374.5 | 376.0 | 1.5 | 0.025 | | | | |
| CAOND108101 | 376.0 | 377.5 | 1.5 | 0.031 | | | | |
| CAOND108102 | 377.5 | 378.9 | 1.4 | 0.077 | | | | |
| CAOND108103 | 378.9 | 379.8 | 0.9 | 0.067 | | | | |
| CAOND108104 | 379.8 | 380.8 | 1.0 | 1.100 | | | | |
| CAOND108105 | 380.8 | 382.2 | 1.4 | 0.109 | | | | |

**Major:** **From:** 382.20 **To:** 400.80 S, Roches sédimentaires indéterminées

Composition: Dark green and medium pink gradually becoming more medium grey with medium red, very fine and fine grained chaotic, heterogeneous, could be classified as a tuffaceous mafic trachyte of somesort; S - sediments. Magnetism: Moderate to strong magnetism. Veinning: Rare random calcite stringers Structure: Weak deformation with weak preferential alignment at 40 TCA. Alteration: Strong pervasive calcite alteration. Mineralization: Mixture of 0.5, 1 and 2% very fine grained disseminated Py. Lower Contact: Sharp and irregular, possibly a sudden change in source of sediment.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
382.20, 386.60, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained disseminated Py
386.60, 388.00, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated Py
388.00, 391.30, PYR, DIS, .50, -, VFG, 0.5-1% very fine grained disseminated PY
391.30, 398.00, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated Py
398.00, 400.80, PYR, DIS, 2.00, -, FGR, 2-3% fine grained disseminated Py

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
382.20, 400.80, CAL+, PEN, STRONG, -, -, -, Strong pervasive calcite alteration
382.20, 400.80, CHL+, STG, MOD, -, -, -, Moderate stringers of chl alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108106 | 382.2 | 383.5 | 1.3 | 0.044 | | | | |
| CAOND108107 | 383.5 | 385.0 | 1.5 | 0.065 | | | | |
| CAOND108108 | 385.0 | 386.5 | 1.5 | 0.032 | | | | |
| CAOND108109 | 386.5 | 388.0 | 1.5 | 0.036 | | | | |
| CAOND108110 | 388.0 | 389.5 | 1.5 | 0.013 | | | | |
| CAOND108111 | 389.5 | 391.0 | 1.5 | 0.022 | | | | |
| CAOND108112 | 391.0 | 392.5 | 1.5 | 0.039 | | | | |
| CAOND108113 | 392.5 | 394.0 | 1.5 | 0.050 | | | | |
| CAOND108114 | 394.0 | 395.5 | 1.5 | 0.022 | | | | |
| CAOND108116 | 395.5 | 397.0 | 1.5 | 0.019 | | | | |
| CAOND108117 | 397.0 | 398.5 | 1.5 | 0.018 | | | | |
| CAOND108118 | 398.5 | 400.0 | 1.5 | 0.056 | | | | |
| CAOND108119 | 400.0 | 400.8 | 0.8 | 0.039 | | | | |

**Hole number:** KLUC19-547

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
382.20, 400.80, DFZ, WEAK, 40.00, -, -, -, Weak parallel deformation
382.20, 400.80, FOL, WEAK, 40.00, -, -, -, Weak preferential alignment

**Major:** **From:** 400.80 **To:** 419.50 S, Roches sédimentaires indéterminées

Composition: Medium pinkish grey with minor medium orangish red, fine grained, moderately well sorted, sandstone; S - sediment. Magnetism: None magnetic with minor weakly magnetic intervals and strongly magnetic in proximity to random diss. magnetite. Veinning: 10% irregular and chaotic network of qtz with minor carb veinning Structure: Weak deformation with weak preferential alignment at 40 TCA. Weak to moderate microfracturings throughout. Alteration: Weak pervasive carbonate alteration. Mineralization: 1-2% very fine grained disseminated Py throughout. 10% coarse grained PY and 5% patchy CP occuring over a 20cm thick interval within veinning. Lower Contact: Unclear. Contact placed where rounded sandstone grains are no longer observed.

**MINOR INTERVAL**
404.80 - 407.50: IMedium orangish pink, peach coloured fine grained massive intrusion? Chaotic qtz-carb veinning and 1-2% very fine grained disseminated Py throughout. Upper contacts are sharp but very irregular to brecciated?? Not sure if this is actually an intrusion or just appears to be because of alteration. There does not appear to be rounded qtz grains in this unit like adjacant major litho.

**MINOR INTERVAL**
419.20 - 419.50: I30cm thick intervals that appears to be composed of irregular discontinous lenses of intrusion alternating with sediment.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
400.80, 419.50, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated Py
404.60, 404.80, CPY, PAT, 5.00, -, CGR, 5% massive patches of Cp occuring in qtz-carb vein
404.60, 404.80, PYR, PAT, 10.00, -, CGR, 10% medium to coarse grained Py clustered in qtz-carb vein

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
400.80, 419.50, CBT+, PEN, WEAK, -, -, -, Weak to moderate pervasive carb alteration
400.80, 419.50, CHL+, STG, WEAK, -, -, -, Weak stringers of chl alteration occuring in microfractures
404.20, 407.60, KFS+, PEN, MOD, -, -, -, Moderate pervasive peach colour alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
400.80, 404.20, FOL, WEAK, 40.00, -, -, -, Weak preferential alignment of micrfractures
400.80, 419.50, DFZ, WEAK, -, -, -, -, Weak deformation locally parallel
400.80, 419.50, FRA, WEAK, -, -, -, -, Weak irregular and chaotic microfracturing

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/CON

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108121 | 400.8 | 402.0 | 1.2 | 0.025 | | | | |
| CAOND108122 | 402.0 | 403.5 | 1.5 | 0.041 | | | | |
| CAOND108123 | 403.5 | 404.8 | 1.3 | 25.300 | | | | |
| CAOND108124 | 404.8 | 405.8 | 1.0 | 0.051 | | | | |
| CAOND108126 | 405.8 | 406.5 | 0.7 | 0.047 | | | | |
| CAOND108127 | 406.5 | 407.5 | 1.0 | 0.027 | | | | |
| CAOND108128 | 407.5 | 409.0 | 1.5 | 0.045 | | | | |
| CAOND108129 | 409.0 | 410.5 | 1.5 | 0.023 | | | | |
| CAOND108131 | 410.5 | 412.0 | 1.5 | 0.035 | | | | |
| CAOND108132 | 412.0 | 413.5 | 1.5 | 0.041 | | | | |
| CAOND108133 | 413.5 | 415.0 | 1.5 | 0.036 | | | | |
| CAOND108134 | 415.0 | 416.5 | 1.5 | 0.020 | | | | |
| CAOND108135 | 416.5 | 418.0 | 1.5 | 0.021 | | | | |
| CAOND108136 | 418.0 | 419.0 | 1.0 | 0.034 | | | | |
| CAOND108137 | 419.0 | 419.5 | 0.5 | 0.013 | | | | |

**Hole number:** KLUC19-547

NTS
403.60, 408.00, QtzCbt, 10.00, -, -, -, -, -, -, -, CPY, 5.00, 10% chaotic and irregular qtz with minor carb veinning. Dominantly less than 1cm thick with 1x 15cm thick vein. 5% Cp, 10% Py and 2% specilurite locally clustered in group of veins.

**Major:** **From:** 419.50 **To:** 450.00 I2Dmp, Syenite mafic porphyryitic

Mixed amp-fspar porphyry intrusive (based on NL classification plots) Composition: Dominantly medium purplish pink with minor medium grey, weakly porphyritic, chaotic and heterogeneous texture, could be classified as sediment also; I2Dmp - Syenite mafic porphyry. Magnetism: None to weakly magnetic. Veinning: 1-2 aand 3-5% mm scale chaotic and discontinoue fracture filling carb. Structure: Weak healed microfracturings. Alteration: Weak to moderate pervasive hem alt. and weak spotted carb. alt. Mineralization: 1-2% very fine grained disseminated Py. Lower Contact: Sharp and relatively straight; oriented at 30 TCA.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
419.50, 433.00, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated Py
433.00, 433.50, PYR, DIS, 2.00, -, VFG, 2-3% fine grained disseminated Py
433.50, 441.80, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated Py
441.80, 444.00, PYR, DIS, 2.00, -, VFG, 2-3% fine grained disseminated Py; dominantly occuring throughout but clustered in a chl alt. fracture at 442m
444.00, 450.00, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated Py

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
419.50, 450.00, CBT+, SPO, WEAK, -, -, -, Weak spotted carb alt.
419.50, 450.00, CHL+, STG, WEAK, -, -, -, Weak to moderate chl alt. occuring in mm scale microfracturing
419.50, 450.00, HEM+, PEN, WEAK, -, -, -, Weak to moderate pervasive hem alt.

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
419.50, 450.00, DFZ, WEAK, -, -, -, -, Weak chaotic brittle deformation
419.50, 450.00, FRA, WEAK, -, -, -, -, Weak healed chaotic microfracturing

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/CON
NTS
422.00, 450.00, CBT, 3.00, -, -, -, -, -, -, -, -, -, 3-5% mm scale chaotic, discontinous carb veinlets

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108138 | 419.5 | 421.0 | 1.5 | 0.054 | | | | |
| CAOND108139 | 421.0 | 422.5 | 1.5 | 0.022 | | | | |
| CAOND108140 | 422.5 | 424.0 | 1.5 | 0.020 | | | | |
| CAOND108141 | 424.0 | 425.5 | 1.5 | 0.017 | | | | |
| CAOND108142 | 425.5 | 427.0 | 1.5 | 0.028 | | | | |
| CAOND108143 | 427.0 | 428.5 | 1.5 | 0.017 | | | | |
| CAOND108144 | 428.5 | 430.0 | 1.5 | 0.018 | | | | |
| CAOND108146 | 430.0 | 431.5 | 1.5 | 0.010 | | | | |
| CAOND108147 | 431.5 | 433.0 | 1.5 | 0.013 | | | | |
| CAOND108148 | 433.0 | 434.5 | 1.5 | 0.051 | | | | |
| CAOND108149 | 434.5 | 436.0 | 1.5 | 0.007 | | | | |
| CAOND108151 | 436.0 | 437.5 | 1.5 | 0.024 | | | | |
| CAOND108152 | 437.5 | 439.0 | 1.5 | 0.034 | | | | |
| CAOND108153 | 439.0 | 440.5 | 1.5 | 0.029 | | | | |
| CAOND108154 | 440.5 | 441.5 | 1.0 | 0.042 | | | | |
| CAOND108155 | 441.5 | 443.0 | 1.5 | 0.109 | | | | |
| CAOND108156 | 443.0 | 444.5 | 1.5 | 0.145 | | | | |
| CAOND108157 | 444.5 | 446.0 | 1.5 | 0.028 | | | | |
| CAOND108158 | 446.0 | 447.5 | 1.5 | 0.019 | | | | |
| CAOND108159 | 447.5 | 449.0 | 1.5 | 0.027 | | | | |
| CAOND108161 | 449.0 | 450.0 | 1.0 | 0.018 | | | | |

**Major:** **From:** 450.00 **To:** 456.10 S, Roches sédimentaires indéterminées

Mixture of intrusions and sedmient. Composition: Dominantly medium orangish red and medium yellowish green with white and pinkish brown, fine grained but chaotic and heterogeneous; S - Sediment Magnetism: Non magnetic Veinning: < 1% gradually increasing to 3% mm scale chaotic and

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108162 | 450.0 | 451.5 | 1.5 | 0.086 | | | | |
| CAOND108163 | 451.5 | 453.0 | 1.5 | 0.005 | | | | |

**Hole number:** KLUC19-547

irregular carb veinning. Structure: Moderate deformation dominantly chaotic but locally parallel at 30-40 TCA. Alteration: Patches of weak carbonate, moderate chl and moderate hem. Mineralization: 0.5-3% very fine grained disseminated Py. Lower Contact: Sharp but in/out over 50cm running parallel to core.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

450.00, 450.90, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated Py
450.90, 454.00, PYR, DIS, .50, -, VFG, 0.5-1% very fine grained disseminated PY
454.00, 455.00, PYR, DIS, 2.00, -, VFG, 2-3% fine grained disseminated Py
455.00, 456.10, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated Py

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

450.00, 451.00, CBT+, SPO, WEAK, -, -, -, Weak spotted carb alteration
450.00, 451.00, CHL+, PAT, WEAK, -, -, -, Weak patchy chl alteration
450.00, 451.00, HEM+, PEN, MOD, -, -, -, Moderate pervasive hem alt.
451.00, 455.30, CBT+, SPO, WEAK, -, -, -, -
451.00, 455.30, CHL+, PAT, WEAK, -, -, -, -
451.00, 455.30, HEM+, PAT, WEAK, -, -, -, Weak patchy hem
451.00, 455.30, SER+, PAT, WEAK, -, -, -, -

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

450.00, 456.10, DFZ, MOD, -, -, -, -, Moderate chaotic deformation with weak to moderate chaotic healed fracturing
453.00, 455.30, FOL, WEAK, 40.00, -, -, -, Weak preferential alignment

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

453.00, 455.30, CBT, 2.00, -, -, -, -, -, -, -, -, -, 2-3% irregular, chaotic, discontinous, mm scale carb veinning

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108164 | 453.0 | 454.5 | 1.5 | 0.045 | | | | |
| CAOND108165 | 454.5 | 455.3 | 0.8 | 0.113 | | | | |
| CAOND108166 | 455.3 | 456.1 | 0.8 | 0.217 | | | | |

**Major:** **From:** 456.10 **To:** 483.30 I2D, Syénite

Massive intrusion with possible minor seds?? Composition: Medium to dark red with stringers of dark grey and patches of pink; fine grained, massive intrusive with moderate to strong brittlely deformed with possible minor intervals of sediments; I2D - Syenite. Magnetism: None magnetic. Veinning: <1% micrfracture filling carbonate. Structure: Moderate brittle deformation throughout with moderate to strong healed fracturing locally preferentially aligned at 40 TCA. Alteration: Moderate to strong pervasive hem alteration, moderate chl occuring in fractures and weak spotty carbonate alteration. Mineralization: 1-3% very fine grained disseminated PY with local clusters with up to 5% Py. Lower Contact: Sharp and relatively straight; oriented at 40 TCA.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108167 | 456.1 | 457.5 | 1.4 | 0.064 | | | | |
| CAOND108168 | 457.5 | 459.0 | 1.5 | 0.320 | | | | |
| CAOND108169 | 459.0 | 460.5 | 1.5 | 0.312 | | | | |
| CAOND108171 | 460.5 | 462.0 | 1.5 | 0.829 | | | | |
| CAOND108172 | 462.0 | 463.5 | 1.5 | 0.429 | | | | |
| CAOND108173 | 463.5 | 465.0 | 1.5 | 0.361 | | | | |
| CAOND108174 | 465.0 | 466.5 | 1.5 | 0.190 | | | | |
| CAOND108176 | 466.5 | 467.3 | 0.8 | 0.431 | | | | |

**Hole number:** KLUC19-547

456.10, 463.00, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated Py
463.00, 465.00, PYR, PAT, 2.00, -, FGR, 2-3% fine grained py occuring in random clusters and also very fine grained disseminated
465.00, 467.20, PYR, PAT, 2.00, -, FGR, 2-3% fine grained py occuring in random clusters and also very fine grained disseminated
467.20, 468.00, PYR, PAT, 5.00, -, VFG, 5% very fine grained py occuring in random whispy clusters and also very fine grained disseminated
468.00, 471.70, PYR, DIS, 2.00, -, FGR, 2-3% fine grained py occuring in random clusters and also very fine grained disseminated
471.70, 472.00, PYR, PAT, 5.00, -, FGR, 5% very fine grained py occuring in random whispy clusters and also very fine grained disseminated
472.00, 473.50, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated Py
473.50, 474.00, PYR, PAT, 3.00, -, VFG, 3-5% very fine grained py occuring in random whispy clusters and also very fine grained disseminated
474.00, 476.20, PYR, PAT, 2.00, -, VFG, 2-3% very fine grained py occuring in random whispy clusters and also very fine grained disseminated
476.20, 477.30, PYR, PAT, 3.00, -, VFG, 3-5% very fine grained py occuring in random whispy clusters and also very fine grained disseminated
477.30, 479.00, PYR, PAT, 5.00, -, VFG, 5% very fine grained py occuring in random clusters and also very fine grained disseminated
479.00, 482.50, PYR, DIS, 3.00, -, VFG, 3-5% very fine and fine grained disseminated Pywith minor clusters
482.50, 483.30, PYR, PAT, 5.00, -, FGR, 5% very fine grained py occuring in random clusters and also very fine grained disseminated

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

456.10, 465.00, CBT+, SPO, WEAK, -, -, -, Weak to moderate spotted to stringers of carb alt.
456.10, 465.00, CHL+, STG, MOD, -, -, -, Moderate chl alt. occuring in irregular and chaotic micrfractures
456.10, 465.00, HEM+, PEN, MOD, -, -, -, Moderate to strong pervasive hem
465.00, 483.30, CBT+, PAT, MOD, -, -, -, -
465.00, 483.30, CHL+, STG, WEAK, -, -, -, -
465.00, 483.30, HEM+, PAT, WEAK, -, -, -, -

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

456.10, 465.00, DFZ, WEAK, -, -, -, -, Weak brittle deformation
456.10, 465.00, FRA, WEAK, -, -, -, -, Weak healed microfracturing
465.00, 479.00, DFZ, MOD, -, -, -, -, Moderate to strong brittle anf chaotic deformation
465.00, 479.00, FOL, WEAK, 40.00, -, -, -, Weak preferential alignment of fracturing and clasts between fractures

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108177 | 467.3 | 468.0 | 0.7 | 0.651 | | | | |
| CAOND108178 | 468.0 | 469.5 | 1.5 | 0.161 | | | | |
| CAOND108179 | 469.5 | 471.0 | 1.5 | 0.246 | | | | |
| CAOND108181 | 471.0 | 472.0 | 1.0 | 0.233 | | | | |
| CAOND108182 | 472.0 | 473.5 | 1.5 | 0.457 | | | | |
| CAOND108183 | 473.5 | 475.0 | 1.5 | 0.157 | | | | |
| CAOND108184 | 475.0 | 476.0 | 1.0 | 0.135 | | | | |
| CAOND108185 | 476.0 | 477.3 | 1.3 | 0.183 | | | | |
| CAOND108186 | 477.3 | 478.5 | 1.2 | 0.532 | | | | |
| CAOND108187 | 478.5 | 480.0 | 1.5 | 11.350 | | | | |
| CAOND108188 | 480.0 | 481.5 | 1.5 | 0.611 | | | | |
| CAOND108189 | 481.5 | 482.5 | 1.0 | 0.407 | | | | |
| CAOND108191 | 482.5 | 483.3 | 0.8 | 0.250 | | | | |

**Hole number:** KLUC19-547

465.00, 479.00, FRA, MOD, -, -, -, -, Moderate to locally strong healed fracturing
479.00, 483.30, DFZ, WEAK, -, -, -, -, Weak to moderate brittle and chaotic deformation
479.00, 483.30, FRA, WEAK, -, -, -, -, Weak to moderate healed fracturing

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
475.70, 475.80, PYR, 15.00, -, -, -, -, -, -, -, PYR, 15.00, 10cm thick interval with multiply feathering microfractures with rim very fine grained Py at contacts

**Major:** **From:** 483.30 **To:** 494.00 S, Roches sédimentaires indéterminées

**NOT DONE** Composition: Dark green and dark purplish brown, fine grained, chaotic and heterogeneous; S - sediment. Could also be classified as somesort of tuffeceous mafic trachyte. Magnetism: Strongly magnetic. Veinning: 1-2% chaotic and random mm scale calcite veins. Structure: Moderate chaotic deformation with weak preferential alignment at 40 TCA. Alteration: Moderate irregular and patchy carb alteration Mineralization: 0.5-1% very fine grained disseminated PY locally up to 2% in clusters over 10cm. Lower Contact: Sharp and slightly wavy; oriented at 20 TCA.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
483.30, 484.20, PYR, DIS, .50, -, VFG, 0.5-1% very fine grained disseminated PY
484.20, 485.50, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated Py
485.50, 486.90, PYR, DIS, .50, -, VFG, 0.5-1% very fine grained disseminated PY
486.90, 487.50, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated Py
487.50, 491.50, PYR, DIS, .50, -, VFG, 0.5-1% very fine grained disseminated PY
491.50, 494.00, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated Py

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
483.30, 494.00, CBT+, PAT, MOD, -, -, -, Moderate patchy and pervasive carb. alt.

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
483.30, 494.00, DFZ, MOD, -, -, -, -, Moderate irregular deformation with weak preferential alignment at 40 TCA
483.30, 494.00, FOL, WEAK, 40.00, -, -, -, Weak preferential alignmnet at 40 TCA

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
483.30, 483.40, CBT, 85.00, -, -, -, -, -, -, -, -, 8 cm thick interval with clustered parallel carb veins 1cm thick

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108192 | 483.3 | 484.5 | 1.2 | 0.116 | | | | |
| CAOND108193 | 484.5 | 486.0 | 1.5 | 0.455 | | | | |
| CAOND108194 | 486.0 | 487.5 | 1.5 | 0.167 | | | | |
| CAOND108195 | 487.5 | 489.0 | 1.5 | 0.020 | | | | |
| CAOND108196 | 489.0 | 490.5 | 1.5 | 0.024 | | | | |
| CAOND108197 | 490.5 | 492.0 | 1.5 | 0.193 | | | | |
| CAOND108198 | 492.0 | 493.0 | 1.0 | 0.088 | | | | |
| CAOND108199 | 493.0 | 494.0 | 1.0 | 0.043 | | | | |

**Hole number:** KLUC19-547

**Major:** **From:** 494.00 **To:** 543.50 I2D, Syénite

Composition: Medium purplish red to brownish-green, fine grained, massive and relatively homogeneous; I2D - Syenite. Magnetism: Weak to locally moderate magnetism. Veinning: Local Qtz-Carb dominant veins and veinlets with or without Cpy; locally Gypsum 5 mm vein Structure: Weak chaotic microfracturing with parallel deformation by passages Alteration: Moderate pervasive hem alteration; K-spar and Carb Mineralization: 0.1 up to 20% fine grained disseminated PY+ Cpy, locally fragmented stringers and clusters Lower Contact: gradual at ~60°

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

536.50, 543.50, PYR, DIS, 5.00, -, FGR, Py + Cpy rather in stringers and clusters; local sulphites (Py-Cpy) accumulations up to 20%; related to Kspar moderate to strong alteration and Chl; locally Spoecularite associated

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

494.00, 539.00, CBT+, PAT, MOD, -, -, -, Moderate patchy and pervasive carb. alt.

539.00, 543.50, KFS+, PAT, MOD, -, -, -, moderate to relatively strong Kspar (?) red-brownish alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

514.00, 514.20, FRA, MOD, 40.00, -, -, -, local fragmentation

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

501.70, 501.80, QtzCbtChl, 20.00, 40.00, -, -, -, GRY2_BASIC, 2.50, -, CPY, 5.00, grey Qtz dominant veins with clusters of Cpy

531.80, 532.40, QtzCbtChl, 15.00, -, -, -, -, GRY2_BASIC, -, -, PYR, 3.00, A 2.5 cm @ 50° Qtz-Carbonate dominant vein and an irregular, down dip 11 cm along the core Qtz dominant vein with Py

537.30, 537.40, QtzCbtChl, 60.00, 40.00, -, -, -, GRY2_BASIC, 6.00, -, HEM, 2.00, Qtz-Carb grey-pinkish vein with Hem and Specularite

540.00, 543.50, QtzCbtChl, 3.00, -, -, -, -, GRY2_BASIC, -, -, CPY, 5.00, irregular, fragmented veins and veinlets with Cpy

540.60, 540.70, GYP, 5.00, 40.00, -, -, -, GRY2_BASIC, .50, -, -, -, translucide 5 mm Gypsum veinlet

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108201 | 494.0 | 495.5 | 1.5 | 0.023 | | | | |
| CAOND108202 | 495.5 | 497.0 | 1.5 | 0.040 | | | | |
| CAOND108203 | 497.0 | 498.5 | 1.5 | 0.059 | | | | |
| CAOND108204 | 498.5 | 500.0 | 1.5 | 0.055 | | | | |
| CAOND108205 | 500.0 | 501.5 | 1.5 | 0.050 | | | | |
| CAOND108206 | 501.5 | 503.0 | 1.5 | 0.084 | | | | |
| CAOND108207 | 503.0 | 504.5 | 1.5 | 0.062 | | | | |
| CAOND108208 | 504.5 | 506.0 | 1.5 | 0.020 | | | | |
| CAOND108209 | 506.0 | 507.5 | 1.5 | 0.067 | | | | |
| CAOND108210 | 507.5 | 509.0 | 1.5 | 0.046 | | | | |
| CAOND108211 | 509.0 | 510.5 | 1.5 | 0.037 | | | | |
| CAOND108212 | 510.5 | 512.0 | 1.5 | 0.047 | | | | |
| CAOND108213 | 512.0 | 513.5 | 1.5 | 0.147 | | | | |
| CAOND108214 | 513.5 | 515.0 | 1.5 | 0.167 | | | | |
| CAOND108216 | 515.0 | 516.5 | 1.5 | 0.136 | | | | |
| CAOND108217 | 516.5 | 518.0 | 1.5 | 0.164 | | | | |
| CAOND108218 | 518.0 | 519.5 | 1.5 | 0.026 | | | | |
| CAOND108219 | 519.5 | 521.0 | 1.5 | 0.022 | | | | |
| CAOND108221 | 521.0 | 522.5 | 1.5 | 0.042 | | | | |
| CAOND108222 | 522.5 | 524.0 | 1.5 | 0.755 | | | | |
| CAOND108223 | 524.0 | 525.5 | 1.5 | 0.021 | | | | |
| CAOND108224 | 525.5 | 527.0 | 1.5 | 0.015 | | | | |
| CAOND108226 | 527.0 | 528.5 | 1.5 | 0.071 | | | | |
| CAOND108227 | 528.5 | 530.0 | 1.5 | 0.026 | | | | |
| CAOND108228 | 530.0 | 531.5 | 1.5 | 0.075 | | | | |
| CAOND108229 | 531.5 | 533.0 | 1.5 | 0.299 | | | | |
| CAOND108231 | 533.0 | 534.5 | 1.5 | 0.051 | | | | |
| CAOND108232 | 534.5 | 536.0 | 1.5 | 0.073 | | | | |
| CAOND108233 | 536.0 | 537.5 | 1.5 | 0.245 | | | | |
| CAOND108234 | 537.5 | 539.0 | 1.5 | 0.130 | | | | |
| CAOND108235 | 539.0 | 540.5 | 1.5 | 0.198 | | | | |
| CAOND108236 | 540.5 | 542.0 | 1.5 | 0.183 | | | | |
| CAOND108237 | 542.0 | 543.5 | 1.5 | 0.181 | | | | |

## Hole number: KLUC19-547

**Major:** **From:** 543.50 **To:** 579.00 I2Dm, Mafic Syenite

Composition: Medium brown-greenish to locally redish, fine grained, locally porphyritic short intervals, I2Dm - Mafic syenite. Magnetism: Moderate magnetic. Veinning: 1-2% discontinous calcite - carbonate veinlets. Structure: Undeformed with rather chaotic structure and weak parallel deformation at 40-50° Alteration: Carb, Chl, K-spar Mineralization: 0.1% fine grained disseminated Py , locally Cpy Lower Contact: Gradual

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

543.50, 552.00, PYR, DIS, 5.00, -, FGR, Py + Cpy rather in stringers and clusters; local sulphites (Py-Cpy) accumulations up to 20%; related to Kspar moderate to strong alteration and Chl; locally Spoecularite associated

552.00, 565.00, PYR, DIS, 2.00, -, FGR, Py+Cpy+ Specularite/Hematite; locally as fragmented stringers

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

543.50, 545.00, KFS+, PAT, MOD, -, -, -, moderate to relatively strong Kspar (?) red-brownish alteration

545.00, 579.00, CHL+, PAT, MOD, -, -, -, and patches of K-spar; carb alteration associated

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

546.00, 566.00, DFZ, WEAK, 50.00, -, -, -, weak preferential alignment around 50° through irregular deformation with a semi-brecciated aspect

566.00, 579.00, DFZ, WEAK, 50.00, -, -, -, Weak to moderate irregular deformation with a weak preferential alignment at 50°

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

543.50, 546.10, QtzCbtChl, 3.00, -, -, -, -, GRY2_BASIC, -, -, CPY, 5.00, irregular, fragmented veins and veinlets with Cpy

561.90, 565.00, QtzCbt, 3.00, 65.00, -, -, -, -, -, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108238 | 543.5 | 545.0 | 1.5 | 0.331 | | | | |
| CAOND108239 | 545.0 | 546.5 | 1.5 | 0.290 | | | | |
| CAOND108240 | 546.5 | 548.0 | 1.5 | 0.263 | | | | |
| CAOND108241 | 548.0 | 549.5 | 1.5 | 0.119 | | | | |
| CAOND108242 | 549.5 | 551.0 | 1.5 | 0.254 | | | | |
| CAOND108243 | 551.0 | 552.5 | 1.5 | 0.159 | | | | |
| CAOND108244 | 552.5 | 554.0 | 1.5 | 0.276 | | | | |
| CAOND108246 | 554.0 | 555.5 | 1.5 | 0.102 | | | | |
| CAOND108247 | 555.5 | 557.0 | 1.5 | 0.077 | | | | |
| CAOND108248 | 557.0 | 558.5 | 1.5 | 0.178 | | | | |
| CAOND108249 | 558.5 | 560.0 | 1.5 | 0.063 | | | | |
| CAOND108251 | 560.0 | 561.5 | 1.5 | 0.115 | | | | |
| CAOND108252 | 561.5 | 563.0 | 1.5 | 0.370 | | | | |
| CAOND108253 | 563.0 | 564.5 | 1.5 | 0.871 | | | | |
| CAOND108254 | 564.5 | 566.0 | 1.5 | 0.530 | | | | |
| CAOND108255 | 566.0 | 567.5 | 1.5 | 0.233 | | | | |
| CAOND108256 | 567.5 | 569.0 | 1.5 | 0.153 | | | | |
| CAOND108257 | 569.0 | 570.5 | 1.5 | 0.255 | | | | |
| CAOND108258 | 570.5 | 572.0 | 1.5 | 0.389 | | | | |
| CAOND108259 | 572.0 | 573.5 | 1.5 | 0.332 | | | | |
| CAOND108261 | 573.5 | 575.0 | 1.5 | 0.216 | | | | |
| CAOND108262 | 575.0 | 576.5 | 1.5 | 0.085 | | | | |
| CAOND108263 | 576.5 | 578.0 | 1.5 | 0.070 | | | | |
| CAOND108264 | 578.0 | 579.0 | 1.0 | 0.127 | | | | |

**Major:** **From:** 579.00 **To:** 582.80 I2Dmp, Syenite mafic porphyryitic

Composition: Dominantly medium pinkish - red with minor medium grey, weakly porphyritic, chaotic and heterogeneous texture, I2Dmp/ I2Dp - Syenite (mafic) porphyry. Magnetism: Weak to locally moderate magnetic. Veinning: 1-2 % discontinuous carbonate dominant veinlets Structure: Massive with a chaotic texture Alteration: Weak to moderate pervasive Kspar, Carb and Chl Mineralization: very ~ 1% Cpy+ Py Lower Contact: Gradual

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

579.00, 581.00, CPY, IRR, .50, -, FGR, Local accumulations up to 5%; Py locally associated

**ALTERATION**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108265 | 579.0 | 580.5 | 1.5 | 0.452 | | | | |
| CAOND108266 | 580.5 | 582.0 | 1.5 | 0.139 | | | | |
| CAOND108267 | 582.0 | 582.8 | 0.8 | 0.124 | | | | |

**Hole number:** KLUC19-547

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
579.00, 582.80, CAL+, PEN, MOD, -, -, -, moderate to stronger reaction to HCl

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
579.00, 582.80, DFZ, WEAK, 50.00, -, -, -, Weak to moderate irregular deformation with a weak preferential alignment at 50°

**Major:** **From:** 582.80 **To:** 626.30 I2Dm, Mafic Syenite

Composition: Medium brownish beige grey greenish grey to light redish passage, fine grained, locally porphyritic and spotted with magnetite, I2Dm - Mafic syenite. Magnetism: Moderate to stronger magnetic. Veinning: 1-2% discontinous calcite - carbonate veinlets. Structure: Massive with rather chaotic structure and weak to moderate parallel deformation (Fo)at 40-50°, broken passage and brecciated Alteration: Carb, Chl, K-spar, Magnetite Mineralization: 0.5% fine grained disseminated Py , locally Cpy Lower Contact: Sharp 65°

**TEXTURE**
TYPE/COLOR/GRAIN_SIZE/COMMENTS
617.50, 626.00, BRI, -, MGR, brecciated aspect of mafic syenite with a clear breccia interval between 621.6-621.8m

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
593.60, 594.10, CPY, FRF, 7.00, -, FGR, Cpy+Py between 5-10% rather fracture fillings, patches of Cpy
599.00, 599.50, CPY, FRF, 7.00, -, FGR, Py disseminated and Cpy irregular

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
582.80, 584.00, CAL+, PEN, MOD, -, -, -, moderate to stronger reaction to HCl
584.00, 617.00, CHL+, PAT, MOD, -, -, -, carbonates and K-spars associated
617.00, 626.30, CBT+, PEN, MOD, -, -, -, and spotty magnetite

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
582.80, 605.40, DFZ, WEAK, 50.00, -, -, -, Weak to moderate irregular deformation with a weak preferential alignment at 50°
605.40, 606.90, FOL, MOD, 50.00, -, -, -, preferential alignment at 40-50°
606.90, 626.00, DFZ, MOD, 50.00, -, -, -, Weak to moderate deformation, chaotic, brecciated-semi-brecciated and preferential alignment at 50-60°
620.00, 621.20, FRA, WEAK, 50.00, -, -, -, to locally moderate

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/CON

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108268 | 582.8 | 584.0 | 1.2 | 0.078 | | | | |
| CAOND108269 | 584.0 | 585.5 | 1.5 | 0.059 | | | | |
| CAOND108271 | 585.5 | 587.0 | 1.5 | 0.181 | | | | |
| CAOND108272 | 587.0 | 588.5 | 1.5 | 0.093 | | | | |
| CAOND108273 | 588.5 | 590.0 | 1.5 | 0.068 | | | | |
| CAOND108274 | 590.0 | 591.5 | 1.5 | 0.142 | | | | |
| CAOND108276 | 591.5 | 593.0 | 1.5 | 0.053 | | | | |
| CAOND108277 | 593.0 | 594.5 | 1.5 | 0.287 | | | | |
| CAOND108278 | 594.5 | 596.0 | 1.5 | 0.218 | | | | |
| CAOND108279 | 596.0 | 597.5 | 1.5 | 0.212 | | | | |
| CAOND108281 | 597.5 | 599.0 | 1.5 | 0.173 | | | | |
| CAOND108282 | 599.0 | 600.5 | 1.5 | 0.602 | | | | |
| CAOND108283 | 600.5 | 602.0 | 1.5 | 0.052 | | | | |
| CAOND108284 | 602.0 | 603.0 | 1.0 | 0.018 | | | | |
| CAOND108285 | 603.0 | 604.5 | 1.5 | 0.064 | | | | |
| CAOND108286 | 604.5 | 605.3 | 0.8 | 0.045 | | | | |
| CAOND108287 | 605.3 | 606.0 | 0.7 | 0.003 | | | | |
| CAOND108288 | 606.0 | 606.8 | 0.8 | 0.011 | | | | |
| CAOND108289 | 606.8 | 608.0 | 1.2 | 0.026 | | | | |
| CAOND108291 | 608.0 | 609.5 | 1.5 | 0.070 | | | | |
| CAOND108292 | 609.5 | 611.0 | 1.5 | 0.044 | | | | |
| CAOND108293 | 611.0 | 612.5 | 1.5 | 0.067 | | | | |
| CAOND108294 | 612.5 | 614.0 | 1.5 | 0.437 | | | | |
| CAOND108295 | 614.0 | 615.5 | 1.5 | 0.158 | | | | |
| CAOND108296 | 615.5 | 616.4 | 0.9 | 0.343 | | | | |
| CAOND108297 | 616.4 | 617.2 | 0.8 | 1.075 | | | | |
| CAOND108298 | 617.2 | 618.5 | 1.3 | 0.070 | | | | |

**Hole number:** KLUC19-547

NTS
621.60, 621.70, GYP, 10.00, 50.00, -, -, -, GRY2_BASIC, 1.00, -, -, -, translucide 1 cm Gypsum vein

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108299 | 618.5 | 620.0 | 1.5 | 0.078 | | | | |
| CAOND108301 | 620.0 | 621.2 | 1.2 | 0.331 | | | | |
| CAOND108302 | 621.2 | 622.0 | 0.8 | 0.335 | | | | |
| CAOND108303 | 622.0 | 623.0 | 1.0 | 0.226 | | | | |
| CAOND108304 | 623.0 | 624.0 | 1.0 | 0.151 | | | | |
| CAOND108305 | 624.0 | 625.0 | 1.0 | 0.261 | | | | |
| CAOND108306 | 625.0 | 626.3 | 1.3 | 0.223 | | | | |

**Major:** **From:** 626.30 **To:** 628.80 I2D, Syénite

Composition: Medium brownish red, very fine to fine grained, massive intrusive/sediment(?)- I2D/Sed-Syenite/ Sediment Magnetism: None magnetic. Veinning: ~5% Qtz dominant veinlets and veins Structure: Massive with some chaotic passages of mafic Syenite Alteration: Moderate to strong pervasive K-spar alteration Mineralization: ~1% fine grained Cpy with local clusters/patches locally disseminated or fracture filling Py; locally Gl associated to Qtz vein and Cpy patches Lower Contact: Sharp

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
626.90, 628.80, CPY, PAT, 1.00, -, FGR, irregular patches
627.10, 627.20, GAL, PAT, .50, -, FGR, Gl associated to Qtz veinlets and Cpy patches

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
626.30, 628.80, KFS+, PEN, MOD, -, -, -, to strong, locally Silica alt associated and patches of Chl

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/CON
NTS
627.00, 628.80, QtzCbt, 5.00, -, -, -, -, GRY2_BASIC, -, -, CPY, 1.00, locally also Gl associated; local regular 3.5 cm large Qtz vein @50°

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108307 | 626.3 | 627.7 | 1.4 | 0.671 | | | | |
| CAOND108308 | 627.7 | 628.8 | 1.1 | 0.601 | | | | |

**Major:** **From:** 628.80 **To:** 632.50 I, Roches intrusive indetermine

Composition: Medium red, very fine to fine grained, massive intrusive (?)/ sediment(?); I / S - Intrusive / Sediment Magnetism: None magnetic. Veinning: ~5% Qtz dominant veinlets and veins Structure: Massive Alteration: Moderate to strong pervasive carbonate/K-spar alteration Mineralization: ~1% fine grained Cpy with local clusters/patches locally disseminated or fracture filling Py Lower Contact: Gradual, ~60°

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
628.80, 632.50, CPY, PAT, 1.00, -, FGR, irregular patches

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108309 | 628.8 | 630.0 | 1.2 | 0.161 | | | | |
| CAOND108310 | 630.0 | 631.5 | 1.5 | 0.059 | | | | |
| CAOND108311 | 631.5 | 632.5 | 1.0 | 0.198 | | | | |

**Hole number:** KLUC19-547

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
628.80, 632.50, KFS+, PEN, MOD, -, -, -, to strong, locally Silica alt associated and patches of Chl

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS
628.80, 632.50, QtzCbt, 5.00, -, -, -, -, GRY2_BASIC, -, -, CPY, 1.00, locally also Gl associated; local regular 3.5 cm large Qtz vein @50°

**Major: From:** 632.50 **To:** 643.80 I2D, Syénite

Composition: Medium brownish-redish - greenish grey, fine grained, massive, local possible phenocrists(porpyritic), magnetic with local spotty magnetite, intrusive; I2D/Syenite Magnetism: Moderate to strong magnetic. Veinning: Less than 1% carb dominant veinlets Structure: Massive with passages of weak parallel deformation @50-60° Alteration: Moderate Chl, moderate Carb, weak K-spar alteration Mineralization: ~0.1% - Py traces Lower Contact: Gradual @ 40°

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
632.50, 633.00, CPY, PAT, 1.00, -, FGR, irregular patches

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
632.50, 636.00, KFS+, PEN, MOD, -, -, -, to strong, locally Silica alt associated and patches of Chl
636.00, 643.80, MAG+, DIS, WEAK, -, -, -, to locally moderate

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS
632.50, 632.80, QtzCbt, 5.00, -, -, -, -, GRY2_BASIC, -, -, CPY, 1.00, locally also Gl associated; local regular 3.5 cm large Qtz vein @50°

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108312 | 632.5 | 633.2 | 0.7 | 0.085 | | | | |
| CAOND108313 | 633.2 | 634.0 | 0.8 | 0.121 | | | | |
| CAOND108314 | 634.0 | 634.8 | 0.8 | 0.035 | | | | |
| CAOND108316 | 634.8 | 636.0 | 1.2 | 0.112 | | | | |
| CAOND108317 | 636.0 | 637.5 | 1.5 | 0.205 | | | | |
| CAOND108318 | 637.5 | 639.0 | 1.5 | 0.061 | | | | |
| CAOND108319 | 639.0 | 640.5 | 1.5 | 0.136 | | | | |
| CAOND108321 | 640.5 | 642.0 | 1.5 | 0.081 | | | | |
| CAOND108322 | 642.0 | 643.0 | 1.0 | 0.034 | | | | |
| CAOND108323 | 643.0 | 643.8 | 0.8 | 0.077 | | | | |

**Major: From:** 643.80 **To:** 651.00 I2Dp, Porphyritic Syenite

Composition: Medium redish greenish grey, fine grained to porphyritic, massive intrusive; I2Dp-Porphyritic Syenite Magnetism: Moderate to locally strong magnetic. Veinning: Less than 1% Carb dominant veinlets Structure: Massive with parallel alignment / deformation @ 50-60° s Alteration: Moderate Carb, Chl, Magnetite, weak K-spar alteration Mineralization: 0.1% Py( traces) Lower Contact: Gradual, @ 30°

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
643.80, 651.00, MAG+, DIS, WEAK, -, -, -, to locally moderate

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108324 | 643.8 | 645.0 | 1.2 | 0.122 | | | | |
| CAOND108326 | 645.0 | 646.5 | 1.5 | 0.030 | | | | |
| CAOND108327 | 646.5 | 648.0 | 1.5 | 0.221 | | | | |
| CAOND108328 | 648.0 | 649.5 | 1.5 | 0.295 | | | | |
| CAOND108329 | 649.5 | 651.0 | 1.5 | 0.116 | | | | |

## Hole number: KLUC19-547

**Major:** **From:** 651.00 **To:** 666.50 I2Dm, Mafic Syenite

looking rather like a volcanic ( variaty of V8) more or less porphyritic or brecciated intrusive Composition: Medium brownish-greenish to locally redish, fine grained, locally porphyritic short intervals, I2Dm - Mafic syenite. Magnetism: Moderate magnetic. Veinning: 5-10% chaotic carbonate veinlets; carbonate veins generally discontinuous, locally as patches, fewer veins following a parallel deformation trend at ~ 60° Structure: Chaotic on a pattern with a parallel deformation (shear) @ 50-60° Alteration: Moderate Carb, Chl, moderate Calcite, weak K-spar Mineralization: 0.1-0.5 % fine disseminated Cpy or local fracture filling; locally, 50 cm probable weakly silicified passage with 1% Py Lower Contact: Sharp 50°

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

653.00, 666.50, CAL+, PEN, MOD, -, -, -, moderate reaction to HCl

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

652.70, 652.90, QtzCalChl, 10.00, 40.00, -, -, -, GRY2_BASIC, 2.00, -, CPY, .50, Qtz-Carb-Chl-Hem 2 cm vein with cluster of Cpy

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108331 | 651.0 | 652.5 | 1.5 | 0.046 | | | | |
| CAOND108332 | 652.5 | 654.0 | 1.5 | 0.129 | | | | |
| CAOND108333 | 654.0 | 655.5 | 1.5 | 0.114 | | | | |
| CAOND108334 | 655.5 | 657.0 | 1.5 | 0.137 | | | | |
| CAOND108335 | 657.0 | 658.5 | 1.5 | 0.087 | | | | |
| CAOND108336 | 658.5 | 660.0 | 1.5 | 0.043 | | | | |
| CAOND108337 | 660.0 | 661.5 | 1.5 | 0.100 | | | | |
| CAOND108338 | 661.5 | 663.0 | 1.5 | 0.025 | | | | |
| CAOND108339 | 663.0 | 664.5 | 1.5 | 0.048 | | | | |
| CAOND108340 | 664.5 | 665.0 | 0.5 | 0.057 | | | | |
| CAOND108341 | 665.0 | 666.5 | 1.5 | 0.038 | | | | |

**Major:** **From:** 666.50 **To:** 670.40 I2Dp, Porphyritic Syenite

Composition: Medium brownish - greenish grey, fine grained to slightly porphyritic intrusive; I2Dp-Porphyritic Syenite Magnetism: Moderate magnetic. Veinning: 1-2% Carb dominant veinlets Structure: Massive with parallel alignment / deformation @ 50° Alteration: Weak to moderate Chl, moderate K-spar Mineralization: 0.1-0.5% Cpy Lower Contact: Sharp @ 50°

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

669.70, 670.20, PYR, DIS, 1.00, -, FGR, Py associated possibly to a weak Silica flooding

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

666.50, 668.00, CAL+, PEN, MOD, -, -, -, moderate reaction to HCl

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108342 | 666.5 | 668.0 | 1.5 | 0.117 | | | | |
| CAOND108343 | 668.0 | 669.5 | 1.5 | 0.039 | | | | |
| CAOND108344 | 669.5 | 670.4 | 0.9 | 0.020 | | | | |

**Major:** **From:** 670.40 **To:** 679.10 I2D, Syénite

Composition: Medium brownish-redish grey, chaotic by passages with heterogeneous texture, I2D - Syenite (porphyry) Magnetism: Weak to moderate magnetic. Veinning: ~ 5% discontinuous, chaotic carbonate veinlets Structure: Massive with chaotic texture by passages Alteration: Weak to moderate pervasive Kspar, Carb and Chl Mineralization: 0.1-0.5% Cpy+ Py Lower Contact: Gradual @ 30°

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108346 | 670.4 | 671.5 | 1.1 | 0.021 | | | | |
| CAOND108347 | 671.5 | 673.0 | 1.5 | 0.015 | | | | |
| CAOND108348 | 673.0 | 674.5 | 1.5 | 0.018 | | | | |
| CAOND108349 | 674.5 | 676.0 | 1.5 | 0.061 | | | | |
| CAOND108351 | 676.0 | 677.5 | 1.5 | 0.041 | | | | |
| CAOND108352 | 677.5 | 678.5 | 1.0 | 0.122 | | | | |
| CAOND108353 | 678.5 | 679.1 | 0.6 | 0.084 | | | | |

## Hole number: KLUC19-547

**Major:** **From:** 679.10 **To:** 683.70 I2Dp, Porphyritic Syenite

Composition: Medium brownish - redish grey, fine grained to porphyritic intrusive; I2Dp-Porphyritic Syenite Magnetism: Moderate magnetic. Veinning: 2-5% Carb dominant veinlets Structure: Massive with parallel alignment / deformation @ 50°; locally (682-683m)fragmented Alteration: Weak to moderate Chl, moderate K-spar Mineralization: 0.1% Py( traces) Lower Contact: Sharp @ 60°

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108354 | 679.1 | 680.0 | 0.9 | 0.009 | | | | |
| CAOND108355 | 680.0 | 681.5 | 1.5 | 0.021 | | | | |
| CAOND108356 | 681.5 | 682.1 | 0.6 | 0.006 | | | | |
| CAOND108357 | 682.1 | 683.0 | 0.9 | 0.057 | | | | |
| CAOND108358 | 683.0 | 683.7 | 0.7 | 0.025 | | | | |

**Major:** **From:** 683.70 **To:** 690.20 I2D, Syénite

Composition: Medium brownish-greenish grey, chaotic / brecciated aspect by passages with heterogeneous texture, I2D - Syenite Magnetism: Strong magnetic. Veinning: ~ 5% discontinuous, carbonate veinlets Structure: Massive with chaotic texture by passages and a parallel alignment @ 30° Alteration: Moderate irregular magnetite, Carb and Chl Mineralization: 0.1-0.5% Cpy+ Py Lower Contact: Gradual, broken

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

683.70, 685.30, MAG+, IRR, STRONG, -, -, -, as patches, veinlets and locally veins
688.00, 690.20, KFS+, PEN, MOD, -, -, -, irregular(weaker or stronger by passages)
688.00, 690.20, CAL+, PEN, MOD, -, -, -, to locally strong

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

683.70, 686.30, MAG, 10.00, 50.00, -, -, -, PRP2_BASIC, -, -, -, -, irregular, patchy magnetite veins and veinlets

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108359 | 683.7 | 685.0 | 1.3 | 0.086 | | | | |
| CAOND108361 | 685.0 | 686.5 | 1.5 | 0.042 | | | | |
| CAOND108362 | 686.5 | 688.0 | 1.5 | 0.078 | | | | |
| CAOND108363 | 688.0 | 689.0 | 1.0 | 0.028 | | | | |
| CAOND108364 | 689.0 | 690.2 | 1.2 | 0.068 | | | | |

**Major:** **From:** 690.20 **To:** 743.30 I2Dp, Porphyritic Syenite

Composition: Medium redish- darker brownish greenish grey, porphyritic texture, I2Dp - Syenite porphyry. Magnetism: Weak to moderate magnetic Veinning: ~2 % discontinuous, irregular dominant Carb veins and veinlets; locally Qtz dominant 2-4 cm vein; Structure: Massive with some chaotic texture by passages; 1 m Fo @ 55° Alteration: Moderate pervasive Kspar, spotty Bo noticed coming from amphibols alteration(?), weak to locally moderate Chl and Carb alt Mineralization: 0.1 up to 10% Py +Cpy Lower Contact: Sharp, 50°

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

690.20, 695.00, PYR, DIS, .50, -, FGR, with accumulations up to 3%
695.00, 706.60, PYR, DIS, 3.00, -, FGR, locally Cpy associated; Cpy in Qtz-Carb veins;Py mineralisation generally associated to Chl - Carb patches

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

690.20, 707.00, KFS+, PEN, MOD, -, -, -, irregular(weaker or stronger by passages)

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108365 | 690.2 | 691.0 | 0.8 | 0.035 | | | | |
| CAOND108366 | 691.0 | 691.8 | 0.8 | 0.020 | | | | |
| CAOND108367 | 691.8 | 693.0 | 1.2 | 0.694 | | | | |
| CAOND108368 | 693.0 | 694.5 | 1.5 | 0.130 | | | | |
| CAOND108369 | 694.5 | 696.0 | 1.5 | 0.519 | | | | |
| CAOND108371 | 696.0 | 697.5 | 1.5 | 0.889 | | | | |
| CAOND108372 | 697.5 | 699.0 | 1.5 | 0.956 | | | | |
| CAOND108373 | 699.0 | 700.5 | 1.5 | 0.446 | | | | |
| CAOND108374 | 700.5 | 702.0 | 1.5 | 0.922 | | | | |
| CAOND108376 | 702.0 | 703.5 | 1.5 | 0.549 | | | | |
| CAOND108377 | 703.5 | 705.0 | 1.5 | 0.448 | | | | |
| CAOND108378 | 705.0 | 706.5 | 1.5 | 0.436 | | | | |

**Hole number:** KLUC19-547

690.20, 743.30, CAL+, PEN, MOD, -, -, -, to locally strong
690.20, 743.30, BTI+, DIS, WEAK, -, -, -, Bo from amphibol alteration
706.00, 743.30, HEM+, PAT, WEAK, -, -, -, to moderate in association with K-spar
742.00, 743.30, CHL+, PAT, MOD, -, -, -, to stronger by passages

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
705.30, 706.70, SHR, WEAK, 50.00, -, -, -, short fragmented passages
733.20, 733.60, BRC, MOD, -, -, -, -, silicified passage/Q-Chl-Car brecciated vein?
741.40, 743.30, DFZ, WEAK, 50.00, -, -, -, parallel defprmation @ 50°

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
691.00, 691.10, CAL, 10.00, 60.00, -, -, -, -, 2.00, -, CPY, 3.00, Calcite-Hematite irregular vein with Cp and specularite
696.00, 704.00, CalChl, 2.00, -, -, -, -, GRY_00025, -, -, PYR, 3.00, irregular, patchy Calcite dominant veinlets and veins with Chl and Hem
702.10, 702.40, QtzCbt, 10.00, 40.00, -, -, -, GRY2_BASIC, 2.00, -, CPY, 5.00, Qtz-Hematite-Carb apparently late veins with clusters of Cpy
733.20, 733.50, QtzCbtChl, 75.00, 50.00, -, -, -, GRY2_BASIC, 25.00, -, -, -, brecciated 25 cm Qtz-Chl-Carb vein

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108379 | 706.5 | 708.0 | 1.5 | 0.078 | | | | |
| CAOND108381 | 708.0 | 709.5 | 1.5 | 0.148 | | | | |
| CAOND108382 | 709.5 | 711.0 | 1.5 | 0.144 | | | | |
| CAOND108383 | 711.0 | 712.5 | 1.5 | 0.094 | | | | |
| CAOND108384 | 712.5 | 714.0 | 1.5 | 0.017 | | | | |
| CAOND108385 | 714.0 | 715.5 | 1.5 | 0.034 | | | | |
| CAOND108386 | 715.5 | 717.0 | 1.5 | 0.053 | | | | |
| CAOND108387 | 717.0 | 718.5 | 1.5 | 0.022 | | | | |
| CAOND108388 | 718.5 | 720.0 | 1.5 | 0.020 | | | | |
| CAOND108389 | 720.0 | 721.5 | 1.5 | 0.034 | | | | |
| CAOND108391 | 721.5 | 723.0 | 1.5 | 0.023 | | | | |
| CAOND108392 | 723.0 | 724.5 | 1.5 | 0.027 | | | | |
| CAOND108393 | 724.5 | 726.0 | 1.5 | 0.079 | | | | |
| CAOND108394 | 726.0 | 727.5 | 1.5 | 0.017 | | | | |
| CAOND108395 | 727.5 | 729.0 | 1.5 | 0.024 | | | | |
| CAOND108396 | 729.0 | 730.5 | 1.5 | 0.067 | | | | |
| CAOND108397 | 730.5 | 732.0 | 1.5 | 0.029 | | | | |
| CAOND108398 | 732.0 | 733.0 | 1.0 | 0.009 | | | | |
| CAOND108399 | 733.0 | 733.6 | 0.6 | 0.003 | | | | |
| CAOND108401 | 733.6 | 735.0 | 1.4 | 0.032 | | | | |
| CAOND108402 | 735.0 | 736.5 | 1.5 | 0.014 | | | | |
| CAOND108403 | 736.5 | 738.0 | 1.5 | 0.022 | | | | |
| CAOND108404 | 738.0 | 739.5 | 1.5 | 0.021 | | | | |
| CAOND108405 | 739.5 | 741.0 | 1.5 | 0.023 | | | | |
| CAOND108406 | 741.0 | 742.5 | 1.5 | 0.011 | | | | |
| CAOND108407 | 742.5 | 743.3 | 0.8 | 0.134 | | | | |

**Major:** **From:** 743.30 **To:** 754.80 I2Dmp, Syenite mafic porphyryitic

Mixed amp-fsar porphyry intrusion (based on XRF NL plot classification)/sediments ? Composition: Dark purplish pink colour with dark green spots and irregular patches, dominantly massive texture but weakly porphyritic, 1-2% very fine to fine grained amp and fspar phenocrysts and <1% random mafic xenoliths up to 4cm in size; I2Dmp/ S? - Syenite mafic porphyry/ Sediments ? Magnetism: Moderately to strong magnetic. Veinning: 1-2% chaotic and discontinous calcite veinlets. Structure: Rare to weakly chaotically deformed and fractured. Alteration: Moderate pervasive calcite alteration and weak to moderate chlorite occuring in fractures and xenoliths. Mineralization: 0.1-0.5% very fine grained

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108408 | 743.3 | 744.5 | 1.2 | 0.415 | | | | |
| CAOND108409 | 744.5 | 746.0 | 1.5 | 0.222 | | | | |
| CAOND108410 | 746.0 | 747.5 | 1.5 | 0.200 | | | | |
| CAOND108411 | 747.5 | 749.0 | 1.5 | 0.296 | | | | |
| CAOND108412 | 749.0 | 750.5 | 1.5 | 0.125 | | | | |
| CAOND108413 | 750.5 | 752.0 | 1.5 | 0.149 | | | | |

**Hole number:** KLUC19-547

disseminated Py and Cpy. Lower Contact: Sharp and relatively straight; oriented at 70°

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

743.30, 754.80, HEM+, PAT, WEAK, -, -, -, to moderate in association with K-spar
743.30, 754.80, CHL+, PAT, MOD, -, -, -, to stronger by passages
743.30, 754.80, MAG+, PAT, MOD, -, -, -, to stronger by passages
743.30, 754.80, CAL+, PEN, STRONG, -, -, -, strong reaction to HCl

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

743.30, 753.40, DFZ, WEAK, 50.00, -, -, -, parallel defprmation @ 50°

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108414 | 752.0 | 753.5 | 1.5 | 0.359 | | | | |
| CAOND108416 | 753.5 | 754.8 | 1.3 | 0.556 | | | | |

**Major:** **From:** 754.80 **To:** 758.90 I2Dm, Mafic Syenite

looking rather like a volcanic ( variaty of V8) Composition: Medium brownish-greenish to locally redish, fine grained, magnetic I2Dm - Mafic syenite. Magnetism: Strong magnetic. Veinning: 2-5% chaotic carbonate veinlets Structure: Massive with slightly chaotic texture Alteration: Moderate Carb, Chl, strong Calcite, weak K-spar Mineralization: 0.1-0.5 % fine disseminated Cpy or local fracture filling Lower Contact: Gradual, 50°

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

754.80, 758.90, HEM+, PAT, WEAK, -, -, -, to moderate in association with K-spar
754.80, 758.90, CHL+, PAT, MOD, -, -, -, to stronger by passages
754.80, 758.90, MAG+, PAT, MOD, -, -, -, to stronger by passages
754.80, 758.90, CAL+, PEN, STRONG, -, -, -, strong reaction to HCl

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108417 | 754.8 | 756.0 | 1.2 | 0.317 | | | | |
| CAOND108418 | 756.0 | 757.5 | 1.5 | 0.199 | | | | |
| CAOND108419 | 757.5 | 758.9 | 1.4 | 0.480 | | | | |

**Major:** **From:** 758.90 **To:** 785.80 I2Dmp, Syenite mafic porphyryitic

Mixed amp-fsar porphyry intrusion (based on XRF NL plot classification). Composition: Medium dark greenish grey with purplish pink colour, dominantly massive texture but weakly porphyritic, 1-2% very fine to fine grained amp and fspar phenocrysts and <1% random mafic xenoliths up to 4cm in size; I2Dmp - Syenite mafic porphyry. Magnetism: Moderate to strong magnetic. Veinning: 2-5% chaotic and discontinous calcite veinlets and Qtz - Ca-Hem-Chl- Turmaline veins Structure: Rare to weakly chaotically deformed and fractured. Alteration: Moderate to strong pervasive calcite alteration, moderate Chl Mineralization: 0.1-0.5% very fine grained disseminated Py-Cpy. Lower Contact: sharp at 50°

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

758.90, 773.00, HEM+, PAT, WEAK, -, -, -, to moderate in association with K-spar
758.90, 773.00, CHL+, PAT, MOD, -, -, -, to stronger by passages
758.90, 773.00, MAG+, PAT, MOD, -, -, -, to stronger by passages
758.90, 785.00, CAL+, PEN, STRONG, -, -, -, strong reaction to HCl

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108421 | 758.9 | 760.0 | 1.1 | 0.239 | | | | |
| CAOND108422 | 760.0 | 761.0 | 1.0 | 0.145 | | | | |
| CAOND108423 | 761.0 | 761.8 | 0.8 | 0.075 | | | | |
| CAOND108424 | 761.8 | 763.0 | 1.2 | 0.100 | | | | |
| CAOND108426 | 763.0 | 764.0 | 1.0 | 0.093 | | | | |
| CAOND108427 | 764.0 | 765.0 | 1.0 | 0.213 | | | | |
| CAOND108428 | 765.0 | 766.0 | 1.0 | 0.185 | | | | |
| CAOND108429 | 766.0 | 767.5 | 1.5 | 0.238 | | | | |
| CAOND108431 | 767.5 | 769.0 | 1.5 | 0.250 | | | | |
| CAOND108432 | 769.0 | 770.5 | 1.5 | 0.593 | | | | |
| CAOND108433 | 770.5 | 772.0 | 1.5 | 0.051 | | | | |
| CAOND108434 | 772.0 | 773.5 | 1.5 | 0.211 | | | | |
| CAOND108435 | 773.5 | 775.0 | 1.5 | 0.083 | | | | |

**Hole number:** KLUC19-547

772.30, 772.90, FRA, WEAK, -, -, -, -, to locally rubbled
778.80, 780.00, LNT, WEAK, 60.00, -, -, -, preferrential parallel alignment at 60°
785.70, 785.80, LWC, MOD, 60.00, -, -, -, 60°pretty sharp contact with presumingly Sediment unit ?/ I2D?

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
760.20, 762.00, QtzCbtChl, 6.00, -, -, -, -, GRY2_BASIC, 10.00, -, -, -, Qtz-Carb-Chl-Bo- Turmaline irregular veins
768.20, 771.80, QtzCbtChl, 5.00, 65.00, -, -, -, GRY2_BASIC, -, -, -, -, Qtz-Carb-Chl- Hem; locally entire Chl vein
780.60, 784.50, QtzCalChl, 9.00, 60.00, -, -, -, GRY2_BASIC, 35.00, -, CPY, -, Qtz-Ca- Chl-hem, locally Cpy diss or in patches

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108436 | 775.0 | 776.5 | 1.5 | 0.043 | | | | |
| CAOND108437 | 776.5 | 778.0 | 1.5 | 0.062 | | | | |
| CAOND108438 | 778.0 | 779.5 | 1.5 | 0.045 | | | | |
| CAOND108439 | 779.5 | 781.0 | 1.5 | 0.065 | | | | |
| CAOND108440 | 781.0 | 782.5 | 1.5 | 0.075 | | | | |
| CAOND108441 | 782.5 | 784.0 | 1.5 | 0.189 | | | | |
| CAOND108442 | 784.0 | 785.0 | 1.0 | 0.025 | | | | |
| CAOND108443 | 785.0 | 785.8 | 0.8 | 0.027 | | | | |

**Major: From:** 785.80 **To:** 790.70 S, Roches sédimentaires indéterminées

Composition: Medium green(epidote)- grey, massive with weak alignment, rather homogeneous very fine to fine grained; S?/I2D? - Sediment?/Syenite? Magnetism: Moderate magnetic Veinning: ~5% Qtz-Ca-Chl-Hem irregular veins Structure: Slightly deformed Alteration: Moderate to strong pervasive calcite alteration, moderate Epidote Mineralization: Locally 1-3% patchy Cpy Lower Contact: Sharp, 80°

**MINOR INTERVAL**
788.90 - 789.80: I2Dp

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
789.90, 790.10, CPY, PAT, 3.00, -, CGR, patches of Cpy in Qtz-Ca-Chl-Hem vein

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
785.80, 790.30, EPD+, PEN, MOD, -, -, -, epidote, patchy and fracture filling Hematite
790.00, 790.70, MAG+, PAT, MOD, -, -, -, to strong

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
789.70, 789.80, LWC, STRONG, 70.00, -, -, -, clear sharp contact between porphyritic intrusive and Seds?

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
787.80, 790.70, QtzCalChl, 13.00, 50.00, -, -, -, GRY2_BASIC, 45.00, -, CPY, -, Qtz-Chl-Ca-Hem locally with patches of Cpy; angle between 35° to 60°; locally Chl vein

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108444 | 785.8 | 787.0 | 1.2 | 0.032 | | | | |
| CAOND108446 | 787.0 | 788.0 | 1.0 | 0.014 | | | | |
| CAOND108447 | 788.0 | 788.9 | 0.9 | 0.026 | | | | |
| CAOND108448 | 788.9 | 789.8 | 0.9 | 0.008 | | | | |
| CAOND108449 | 789.8 | 790.7 | 0.9 | 0.050 | | | | |

## Hole number: KLUC19-547

**Major:** **From:** 790.70 **To:** 799.50 I2Dm, Mafic Syenite

Composition: Medium dark greenish grey with red-brownish, fine grained to locally porphyritic appearence, over 4500 ppm Ti which clasifies it as mafic; I2Dm - Mafic syenite. Magnetism: Strong magnetic. Veinning: less 1% chaotic carbonate veinlets Structure: Massive with weak alignment texture Alteration: Moderate Chl, strong Calcite and magnetite, weak K-spar Mineralization: 0.1-0.5 % fine disseminated Cpy - Py Lower Contact: Sharp, 50°

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

790.70, 799.50, MAG+, PAT, MOD, -, -, -, to strong

791.00, 798.80, CAL+, PEN, STRONG, -, -, -, with patchy Hem and K-spar

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

790.70, 791.40, QtzCalChl, 13.00, 50.00, -, -, -, GRY2_BASIC, 45.00, -, CPY, -, Qtz-Chl-Ca-Hem locally with patches of Cpy; angle between 35° to 60°; locally Chl vein

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108451 | 790.7 | 792.0 | 1.3 | 0.027 | | | | |
| CAOND108452 | 792.0 | 793.5 | 1.5 | 0.042 | | | | |
| CAOND108453 | 793.5 | 795.0 | 1.5 | 0.035 | | | | |
| CAOND108454 | 795.0 | 796.5 | 1.5 | 0.076 | | | | |
| CAOND108455 | 796.5 | 798.0 | 1.5 | 0.119 | | | | |
| CAOND108456 | 798.0 | 799.5 | 1.5 | 0.124 | | | | |

**Major:** **From:** 799.50 **To:** 805.00 I2Dp, Porphyritic Syenite

Composition: Medium red- brownish greenish grey, appearence of porphyritic texture, I2Dp - Syenite porphyry. Magnetism: Weak to moderate magnetic Veinning: ~5 % discontinuous, irregular Qtz dominant veins and veinlets; locally blue Qtz 0.5 cm vein and fragments Structure: Massive with some chaotic texture by passages Alteration: Moderate pervasive Kspar, Hematite, Silica, weak to moderate Chl Mineralization: 0.5 up to 10% Py +Cpy Lower Contact: Sharp, 40°

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

799.50, 800.00, MAG+, PAT, MOD, -, -, -, to strong

799.50, 804.80, HEM+, PEN, MOD, -, -, -, also K-spar

802.90, 804.20, SIC+, PEN, WEAK, -, -, -, to moderate

804.00, 805.00, CHL+, PEN, MOD, -, -, -, moderate to strong

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

802.90, 804.50, QtzCbtBio, 10.00, -, -, -, -, GRY2_BASIC, -, -, CPY, -, irregular, low angle Qtz-Car-Chl veins with local patches of Cpy; Blue Qtz 0.5 cm vein@40° and other fragments

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108457 | 799.5 | 801.0 | 1.5 | 0.059 | | | | |
| CAOND108458 | 801.0 | 802.5 | 1.5 | 0.204 | | | | |
| CAOND108459 | 802.5 | 804.0 | 1.5 | 0.076 | | | | |
| CAOND108461 | 804.0 | 805.0 | 1.0 | 0.093 | | | | |

**Major:** **From:** 805.00 **To:** 818.00 I2Dmp, Syenite mafic porphyryitic

Mixed amp-fsar porphyry intrusion (based on XRF NL plot classification). Composition: Medium dark greenish grey with purplish pink colour, dominantly massive texture with a weak alignment and weakly porphyritic, 1-2% very fine to fine grained amp and fspar phenocrysts ; I2Dmp - Syenite mafic porphyry. Magnetism: Moderate magnetic. Veinning: less than 2% chaotic and discontinous calcite veinlets and Qtz - Ca-Hem-Chlveinlets Structure: Preferred alignment Alteration:Strong pervasive

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108462 | 805.0 | 806.5 | 1.5 | 0.092 | | | | |
| CAOND108463 | 806.5 | 808.0 | 1.5 | 0.040 | | | | |
| CAOND108464 | 808.0 | 809.5 | 1.5 | 0.032 | | | | |
| CAOND108465 | 809.5 | 811.0 | 1.5 | 0.126 | | | | |

## Hole number: KLUC19-547

calcite alteration, moderate Chl, moderate magnetite Mineralization: 0.1-0.5% very fine grained disseminated Py-Cpy. Lower Contact: gradual at 60°

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

805.00, 818.00, CHL+, PEN, MOD, -, -, -, moderate to strong

805.00, 818.00, CAL+, PEN, STRONG, -, -, -, strong reaction to HCl

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

810.00, 816.00, LNT, WEAK, 50.00, -, -, -, to moderate

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108466 | 811.0 | 812.5 | 1.5 | 0.047 | | | | |
| CAOND108467 | 812.5 | 814.0 | 1.5 | 0.044 | | | | |
| CAOND108468 | 814.0 | 815.5 | 1.5 | 0.059 | | | | |
| CAOND108469 | 815.5 | 817.0 | 1.5 | 0.187 | | | | |
| CAOND108471 | 817.0 | 818.0 | 1.0 | 0.160 | | | | |

**Major: From:** 818.00 **To:** 822.00 I2Dp, Porphyritic Syenite

Composition: Medium pinkish greenish grey, fine to apparently porphyritic, I2Dp - Syenite porphyry. Magnetism: Moderate magnetic Veinning: ~5 % discontinuous, irregular Carb dominant veins and veinlets Structure: Weak to moderate sheared with some chaotic texture by passages Alteration: Moderate pervasive Carb, Hematite, moderate Chl, strong Ca Mineralization: ~ 0.5 Py Lower Contact: Gradual, 40°

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

818.00, 822.00, PYR, DIS, 1.00, -, FGR, local accumulations up to 7%

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

818.00, 822.00, CHL+, PEN, MOD, -, -, -, moderate to strong

818.00, 822.00, CAL+, PEN, STRONG, -, -, -, strong reaction to HCl

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

819.00, 822.00, SHR, WEAK, 60.00, -, -, -, to moderate

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108472 | 818.0 | 819.5 | 1.5 | 0.235 | | | | |
| CAOND108473 | 819.5 | 820.0 | 0.5 | 0.943 | | | | |
| CAOND108474 | 820.0 | 821.0 | 1.0 | 0.512 | | | | |
| CAOND108476 | 821.0 | 822.0 | 1.0 | 0.113 | | | | |

**Major: From:** 822.00 **To:** 832.00 I2Dmp, Syenite mafic porphyryitic

Mixed amp-fsar porphyry intrusion (based on XRF NL plot classification). Composition: Medium dark red-greenish grey with lighter pink - brownish green silicified mineralized passage, dominantly massive chaotic texture, weakly porphyritic appearence, I2Dmp - Syenite mafic porphyry. Magnetism: from strong to weak or non magnetic. Veinning: chaotic and discontinuous calcite veinlets; Qtz - Carb- Chl- Hem locally with turmaline vein zone (~3m) Structure: chaotically to brecciated, locally fractured. Alteration: Weak to moderate calcite alteration, moderate Chl, weak Hematite, moderate silica Mineralization: ~1 to 10% fine grained disseminated Py; ~3%Cpy; locally Gl Lower Contact: Sharp, 60°

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

822.00, 824.80, PYR, DIS, 1.00, -, FGR, local accumulations up to 7%

824.80, 832.00, CPY, PAT, 3.00, -, FGR, fine disseminated to irregular patches

831.00, 831.10, GAL, FRF, .10, -, FGR, associated to Qtz-Ca veina dn Cpy patch

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108477 | 822.0 | 823.5 | 1.5 | 0.301 | | | | |
| CAOND108478 | 823.5 | 824.8 | 1.3 | 0.309 | | | | |
| CAOND108479 | 824.8 | 826.0 | 1.2 | 0.171 | | | | |
| CAOND108481 | 826.0 | 827.5 | 1.5 | 0.453 | | | | |
| CAOND108482 | 827.5 | 829.0 | 1.5 | 3.850 | | | | |
| CAOND108483 | 829.0 | 830.0 | 1.0 | 3.890 | | | | |
| CAOND108484 | 830.0 | 830.9 | 0.9 | 3.660 | | | | |
| CAOND108485 | 830.9 | 832.0 | 1.1 | 0.434 | | | | |

**Hole number:** KLUC19-547

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
822.00, 832.00, CHL+, PEN, MOD, -, -, -, moderate to strong
822.00, 832.00, CAL+, PEN, STRONG, -, -, -, strong reaction to HCl
828.00, 832.00, SIC+, PAT, MOD, -, -, -, moderate to strong

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
822.00, 824.00, SHR, WEAK, 60.00, -, -, -, to moderate
824.00, 825.00, FRA, MOD, 50.00, -, -, -, locally rubbled
824.80, 832.00, BRC, WEAK, -, -, -, -, mineralised zone with semi-brecciated to brecciated aspect due to silica and Chl

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
829.00, 832.00, QtzCalChl, 30.00, -, -, -, -, GRY2_BASIC, -, -, CPY, -, locally Turmaline; patches of Cpy and locally Gl; Presumingly the mineralized zone

**Major:** **From:** 832.00 **To:** 842.50 I2Dp, Porphyritic Syenite

Composition: Medium red- brownish greenish grey, weak porphyritic texture, I2Dp - Syenite porphyry. Magnetism: Weak to locally moderate magnetic Veinning: ~5 % discontinuous, irregular Carb dominant veins and veinlets Structure: Sheared with some chaotic texture by passages Alteration: Moderate pervasive Kspar, Hematite, moderate Chl and magnetite, mod to strong Calcite Mineralization: 0.5 up to 10% Py +Cpy Lower Contact: Gradual, 40

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
832.00, 833.00, CPY, PAT, 3.00, -, FGR, fine disseminated to irregular patches
833.00, 840.00, PYR, DIS, 1.00, -, FGR, 1-2% Py±locally Cpy; accumulations up to 10%
839.50, 839.60, VG, DIS, .10, -, FGR, in fracture

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
832.00, 832.70, CHL+, PEN, MOD, -, -, -, moderate to strong
832.00, 842.50, CAL+, PEN, STRONG, -, -, -, strong reaction to HCl
833.70, 842.30, HEM+, PAT, MOD, -, -, -, K-spar and magnetite

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
832.00, 837.00, DFZ, MOD, 40.00, -, -, -, preferential parallel alignment over a fine fractured texture
837.00, 841.20, SHR, MOD, 60.00, -, -, -, shear zone strongly magnetic and calcic with Py 1-3%

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108486 | 832.0 | 833.0 | 1.0 | 1.720 | | | | |
| CAOND108487 | 833.0 | 834.5 | 1.5 | 0.267 | | | | |
| CAOND108488 | 834.5 | 836.0 | 1.5 | 0.372 | | | | |
| CAOND108489 | 836.0 | 837.5 | 1.5 | 0.479 | | | | |
| CAOND108491 | 837.5 | 839.0 | 1.5 | 2.680 | | | | |
| CAOND108492 | 839.0 | 839.5 | 0.5 | 0.625 | | | | |
| CAOND108493 | 839.5 | 840.0 | 0.5 | 0.545 | | | | |
| CAOND108495 | 840.0 | 841.5 | 1.5 | 0.493 | | | | |
| CAOND108496 | 841.5 | 842.5 | 1.0 | 0.335 | | | | |

## Hole number: KLUC19-547

**Major:** **From:** 842.50 **To:** 846.80 I2Dmp, Syenite mafic porphyryitic

Mixed amp-fsar porphyry intrusion (based on XRF NL plot classification)- looking rather like trachyte Composition: Medium dark greenish grey with purplish pink colour, dominantly massive texture but weakly porphyritic, very fine to fine grained, I2Dmp ?- Syenite mafic porphyry? Magnetism: Moderate to strong magnetic. Veinning: ~2% discontinous calcite veinlets Structure: Rare to weakly chaotically deformed Alteration: Moderate to strong pervasive calcite alteration, moderate Chl Mineralization: 0.1-0.5% very fine grained disseminated Py-Cpy. Lower Contact: EOH

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

842.50, 846.80, CAL+, PEN, STRONG, -, -, -, strong reaction to HCl

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108497 | 842.5 | 844.0 | 1.5 | 0.244 | | | | |
| CAOND108498 | 844.0 | 845.5 | 1.5 | 0.260 | | | | |
| CAOND108499 | 845.5 | 846.8 | 1.3 | 0.079 | | | | |

**Geochemical sample**

| Sample | From | To | Ag gpt | Al2O3 Pct | Ba ppm | CaO Pct | Cu ppm | CO2 Pct | Cr ppm | Fe2O3 Pct | K2O Pct | LOI pct | MgO pct | MnO pct | Mo ppm | Na2O pct | Ni ppm | P2O5 pct |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Pb ppm | Rb ppm | SiO2 pct | Sr ppm | Tb ppm | Tm ppm | TiO2 pct | Tl ppm | Total pct | U ppm | V ppm | W ppm | Y ppm | Yb ppm | Zn ppm | Zr ppm |
| CAOND119184 | 248.8 | 249.0 | 0.3 | 12.90 | 1,520.00 | 9.35 | 49.00 | | 160.00 | 8.59 | 4.66 | 7.7 | 4.7 | 0.2 | 0.5 | 3.8 | 40.0 | 0.5 |
| | | | 12.0 | 180.5 | 44.5 | 893.0 | 1.08 | 0.32 | 0.9 | 5.00 | 98.0 | 2.1 | 254.0 | 4.0 | 25.7 | 2.0 | 158.0 | 199.0 |
| CAOND119185 | 432.3 | 432.5 | 0.3 | 13.90 | 507.00 | 6.87 | 762.00 | | 140.00 | 8.55 | 3.95 | 10.9 | 5.0 | 0.2 | 0.5 | 3.4 | 40.0 | 0.3 |
| | | | 4.0 | 160.5 | 47.6 | 739.0 | 0.58 | 0.26 | 0.6 | 5.00 | 101.3 | 2.1 | 195.0 | 3.0 | 17.5 | 1.7 | 100.0 | 126.0 |
| CAOND119186 | 606.0 | 606.2 | 0.3 | 11.75 | 1,255.00 | 7.73 | 51.00 | | 300.00 | 8.40 | 3.80 | 11.6 | 6.5 | 0.2 | 0.5 | 2.5 | 43.0 | 0.6 |
| | | | 9.0 | 110.5 | 45.2 | 352.0 | 0.97 | 0.33 | 0.6 | 5.00 | 99.2 | 2.7 | 181.0 | 6.0 | 24.4 | 2.0 | 238.0 | 170.0 |
| CAOND119187 | 620.8 | 621.0 | 0.6 | 13.65 | 393.00 | 5.04 | 854.00 | | 60.00 | 7.60 | 1.86 | 7.4 | 2.5 | 0.3 | 6.0 | 6.3 | 18.0 | 0.2 |
| | | | 25.0 | 70.5 | 53.1 | 421.0 | 0.55 | 0.25 | 0.5 | 5.00 | 98.6 | 2.2 | 83.0 | 9.0 | 17.0 | 1.7 | 68.0 | 165.0 |
| CAOND119188 | 747.0 | 747.2 | 1.6 | 14.30 | 1,025.00 | 5.28 | 1,395.00 | | 130.00 | 6.77 | 3.49 | 5.3 | 3.6 | 0.2 | 57.0 | 4.8 | 28.0 | 0.3 |
| | | | 113.0 | 137.0 | 54.8 | 1 020.0 | 0.61 | 0.31 | 0.6 | 5.00 | 99.6 | 3.4 | 131.0 | 11.0 | 18.0 | 1.8 | 329.0 | 137.0 |
| CAOND119189 | 755.6 | 755.7 | 0.8 | 14.50 | 2,460.00 | 5.69 | 932.00 | | 60.00 | 10.40 | 5.14 | 5.0 | 3.2 | 0.2 | 7.0 | 3.6 | 23.0 | 0.4 |
| | | | 20.0 | 157.0 | 49.8 | 1 445.0 | 0.74 | 0.31 | 0.6 | 5.00 | 99.0 | 3.7 | 188.0 | 6.0 | 21.3 | 2.1 | 221.0 | 143.0 |
| CAOND119191 | 764.7 | 764.8 | 0.3 | 15.40 | 2,610.00 | 5.41 | 143.00 | | 70.00 | 7.92 | 4.54 | 2.8 | 3.3 | 0.2 | 14.0 | 4.8 | 19.0 | 0.4 |
| | | | 23.0 | 136.0 | 53.8 | 1 770.0 | 0.75 | 0.31 | 0.7 | 5.00 | 99.6 | 3.3 | 168.0 | 10.0 | 23.1 | 2.1 | 183.0 | 144.0 |
| CAOND119192 | 766.2 | 766.3 | 0.3 | 15.20 | 1,735.00 | 5.44 | 165.00 | | 60.00 | 7.82 | 3.69 | 4.7 | 3.5 | 0.2 | 6.0 | 5.1 | 19.0 | 0.4 |
| | | | 20.0 | 150.5 | 52.9 | 1 455.0 | 0.82 | 0.34 | 0.6 | 5.00 | 99.9 | 4.0 | 164.0 | 6.0 | 23.5 | 2.1 | 265.0 | 158.0 |
| CAOND119193 | 828.0 | 828.2 | 1.4 | 14.90 | 2,570.00 | 6.39 | 1,850.00 | | 110.00 | 2.32 | 10.20 | 6.2 | 3.7 | 0.3 | 40.0 | 0.9 | 28.0 | 0.8 |
| | | | 45.0 | 282.0 | 52.8 | 1 200.0 | 0.76 | 0.31 | 0.6 | 5.00 | 99.5 | 10.6 | 114.0 | 17.0 | 21.9 | 2.0 | 191.0 | 157.0 |

**Hole number:** KLUC19-547

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 11.2 | 12.0 | 45.00 | 100.00 | | | N | |
| 12.0 | 15.0 | 62.00 | 100.00 | | | N | |
| 15.0 | 18.0 | 58.00 | 100.00 | | | N | |
| 18.0 | 21.0 | 71.00 | 100.00 | | | N | |
| 21.0 | 24.0 | 93.00 | 100.00 | | | N | |
| 24.0 | 27.0 | 90.00 | 100.00 | | | N | |
| 27.0 | 30.0 | 90.00 | 100.00 | | | N | |
| 30.0 | 33.0 | 83.00 | 100.00 | | | N | |
| 33.0 | 36.0 | 92.00 | 100.00 | | | N | |
| 36.0 | 39.0 | 98.00 | 100.00 | | | N | |
| 39.0 | 42.0 | 95.00 | 100.00 | | | N | |
| 42.0 | 45.0 | 100.00 | 100.00 | | | N | |
| 45.0 | 48.0 | 92.00 | 100.00 | | | N | |
| 48.0 | 51.0 | 95.00 | 100.00 | | | N | |
| 51.0 | 54.0 | 93.00 | 100.00 | | | N | |
| 54.0 | 57.0 | 77.00 | 100.00 | | | N | |
| 57.0 | 60.0 | 83.00 | 100.00 | | | N | |
| 60.0 | 63.0 | 70.00 | 100.00 | | | N | |
| 63.0 | 66.0 | 93.00 | 100.00 | | | N | |
| 66.0 | 69.0 | 88.00 | 100.00 | | | N | |
| 69.0 | 72.0 | 93.00 | 100.00 | | | N | |
| 72.0 | 75.0 | 93.00 | 100.00 | | | N | |
| 75.0 | 78.0 | 83.00 | 100.00 | | | N | |
| 78.0 | 81.0 | 100.00 | 100.00 | | | N | |
| 81.0 | 84.0 | 97.00 | 100.00 | | | N | |
| 84.0 | 87.0 | 98.00 | 100.00 | | | N | |
| 87.0 | 90.0 | 98.00 | 100.00 | | | N | |
| 90.0 | 93.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC19-547

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 93.0 | 96.0 | 100.00 | 100.00 | | | N | |
| 96.0 | 99.0 | 100.00 | 100.00 | | | N | |
| 99.0 | 102.0 | 98.00 | 100.00 | | | N | |
| 102.0 | 105.0 | 97.00 | 100.00 | | | N | |
| 105.0 | 108.0 | 100.00 | 100.00 | | | N | |
| 108.0 | 111.0 | 100.00 | 100.00 | | | N | |
| 111.0 | 114.0 | 100.00 | 100.00 | | | N | |
| 114.0 | 117.0 | 100.00 | 100.00 | | | N | |
| 117.0 | 120.0 | 100.00 | 100.00 | | | N | |
| 120.0 | 123.0 | 100.00 | 100.00 | | | N | |
| 123.0 | 126.0 | 100.00 | 100.00 | | | N | |
| 126.0 | 129.0 | 100.00 | 100.00 | | | N | |
| 129.0 | 132.0 | 100.00 | 100.00 | | | N | |
| 132.0 | 135.0 | 100.00 | 100.00 | | | N | |
| 135.0 | 138.0 | 97.00 | 100.00 | | | N | |
| 138.0 | 141.0 | 100.00 | 100.00 | | | N | |
| 141.0 | 144.0 | 97.00 | 100.00 | | | N | |
| 144.0 | 147.0 | 100.00 | 100.00 | | | N | |
| 147.0 | 150.0 | 100.00 | 100.00 | | | N | |
| 150.0 | 153.0 | 100.00 | 100.00 | | | N | |
| 153.0 | 156.0 | 100.00 | 100.00 | | | N | |
| 156.0 | 159.0 | 98.00 | 100.00 | | | N | |
| 159.0 | 162.0 | 100.00 | 100.00 | | | N | |
| 162.0 | 165.0 | 97.00 | 100.00 | | | N | |
| 165.0 | 168.0 | 97.00 | 100.00 | | | N | |
| 168.0 | 171.0 | 100.00 | 100.00 | | | N | |
| 171.0 | 174.0 | 92.00 | 100.00 | | | N | |
| 174.0 | 177.0 | 77.00 | 100.00 | | | N | |

**Hole number:** KLUC19-547

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 177.0 | 180.0 | 90.00 | 100.00 | | | N | |
| 180.0 | 183.0 | 90.00 | 100.00 | | | N | |
| 183.0 | 186.0 | 100.00 | 100.00 | | | N | |
| 186.0 | 189.0 | 97.00 | 100.00 | | | N | |
| 189.0 | 192.0 | 100.00 | 100.00 | | | N | |
| 192.0 | 195.0 | 100.00 | 100.00 | | | N | |
| 195.0 | 198.0 | 100.00 | 100.00 | | | N | |
| 198.0 | 201.0 | 100.00 | 100.00 | | | N | |
| 201.0 | 204.0 | 100.00 | 100.00 | | | N | |
| 204.0 | 207.0 | 100.00 | 100.00 | | | N | |
| 207.0 | 210.0 | 100.00 | 100.00 | | | N | |
| 210.0 | 213.0 | 98.00 | 100.00 | | | N | |
| 213.0 | 216.0 | 100.00 | 100.00 | | | N | |
| 216.0 | 219.0 | 98.00 | 100.00 | | | N | |
| 219.0 | 222.0 | 100.00 | 100.00 | | | N | |
| 222.0 | 225.0 | 100.00 | 100.00 | | | N | |
| 225.0 | 228.0 | 100.00 | 100.00 | | | N | |
| 228.0 | 231.0 | 97.00 | 100.00 | | | N | |
| 231.0 | 234.0 | 100.00 | 100.00 | | | N | |
| 234.0 | 237.0 | 85.00 | 100.00 | | | N | |
| 237.0 | 240.0 | 97.00 | 100.00 | | | N | |
| 240.0 | 243.0 | 93.00 | 100.00 | | | N | |
| 243.0 | 246.0 | 93.00 | 100.00 | | | N | |
| 246.0 | 249.0 | 100.00 | 100.00 | | | N | |
| 249.0 | 252.0 | 100.00 | 100.00 | | | N | |
| 252.0 | 255.0 | 100.00 | 100.00 | | | N | |
| 255.0 | 258.0 | 100.00 | 100.00 | | | N | |
| 258.0 | 261.0 | 98.00 | 100.00 | | | N | |

**Hole number:** KLUC19-547

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 261.0 | 264.0 | 100.00 | 100.00 | | | N | |
| 264.0 | 267.0 | 98.00 | 100.00 | | | N | |
| 267.0 | 270.0 | 90.00 | 100.00 | | | N | |
| 270.0 | 273.0 | 100.00 | 100.00 | | | N | |
| 273.0 | 276.0 | 100.00 | 100.00 | | | N | |
| 276.0 | 279.0 | 100.00 | 100.00 | | | N | |
| 279.0 | 282.0 | 100.00 | 100.00 | | | N | |
| 282.0 | 285.0 | 98.00 | 100.00 | | | N | |
| 285.0 | 288.0 | 100.00 | 100.00 | | | N | |
| 288.0 | 291.0 | 100.00 | 100.00 | | | N | |
| 291.0 | 294.0 | 100.00 | 100.00 | | | N | |
| 294.0 | 297.0 | 100.00 | 100.00 | | | N | |
| 297.0 | 300.0 | 93.00 | 100.00 | | | N | |
| 300.0 | 303.0 | 100.00 | 100.00 | | | N | |
| 303.0 | 306.0 | 100.00 | 100.00 | | | N | |
| 306.0 | 309.0 | 100.00 | 100.00 | | | N | |
| 309.0 | 312.0 | 98.00 | 100.00 | | | N | |
| 312.0 | 315.0 | 90.00 | 100.00 | | | N | |
| 315.0 | 318.0 | 67.00 | 100.00 | | | N | |
| 318.0 | 321.0 | 67.00 | 100.00 | | | N | |
| 321.0 | 324.0 | 90.00 | 100.00 | | | N | |
| 324.0 | 327.0 | 100.00 | 100.00 | | | N | |
| 327.0 | 330.0 | 98.00 | 100.00 | | | N | |
| 330.0 | 333.0 | 98.00 | 100.00 | | | N | |
| 333.0 | 336.0 | 100.00 | 100.00 | | | N | |
| 336.0 | 339.0 | 100.00 | 100.00 | | | N | |
| 339.0 | 342.0 | 100.00 | 100.00 | | | N | |
| 342.0 | 345.0 | 97.00 | 100.00 | | | N | |

**Hole number:** KLUC19-547

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 345.0 | 348.0 | 100.00 | 100.00 | | | N | |
| 348.0 | 351.0 | 100.00 | 100.00 | | | N | |
| 351.0 | 354.0 | 100.00 | 100.00 | | | N | |
| 354.0 | 357.0 | 100.00 | 100.00 | | | N | |
| 357.0 | 360.0 | 100.00 | 100.00 | | | N | |
| 360.0 | 363.0 | 100.00 | 100.00 | | | N | |
| 363.0 | 366.0 | 97.00 | 100.00 | | | N | |
| 366.0 | 369.0 | 97.00 | 100.00 | | | N | |
| 369.0 | 372.0 | 90.00 | 100.00 | | | N | |
| 372.0 | 375.0 | 100.00 | 100.00 | | | N | |
| 375.0 | 378.0 | 100.00 | 100.00 | | | N | |
| 378.0 | 381.0 | 97.00 | 100.00 | | | N | |
| 381.0 | 384.0 | 100.00 | 100.00 | | | N | |
| 384.0 | 387.0 | 98.00 | 100.00 | | | N | |
| 387.0 | 390.0 | 97.00 | 100.00 | | | N | |
| 390.0 | 393.0 | 100.00 | 100.00 | | | N | |
| 393.0 | 396.0 | 100.00 | 100.00 | | | N | |
| 396.0 | 399.0 | 100.00 | 100.00 | | | N | |
| 399.0 | 402.0 | 73.00 | 100.00 | | | N | |
| 402.0 | 405.0 | 97.00 | 100.00 | | | N | |
| 405.0 | 408.0 | 95.00 | 100.00 | | | N | |
| 408.0 | 411.0 | 98.00 | 100.00 | | | N | |
| 411.0 | 414.0 | 98.00 | 100.00 | | | N | |
| 414.0 | 417.0 | 98.00 | 100.00 | | | N | |
| 417.0 | 420.0 | 97.00 | 100.00 | | | N | |
| 420.0 | 423.0 | 98.00 | 100.00 | | | N | |
| 423.0 | 426.0 | 100.00 | 100.00 | | | N | |
| 426.0 | 429.0 | 98.00 | 98.00 | | | N | |

**Hole number:** KLUC19-547

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 429.0 | 432.0 | 100.00 | 100.00 | | | N | |
| 432.0 | 435.0 | 100.00 | 100.00 | | | N | |
| 435.0 | 438.0 | 100.00 | 100.00 | | | N | |
| 438.0 | 441.0 | 100.00 | 100.00 | | | N | |
| 441.0 | 444.0 | 98.00 | 100.00 | | | N | |
| 444.0 | 447.0 | 97.00 | 100.00 | | | N | |
| 447.0 | 450.0 | 98.00 | 100.00 | | | N | |
| 450.0 | 453.0 | 97.00 | 100.00 | | | N | |
| 453.0 | 456.0 | 95.00 | 95.00 | | | N | |
| 456.0 | 459.0 | 97.00 | 100.00 | | | N | |
| 459.0 | 462.0 | 98.00 | 100.00 | | | N | |
| 462.0 | 465.0 | 98.00 | 100.00 | | | N | |
| 465.0 | 468.0 | 98.00 | 100.00 | | | N | |
| 468.0 | 471.0 | 100.00 | 100.00 | | | N | |
| 471.0 | 474.0 | 93.00 | 88.00 | | | N | |
| 474.0 | 477.0 | 95.00 | 100.00 | | | N | |
| 477.0 | 480.0 | 93.00 | 93.00 | | | N | |
| 480.0 | 483.0 | 100.00 | 100.00 | | | N | |
| 483.0 | 486.0 | 93.00 | 93.00 | | | N | |
| 486.0 | 489.0 | 95.00 | 100.00 | | | N | |
| 489.0 | 492.0 | 92.00 | 92.00 | | | N | |
| 492.0 | 495.0 | 90.00 | 87.00 | | | N | |
| 495.0 | 498.0 | 80.00 | 100.00 | | | N | |
| 498.0 | 501.0 | 85.00 | 100.00 | | | N | |
| 501.0 | 504.0 | 95.00 | 100.00 | | | N | |
| 504.0 | 507.0 | 75.00 | 100.00 | | | N | |
| 507.0 | 510.0 | 97.00 | 100.00 | | | N | |
| 510.0 | 513.0 | 98.00 | 100.00 | | | N | |

**Hole number:** KLUC19-547

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 513.0 | 516.0 | 83.00 | 100.00 | | | N | |
| 516.0 | 519.0 | 93.00 | 100.00 | | | N | |
| 519.0 | 522.0 | 92.00 | 100.00 | | | N | |
| 522.0 | 525.0 | 93.00 | 100.00 | | | N | |
| 525.0 | 528.0 | 80.00 | 100.00 | | | N | |
| 528.0 | 531.0 | 83.00 | 100.00 | | | N | |
| 531.0 | 534.0 | 90.00 | 100.00 | | | N | |
| 534.0 | 537.0 | 93.00 | 100.00 | | | N | |
| 537.0 | 540.0 | 93.00 | 100.00 | | | N | |
| 540.0 | 543.0 | 97.00 | 100.00 | | | N | |
| 543.0 | 546.0 | 97.00 | 100.00 | | | N | |
| 546.0 | 549.0 | 90.00 | 100.00 | | | N | |
| 549.0 | 552.0 | 100.00 | 100.00 | | | N | |
| 552.0 | 555.0 | 90.00 | 100.00 | | | N | |
| 555.0 | 558.0 | 97.00 | 100.00 | | | N | |
| 558.0 | 561.0 | 97.00 | 100.00 | | | N | |
| 561.0 | 564.0 | 97.00 | 100.00 | | | N | |
| 564.0 | 567.0 | 82.00 | 100.00 | | | N | |
| 567.0 | 570.0 | 97.00 | 100.00 | | | N | |
| 570.0 | 573.0 | 90.00 | 100.00 | | | N | |
| 573.0 | 576.0 | 90.00 | 100.00 | | | N | |
| 576.0 | 579.0 | 92.00 | 100.00 | | | N | |
| 579.0 | 582.0 | 95.00 | 100.00 | | | N | |
| 582.0 | 585.0 | 93.00 | 100.00 | | | N | |
| 585.0 | 588.0 | 98.00 | 100.00 | | | N | |
| 588.0 | 591.0 | 100.00 | 100.00 | | | N | |
| 591.0 | 594.0 | 97.00 | 100.00 | | | N | |
| 594.0 | 597.0 | 87.00 | 100.00 | | | N | |

**Hole number:** KLUC19-547

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 597.0 | 600.0 | 97.00 | 100.00 | | | N | |
| 600.0 | 603.0 | 95.00 | 100.00 | | | N | |
| 603.0 | 606.0 | 90.00 | 100.00 | | | N | |
| 606.0 | 609.0 | 87.00 | 100.00 | | | N | |
| 609.0 | 612.0 | 100.00 | 100.00 | | | N | |
| 612.0 | 615.0 | 95.00 | 100.00 | | | N | |
| 615.0 | 618.0 | 93.00 | 100.00 | | | N | |
| 618.0 | 621.0 | 75.00 | 100.00 | | | N | |
| 621.0 | 624.0 | 87.00 | 100.00 | | | N | |
| 624.0 | 627.0 | 83.00 | 100.00 | | | N | |
| 627.0 | 630.0 | 87.00 | 100.00 | | | N | |
| 630.0 | 633.0 | 90.00 | 100.00 | | | N | |
| 633.0 | 636.0 | 100.00 | 100.00 | | | N | |
| 636.0 | 639.0 | 100.00 | 100.00 | | | N | |
| 639.0 | 642.0 | 92.00 | 100.00 | | | N | |
| 642.0 | 645.0 | 97.00 | 100.00 | | | N | |
| 645.0 | 648.0 | 98.00 | 100.00 | | | N | |
| 648.0 | 651.0 | 97.00 | 100.00 | | | N | |
| 651.0 | 654.0 | 93.00 | 100.00 | | | N | |
| 654.0 | 657.0 | 100.00 | 100.00 | | | N | |
| 657.0 | 660.0 | 92.00 | 100.00 | | | N | |
| 660.0 | 663.0 | 97.00 | 100.00 | | | N | |
| 663.0 | 666.0 | 97.00 | 100.00 | | | N | |
| 666.0 | 669.0 | 93.00 | 100.00 | | | N | |
| 669.0 | 672.0 | 92.00 | 100.00 | | | N | |
| 672.0 | 675.0 | 98.00 | 100.00 | | | N | |
| 675.0 | 678.0 | 93.00 | 100.00 | | | N | |
| 678.0 | 681.0 | 95.00 | 100.00 | | | N | |

**Hole number:** KLUC19-547

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 681.0 | 684.0 | 82.00 | 100.00 | | | N | |
| 684.0 | 687.0 | 98.00 | 100.00 | | | N | |
| 687.0 | 690.0 | 80.00 | 100.00 | | | N | |
| 690.0 | 693.0 | 77.00 | 100.00 | | | N | |
| 693.0 | 696.0 | 95.00 | 100.00 | | | N | |
| 696.0 | 699.0 | 98.00 | 100.00 | | | N | |
| 699.0 | 702.0 | 95.00 | 100.00 | | | N | |
| 702.0 | 705.0 | 98.00 | 100.00 | | | N | |
| 705.0 | 708.0 | 88.00 | 100.00 | | | N | |
| 708.0 | 711.0 | 75.00 | 100.00 | | | N | |
| 711.0 | 714.0 | 93.00 | 100.00 | | | N | |
| 714.0 | 717.0 | 95.00 | 100.00 | | | N | |
| 717.0 | 720.0 | 98.00 | 100.00 | | | N | |
| 720.0 | 723.0 | 95.00 | 100.00 | | | N | |
| 723.0 | 726.0 | 90.00 | 100.00 | | | N | |
| 726.0 | 729.0 | 95.00 | 100.00 | | | N | |
| 729.0 | 732.0 | 98.00 | 100.00 | | | N | |
| 732.0 | 735.0 | 92.00 | 100.00 | | | N | |
| 735.0 | 738.0 | 97.00 | 100.00 | | | N | |
| 738.0 | 741.0 | 97.00 | 100.00 | | | N | |
| 741.0 | 744.0 | 82.00 | 100.00 | | | N | |
| 744.0 | 747.0 | 88.00 | 100.00 | | | N | |
| 747.0 | 750.0 | 95.00 | 100.00 | | | N | |
| 750.0 | 753.0 | 95.00 | 100.00 | | | N | |
| 753.0 | 756.0 | 97.00 | 100.00 | | | N | |
| 756.0 | 759.0 | 97.00 | 100.00 | | | N | |
| 759.0 | 762.0 | 97.00 | 100.00 | | | N | |
| 762.0 | 765.0 | 77.00 | 100.00 | | | N | |

**Hole number:** KLUC19-547

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 765.0 | 768.0 | 87.00 | 100.00 | | | N | |
| 768.0 | 771.0 | 97.00 | 100.00 | | | N | |
| 771.0 | 774.0 | 82.00 | 100.00 | | | N | |
| 774.0 | 777.0 | 95.00 | 100.00 | | | N | |
| 777.0 | 780.0 | 93.00 | 100.00 | | | N | |
| 780.0 | 783.0 | 88.00 | 100.00 | | | N | |
| 783.0 | 786.0 | 98.00 | 100.00 | | | N | |
| 786.0 | 789.0 | 97.00 | 100.00 | | | N | |
| 789.0 | 792.0 | 92.00 | 100.00 | | | N | |
| 792.0 | 795.0 | 90.00 | 100.00 | | | N | |
| 795.0 | 798.0 | 90.00 | 100.00 | | | N | |
| 798.0 | 801.0 | 67.00 | 100.00 | | | N | |
| 801.0 | 804.0 | 93.00 | 100.00 | | | N | |
| 804.0 | 807.0 | 90.00 | 100.00 | | | N | |
| 807.0 | 810.0 | 90.00 | 100.00 | | | N | |
| 810.0 | 813.0 | 97.00 | 100.00 | | | N | |
| 813.0 | 816.0 | 97.00 | 100.00 | | | N | |
| 816.0 | 819.0 | 90.00 | 100.00 | | | N | |
| 819.0 | 822.0 | 87.00 | 100.00 | | | N | |
| 822.0 | 825.0 | 47.00 | 100.00 | | | N | |
| 825.0 | 828.0 | 95.00 | 100.00 | | | N | |
| 828.0 | 831.0 | 93.00 | 100.00 | | | N | |
| 831.0 | 834.0 | 95.00 | 100.00 | | | N | |
| 834.0 | 837.0 | 83.00 | 100.00 | | | N | |
| 837.0 | 840.0 | 82.00 | 100.00 | | | N | |
| 840.0 | 843.0 | 97.00 | 100.00 | | | N | |
| 843.0 | 846.0 | 95.00 | 100.00 | | | N | |
| 846.0 | 846.8 | 98.00 | 100.00 | | | N | |

**Hole number:** KLUC19-547

AGNICO EAGLE

# DRILL HOLE REPORT

EXPLORATION CANADA
ONTARIO

**Hole number:** KLUC19-548 **Project Number:** U_Canada **Project name:** Upper Canada

| | |
|---|---|
| **Historic hole number:** | |
| **System:** | METRIC |
| **Target:** | UC_UPPER_L_ZONE |
| **No. Claim:** | PAT-18799 |
| **Year:** | 2 019 |
| **Date started:** | 2019-07-07 |
| **Date logged:** | 2019-07-19 |
| **Date completed:** | 2019-07-08 |
| **Core size:** | NQ |
| **Hole type:** | EXP |
| **Casing:** | Pulled |
| **Logging status:** | Signed |
| **Rig number:** | 2501 |

| | |
|---|---|
| **Collar survey:** | Y |
| **Verified:** | N |
| **Gas:** | N |
| **Multishot survey:** | N |
| **Is making water:** | N |
| **Object in hole:** | N |
| **Pulse EM survey:** | N |
| **Plugged:** | N |
| **Cemented:** | N |
| **Branch:** | N |
| **Reserve:** | N |

| | |
|---|---|
| **From:** | 0.0 |
| **To:** | 126.0 |
| **Depth:** | 126.0 |
| **Location:** | Surface |
| **Core storage:** | Mine Site |
| **Contractor:** | Asinii Drilling |
| **Logged by:** | Melanie Bouchard |
| **Signature:** | Mélanie Bouchard |

| | |
|---|---|
| **Coordinates:** | P |
| **Grid:** | UTM83-17_CSRS-2010: |
| **North:** | 5,332,851.72 |
| **East:** | 586,964.76 |
| **Elevation:** | 332.53 |
| **Collar dip:** | -58.00 |
| **Collar azimuth:** | 162.00 |

**Additional sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Proposed hole: UCP19-045. New and improved Asinii II drill Rig: 2501. Targeting: Upper L zone. Hole was cancelled at 126m because starting dip was steeper than planned and in 120m the hole did not deviate. Hole redrilled as KLUC19-549.

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 162.00 | -58.00 | PLANNED | O | Planned direction |
| 60.0 | 164.40 | -60.10 | EZ | D | 54174 |
| 120.0 | 163.10 | -59.90 | EZ | O | 55294 |
| 30.0 | 162.70 | -60.60 | EZ | O | 53933 |
| 90.0 | 162.30 | -60.10 | EZ | O | 54701 |

**Major:** **From:** 0.00 **To:** 12.00 OVB, Overburden

Overburden / casing

**Major:** **From:** 12.00 **To:** 25.80 I2Dm, Mafic Syenite

Composition: Patchy medium pink, dark pinkish purple to purple and dark green stringers, fine grained and chaotic; I2Dm - Mafic syenite (NOT northland amp-porph) Magnetism: Moderately magnetic. Veinning: 1% whispy and discontinous calcite veinlets. Structure: Moderate to strong brittle deformation and healed fracturing with weak preferential alignment at 40-50 TCA. Alteration: Strong patchy calcite alteration and strong stringers of chlorite alteration. Mineralization: None observed. Lower Contact: Sharp and irregular.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

12.00, 25.80, CAL+, PAT, STRONG, -, -, -, Moderate to strong patchy calcite alteration

**Hole number:** KLUC19-548

12.00, 25.80, CHL+, STG, STRONG, -, -, -, Strong whispy stringers of chl alt.

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
12.00, 25.80, BRR, WEAK, -, -, -, -, Weak to locally moderate broken/fractured core
12.00, 25.80, DFZ, MOD, -, -, -, -, Moderate to strong brittle deformation and healed microfracturing
12.00, 25.80, FOL, WEAK, 40.00, -, -, -, Weak preferential alignmnet of healed fracturing and clasts
12.00, 25.80, FRA, MOD, -, -, -, -, Moderate to strong healed microfracturing

**Major:** **From:** 25.80 **To:** 38.20 I2D, Syénite

Composition: Medium pink to purplish pink, fine to medium grained and massive; I2D - Syenite intrusion. Magnetism: Moderate magnetism. Veinning: 1-2% mm scale chaotic fracture filling calcite veinlets and less than 1% mm scale qtz-cal and qtz-cal-chl veinlets. Structure: Weak broken core and weak healed microfracturing. Alteration: Moderate pervasive calcite and patchy moderate chlorite alteration. Mineralization: Patches of 0.5-1% very fine grained disseminated Py over 20-50cm intervals. Lower Contact: Sharp but irregular.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
31.00, 36.00, PYR, DIS, .50, -, VFG, 0.5-1% very fine grained disseminated PY

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
25.80, 38.20, CAL+, PEN, MOD, -, -, -, Moderate pervasive calcite alt.
25.80, 38.20, CHL+, PAT, MOD, -, -, -, Moderate patchy and spotted chl alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
25.80, 38.20, BRR, WEAK, -, -, -, -, Weak broken/fractured core
25.80, 38.20, FRA, WEAK, -, -, -, -, Weak healed fracturing

**Major:** **From:** 38.20 **To:** 39.10 I2Dm, Mafic Syenite

Composition: Dark grey to dark purplish grey, fine grained, heterogeneous and weakly chaotic; I2Dm - Mafic syenite (NOT northland amp-porph). 10cm thick interval of I2D - Syenite. Magnetism: Moderate to strongly magnetic. Veinning: Less than 1% irregular and discontinous calcite veinning. Structure: Weak healed fracturing and preferential alignment at 40-50 TCA. Alteration: Moderate patchy calcite alteration. Mineralization: None observed. Lower Contact: Sharp and irregular.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
38.20, 39.10, CAL+, PAT, MOD, -, -, -, Moderate patchy calcite alteration

**Major:** **From:** 39.10 **To:** 70.60 I2D, Syénite

Composition: Medium pink to pinkish grey, fine to medium grained, massive; I2D - Syenite. Magnetism:

**Hole number:** KLUC19-548

Moderate to strongly magnetic. Veinning: 1-2% chaotic and discontinous calcite veins with minor qtz and chl. Structure: Weak broken core and healed microfracturing. Alteration: Weak to moderate calcite alteration. Mineralization: Trace chalcopyrite locally in qtz-cal vein. Lower Contact: Relatively sharp.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

59.00, 60.00, CPY, PAT, .50, -, FGR, Patches of chalcopyrite occuring locally in qtz-cal veins
67.50, 68.00, PYR, DIS, .50, -, FGR, 0.5-1% very fine grained disseminated to clustered PY

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

39.10, 70.60, CAL+, PEN, WEAK, -, -, -, Weak to moderate pervasive calcite alt.
66.80, 67.70, ALB+, PAT, WEAK, -, -, -, Weak bleaching? Albite alt?
66.80, 67.70, SER+, STG, MOD, -, -, -, Moderate discontinous stringers of sericite alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

39.10, 70.60, BRR, WEAK, -, -, -, -, Weak broken/fractured core
39.10, 70.60, FRA, WEAK, -, -, -, -, Weak to moderate healed fracturing

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

58.80, 61.00, QTZ_2, 2.00, -, -, -, -, -, -, -, CPY, .50, 2% irregular and chaotic qtz-cal and cal only veins with rare chalcopyrite occuring locally in veins

**Major:** **From:** 70.60 **To:** 73.50 I2Dp, Porphyritic Syenite

Composition: Dark grey to purplish grey with minor patches of orangish pink, none pervasive porphyritic texture; I2Dp - Syenite porphyry. Magnetism: Moderately magnetic. Veinning: 1% irregular and chaotic qtz-cal veins clustered in a 30cm thick interval. Structure: Weak broken/fractured core and moderate chaotic brittle deformation and healed fracturing. Alteration: Weak patchy beaching-albite? alteration, local patches of kspar alt. and local patches of moderate sericite alteration. Mineralization: 1% Py over a 30cm thick interval associated with qtz veinning and kspar alt. Lower Contact: Relatively sharp at 40 TCA.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

70.60, 71.00, PYR, DIS, .50, -, FGR, 0.5-1% very fine grained disseminated to clustered PY
71.90, 72.40, PYR, DIS, .50, -, VFG, 0.5-1% very fine grained Py clustered in qtz veins and at vein contacts

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

70.60, 73.50, ALB+, PAT, WEAK, -, -, -, Weak patchy bleaching? Albite alt?
71.90, 72.40, KFS+, PEN, MOD, -, -, -, Moderate orangish pink kspar alt.

72.50, 73.50, SER+, PAT, MOD, -, -, -, Moderate discontinous patches and stringers of Se alt.

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
70.60, 73.50, BRR, WEAK, -, -, -, -, Weak broken/fractured core
70.60, 73.50, DFZ, WEAK, -, -, -, -, Weak to moderate brittle deformation
70.60, 73.50, FRA, MOD, -, -, -, -, Moderate healed fracturing

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
71.80, 72.40, QTZ, 3.00, -, -, -, -, -, -, -, PYR, .50, 3% irregular, chaotic and discontinous qtz veinning with 0.5% very fine grained Py clustered locally in veins and at contacts of veins

**Major:** **From:** 73.50 **To:** 91.70 I2Dm, Mafic Syenite

Composition: Medium purplish grey, pale grey, dark green and patches of pink, fine grained and chaotic; I2Dm - Mafic syenite (NOT northland amp-porph) Magnetism: Moderate to strongly magnetic. Veinning: 1-2% mm scale chaotic and irregular carb veinlets. Structure: Moderate chaotic and irregular healed fracturing. Alteration: Moderate patchy carbonate and local stringers of moderate sericite alteration. Weakly porous and pitted. Mineralization: Locally 1% disseminated Py over 1-2m interval. Lower Contact: Sharp and irregular.

**MINOR INTERVAL**
77.80 - 78.90: I2DMedium pinkish grey, fine grained and massive syenite intrusion? weakly broken/fractured with sharp irregular contacts

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
80.50, 81.00, PYR, DIS, 1.00, -, MGR, 1-2% fine and medium grained disseminated and clustered PY
89.00, 91.70, PYR, DIS, 1.00, -, FGR, 1-2% fine and medium grained disseminated and clustered PY

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
73.50, 91.70, CBT+, PAT, WEAK, -, -, -, Weak to moderate patchy, stringer and spots of carb and calcite alteration, given weakly bleached apperace?
73.50, 91.70, SER+, SPO, WEAK, -, -, -, Weak spotty sericite alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
73.50, 91.70, DFZ, MOD, -, -, -, -, Weak to moderate brittle and chaotic deformation
73.50, 91.70, FRA, MOD, -, -, -, -, Weak to moderate healed fracturing

**Hole number:** KLUC19-548

**Major:** **From:** 91.70 **To:** 115.70 I2D, Syénite

Composition: Medium to dark purplish grey with medium orangish pink patches, fine grained and massive; I2D - Syenite intrusion Magnetism: Moderate to strongly magetic. Veinning: 1-2% mm scale discontinous pitted calcite veins. Structure: Moderate broken/fractured core and weak to moderate pitted healed fracturing. Alteration: Moderate to strong calcite alteration. Mineralization: 1% PY clustered along pitted calcite veins and fractures. Lower Contact: Relatively sharp. 1m thick interval of brittle deformation and alternation between I2D and I2Dm.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

99.50, 100.00, PYR, PAT, 1.00, -, FGR, 1-2% fine grained Py clustered in a fracture

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

91.70, 115.70, CAL+, PAT, MOD, -, -, -, Moderate to strong patchy and stringers of calcite alteration.

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

91.70, 115.70, BRR, MOD, -, -, -, -, Moderate broken/fractured core into 5-10 and 1-3cm pieces
91.70, 115.70, DFZ, WEAK, -, -, -, -, Weak brittle deformation
91.70, 115.70, FRA, WEAK, -, -, -, -, Weak healed microfracturing

**Major:** **From:** 115.70 **To:** 120.10 I2Dm, Mafic Syenite

Composition: Dark green with pale pinkish grey and pink patches and stringers with minor dark purplish patches, dominantly fine grained and massive with minor porphyritic intervals; I2Dm - Mafic syenite (NOT northland amp-porph) Magnetism: Moderate to strongly magnetic. Veinning: 2-3% mm scale chaotic and discontinous fracture filled calcite veins. Structure: Weak chaotic brittle deformation and weak to moderate healed fracturing. Alteration: Moderate patchy calcite alteration. Mineralization: 0.5-1% very fine grained Py occuring in fractures. Lower Contact: Relatively sharp and irregular.

**TEXTURE**

TYPE/COLOR/GRAIN_SIZE/COMMENTS

116.00, 118.00, POR, -, MGR, Minor porphyritic interval

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

116.70, 117.20, PYR, DIS, .50, -, VFG, 0.5-1% very fine Py occuring in fractures

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

115.70, 120.10, CAL+, PAT, MOD, -, -, -, Moderate patchy and stringers of calcite alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

115.70, 120.10, DFZ, WEAK, -, -, -, -, Weak chaotic brittle deformation

**Hole number:** KLUC19-548

115.70, 120.10, FRA, WEAK, -, -, -, -, Weak chaotic healed fracturing

**Major:** **From:** 120.10 **To:** 126.00 I2D, Syénite

Composition: Medium to dark pinkish purple to purplish grey, fine grained and massive; I2D - Syenite intrusion Magnetism: Moderately magetic. Veinning: 1-2% mm scale discontinous pitted calcite veins. Structure: Weak brittle deformation and weak healed fracturing. Alteration: Moderate pervasive calcite alteration. Mineralization: 0.1-0.5% very fine grained PY clustered in fractures. Lower Contact: Not reached. E.O.H

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

120.10, 126.00, CAL+, PEN, MOD, -, -, -, Moderate pervasive calcite alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

120.10, 126.00, DFZ, WEAK, -, -, -, -, Weak chaotic brittle deformation

120.10, 126.00, FRA, WEAK, -, -, -, -, Weak chaotic healed fracturing

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 12.0 | 15.0 | 42.00 | 100.00 | | | N | |
| 15.0 | 18.0 | 52.00 | 100.00 | | | N | |
| 18.0 | 21.0 | 33.00 | 100.00 | | | N | |
| 21.0 | 24.0 | 52.00 | 100.00 | | | N | |
| 24.0 | 27.0 | 80.00 | 100.00 | | | N | |
| 27.0 | 30.0 | 47.00 | 100.00 | | | N | |
| 30.0 | 33.0 | 63.00 | 100.00 | | | N | |
| 33.0 | 36.0 | 85.00 | 100.00 | | | N | |
| 36.0 | 39.0 | 68.00 | 100.00 | | | N | |
| 39.0 | 42.0 | 43.00 | 100.00 | | | N | |
| 42.0 | 45.0 | 83.00 | 100.00 | | | N | |
| 45.0 | 48.0 | 87.00 | 100.00 | | | N | |
| 48.0 | 51.0 | 73.00 | 100.00 | | | N | |
| 51.0 | 54.0 | 82.00 | 100.00 | | | N | |
| 54.0 | 57.0 | 80.00 | 100.00 | | | N | |
| 57.0 | 60.0 | 87.00 | 100.00 | | | N | |

**Hole number:** KLUC19-548

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 60.0 | 63.0 | 83.00 | 100.00 | | | N | |
| 63.0 | 66.0 | 77.00 | 100.00 | | | N | |
| 66.0 | 69.0 | 85.00 | 100.00 | | | N | |
| 69.0 | 72.0 | 53.00 | 100.00 | | | N | |
| 72.0 | 75.0 | 70.00 | 100.00 | | | N | |
| 75.0 | 78.0 | 67.00 | 100.00 | | | N | |
| 78.0 | 81.0 | 65.00 | 100.00 | | | N | |
| 81.0 | 84.0 | 67.00 | 100.00 | | | N | |
| 84.0 | 87.0 | 73.00 | 100.00 | | | N | |
| 87.0 | 90.0 | 83.00 | 100.00 | | | N | |
| 90.0 | 93.0 | 67.00 | 100.00 | | | N | |
| 93.0 | 96.0 | 93.00 | 100.00 | | | N | |
| 96.0 | 99.0 | 20.00 | 100.00 | | | N | |
| 99.0 | 102.0 | 37.00 | 100.00 | | | N | |
| 102.0 | 105.0 | 57.00 | 100.00 | | | N | |
| 105.0 | 108.0 | 27.00 | 100.00 | | | N | |
| 108.0 | 111.0 | 83.00 | 100.00 | | | N | |
| 111.0 | 114.0 | 60.00 | 100.00 | | | N | |
| 114.0 | 117.0 | 90.00 | 100.00 | | | N | |
| 117.0 | 120.0 | 100.00 | 100.00 | | | N | |
| 120.0 | 123.0 | 95.00 | 100.00 | | | N | |
| 123.0 | 126.0 | 95.00 | 100.00 | | | N | |

AGNICO EAGLE

# DRILL HOLE REPORT

EXPLORATION CANADA
ONTARIO

**Hole number:** KLUC19-549 **Project Number:** U_Canada **Project name:** Upper Canada

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Historic hole number:** | | **Collar survey:** | Y | **From:** | 0.0 | **Coordinates:** | P |
| **System:** | METRIC | **Verified:** | N | **To:** | 168.2 | **Grid:** | UTM83-17_CSRS-2010: |
| **Target:** | UC_UPPER_L_ZONE | **Gas:** | N | **Depth:** | 168.2 | **North:** | 5,332,850.84 |
| **No. Claim:** | PAT-18799 | **Multishot survey:** | N | **Location:** | Surface | **East:** | 586,965.06 |
| **Year:** | 2 019 | **Is making water:** | N | **Core storage:** | Mine Site | **Elevation:** | 332.62 |
| **Date started:** | 2019-07-08 | **Object in hole:** | Y | **Contractor:** | Asinii Drilling | **Collar dip:** | -57.06 |
| **Date logged:** | 2019-07-20 | **Pulse EM survey:** | N | **Logged by:** | Melanie Bouchard | **Collar azimuth:** | 162.31 |
| **Date completed:** | 2019-07-11 | **Plugged:** | Y | **Signature:** | Mélanie Bouchard | | |
| **Core size:** | NQ | **Cemented:** | Y | | | | |
| **Hole type:** | EXP | **Branch:** | N | | | | |
| **Casing:** | Capped and Plugged | **Reserve:** | N | | | | |
| **Logging status:** | Signed | | | | | | |
| **Rig number:** | 2501 | | | | | | |

**Additional sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Proposed hole: UCP19-045 (second attempt). New and improved Asinii II drill Rig: 2501. Targeting: Upper L zone. Rods stuck in hole at 168m; pulled out some of them, left 12 rods in hole; hole is cemented. Hole abandonned at 168m and redrilled as KLUC19-550.

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 162.00 | -57.00 | NS | | North seeker alignment |
| 30.0 | 162.10 | -57.70 | EZ | O | 54875 |
| 90.0 | 163.70 | -57.80 | EZ | O | 55500 |
| 150.0 | 162.70 | -57.20 | EZ | O | 54862 |

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 162.31 | -57.06 | S | O | Surveyed direction at collar |
| 60.0 | 160.00 | -57.70 | EZ | O | 53785 |
| 120.0 | 162.00 | -57.50 | EZ | O | 53791 |

**Major:** **From:** 0.00 **To:** 15.50 OVB, Overburden

Overburden / casing

**Major:** **From:** 15.50 **To:** 24.00 I2Dm, Mafic Syenite

Composition: Dark grey to greenish grey with pale brown and pink spots, fine grained and deformed; I2Dm - Syenite mafic. Magnetism: Moderate to strongly magnetic. Veinning: 1-2% chaotic and discontinous calcite veinlets. Structure: Moderate parallel brittle deformation at 40-50 TCA. Alteration: Moderate pervasive calcite alteration and moderate chlorite alteration occuring as irregular stringers. Mineralization: None observed. Lower Contact: Sharp and irregular.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

15.50, 24.00, CAL+, PEN, MOD, -, -, -, Moderate pervasive to patchy calcite alteration
15.50, 24.00, CHL+, STG, MOD, -, -, -, Moderate irregular stringers of chlorite

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
15.50, 16.00, BRR, WEAK, -, -, -, -, Weak broken/fracture core into 3-5cm thick pieces
15.50, 24.00, DFZ, MOD, 40.00, -, -, -, Moderate brittle parallel deformation
15.50, 24.00, FOL, MOD, 40.00, -, -, -, Moderate prefential alignmnet at 40-50 TCA.
15.50, 24.00, FRA, MOD, -, -, -, -, Moderate healed fracturing
17.00, 18.00, BRR, MOD, -, -, -, -, Moderate broken/fractured core with possible lost core

**Major:** **From:** 24.00 **To:** 63.90 I2D, Syénite

Composition: Medium pink to purplish pink, fine grained and massive; I2D - Syenite. Magnetism: Moderately magnetic. Veinning: 2-3% irregular pink and pitted calcite veins throughout interval. Structure: Weak brittle deformation and healed fracturing. Alteration: Moderate pervasive calcite. Mineralization: 1% fine grained disseminated Py only occuring locally in clusters. Lower Contact: Sharp and relatively straight oriented at 50 TCA, but occuring at a fracture.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
25.00, 25.10, CPY, PAT, .50, -, -, Trace chalcopyrite occuring in fractures
29.00, 30.00, PYR, PAT, 1.00, -, -, 1% PY clustered in fractures

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
24.00, 63.90, CAL+, PEN, MOD, -, -, -, Moderate pervasive calcite

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
24.00, 63.90, BRR, WEAK, -, -, -, -, Weakly broken/fractured core
24.00, 63.90, DFZ, WEAK, -, -, -, -, Weak brittle deformation and healed fracturing
24.00, 63.90, FRA, WEAK, -, -, -, -, Weak healed fracturing

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
48.00, 48.10, QTZ, 25.00, -, -, -, -, -, -, -, PYR, .50, 25% brecciated qtz vein trending parallel to deformation with 0.5% very fine grained PY

**Major:** **From:** 63.90 **To:** 68.90 I2Dp, Porphyritic Syenite

Composition: Medium grey to purplish grey with minor patches of orangish pink, none pervasive porphyritic texture; I2Dp - Syenite porphyry. Magnetism: Moderately magnetic. Veinning: Rare fracture filling calcite veinlets. Structure: Moderate broken/fractured core and moderate chaotic brittle deformation and healed fracturing. Alteration: Local moderate pervasive kspar alteration Mineralization:

**Hole number:** KLUC19-549

None observed. Lower Contact: Relatively sharp at 30 TCA.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

66.50, 68.10, KFS+, PEN, MOD, -, -, -, Moderate pervasive orangish pink alteration
68.10, 68.90, CAL+, PEN, WEAK, -, -, -, Weak pervasive calcite alteration
68.10, 68.90, CHL+, PAT, WEAK, -, -, -, Weak patchy chl

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

63.90, 68.90, BRR, MOD, -, -, -, -, Moderate broken/fractured core
63.90, 68.90, DFZ, MOD, -, -, -, -, Moderate brittle deformation
63.90, 68.90, FRA, MOD, -, -, -, -, Moderate healed fracturing

**Major:** **From:** 68.90 **To:** 88.40 I2Dm, Mafic Syenite

Composition: Dark greenish grey with pale brown and pink patches, fine grained, chaotic and deformed; I2Dm - Syenite mafic. Magnetism: Moderate to strongly magnetic. Veinning: 1-2% chaotic and discontinous calcite veinlets. Structure: Moderate parallel brittle deformation at 40-50 TCA. Alteration: Moderate pervasive calcite alteration and moderate chlorite alteration occuring as irregular stringers. Mineralization: None observed. Lower Contact: Sharp and irregular.

**MINOR INTERVAL**

71.20 - 74.90: I2DComposition: Medium purplish pink, fine grained and massive; I2D - Syenite. Magnetism: Moderate magnetism. Veinning: 1-2% irregular and folded qtz-cal veins Structure: Weak to moderate broken core, weak brittle deformation and healed fracturing. Alteration: Moderate pervasive calcite alteration. Mineralization: 0.5% very fine grained disseminated PY Lower Contact: Sharp but irregular.

**TEXTURE**

TYPE/COLOR/GRAIN_SIZE/COMMENTS

68.90, 88.40, PRU, -, -, Weak to moderately pitted

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

71.20, 74.90, PYR, DIS, .50, -, VFG, 0.5% very fine grained disseminated Py, locally clustered in calcite veins

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

68.90, 71.20, CAL+, PEN, WEAK, -, -, -, Weak pervasive calcite alteration
68.90, 71.20, CHL+, PAT, WEAK, -, -, -, Weak patchy chl
71.20, 74.90, CAL+, PEN, MOD, -, -, -, Moderate pervasive calcite alteration
74.90, 88.40, CAL+, PEN, MOD, -, -, -, Moderate to strong calcite alteration
74.90, 88.40, CHL+, STG, WEAK, -, -, -, Weak irregular and chaotic stringers of chl

**Hole number:** KLUC19-549

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
68.90, 71.20, BRR, WEAK, -, -, -, -, Weakly broken/fractured core
68.90, 71.20, DFZ, WEAK, -, -, -, -, Weak brittle deformation
68.90, 71.20, FOL, WEAK, 40.00, -, -, -, Weak preferential alignment
68.90, 71.20, FRA, WEAK, -, -, -, -, Weak healed fracturing
71.20, 74.90, BRR, MOD, -, -, -, -, Moderate broken/fractured core
71.20, 74.90, DFZ, WEAK, -, -, -, -, Weak brittle deformation
71.20, 74.90, FRA, WEAK, -, -, -, -, Weak healed fracturing
74.90, 88.40, BRR, WEAK, -, -, -, -, Weak broken/fractured core
74.90, 88.40, DFZ, MOD, -, -, -, -, Moderate brittle deformation
74.90, 88.40, FOL, WEAK, 40.00, -, -, -, Weak preferential alignmnet at 40-50 TCA
74.90, 88.40, FRA, MOD, -, -, -, -, Moderate healed fracturing

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
72.80, 74.50, QTZ_2, 2.00, -, -, -, -, -, -, -, -, -, 2-3% irregular, chaotic and folded qtz-cal veinning

**Major:** **From:** 88.40 **To:** 94.80 I2D, Syénite

Composition: Medium pink, pinkish grey and purplish pink, fine grained and massive; I2D - Syenite. Magnetism: Weakly magnetic. Veinning: 2-3% irregular and chaotic qtz-cal-chl veinning and less than 1% Structure: Weak healed fracturing. Alteration: Moderate pervasive calcite alteration and weak hem. Mineralization: 0.5% Py occuring in clusters at vein near vein contacts and 1% chalcopyrite occuring in veins. Lower Contact: Gradational? Contact placed where texture suddenly change.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
88.40, 94.80, CAL+, PEN, MOD, -, -, -, Moderate pervasive calcite alteration
91.00, 94.00, HEM+, PAT, WEAK, -, -, -, Weak hem alteration occuring in vein margins

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
90.90, 94.10, QtzCalChl, 3.00, -, -, -, -, -, -, -, CPY, 1.00, 3% irregular and chaotic qtz-cal-chl veinning

**Major:** **From:** 94.80 **To:** 104.80 I2Dm, Mafic Syenite

Composition: Medium to dark green with patches of pale pinkish grey, fine grained and relatively massive and weakly chaotic; I2Dm - Mafic Syenite (NOT Northland amp-porph) Magnetism: Moderately magnetic. Veinning: 1% mm scale calcite veinlets. Structure: Weak brittle deformation, weak preferential alignment at 40-50 of healed fracture. Alteration: Weak stringers of calcite and chlorite alteration. Mineralization: None observed. Lower Contact: Relatively sharp but fractured.

**TEXTURE**
TYPE/COLOR/GRAIN_SIZE/COMMENTS

97.00, 100.00, POR, -, MGR, Local 10-20cm thick intervals that are porphyritic.

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
94.80, 104.80, DFZ, WEAK, 40.00, -, -, -, Weak parallel brittle deformation
94.80, 104.80, FOL, WEAK, 40.00, -, -, -, Weak preferential alignment
94.80, 104.80, FRA, WEAK, -, -, -, -, Weak healed fracturing

**Major:** **From:** 104.80 **To:** 111.00 I2D, Syénite

Composition: Medium pinkish brown, fine grained and massive; I2D - Syenite. Magnetism: Weakly magnetic Veinning: Rare calcite veinlets. Structure: Rare microfractures and weak broken core Alteration: Weak pervasive calcite Mineralization: 0.5% fine grained Py. Lower Contact: Sharp but irregular.

**MINOR INTERVAL**
107.40 - 110.10: I2DmComposition: Medium to dark green with patches of pale pinkish grey, fine grained and relatively massive and weakly chaotic; I2Dm - Mafic Syenite (NOT Northland amp-porph) 15% irregular intervals and vein-like patches of adjacant I2D - Syenite. Magnetism: Moderately magnetic. Veinning: 1-2% mm scale calcite veinlets. Structure: Weak chaotic brittle deformation and weak healed fracturing. Alteration: Weak stringers of calcite and chlorite alteration. Mineralization: None observed. Lower Contact: Relatively sharp but fractured.

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
107.40, 110.10, DFZ, WEAK, -, -, -, -, Weak chaotic brittle deformation

**Major:** **From:** 111.00 **To:** 115.30 I2Dm, Mafic Syenite

Composition: Dark green with minor pale pink, fine to medium grained; I2Dm - Mafic syenite Magnetism: Moderately magnetic. Veinning: 1-2% mm scale calcite veinlets. Structure: Relatively undeformed. Alteration: Weak calcite. Mineralization: None observed. Lower Contact: Relatively sharp but faintly visible. Contact placed where colours and textures suddenly change.

**Major:** **From:** 115.30 **To:** 158.60 I2D, Syénite

Composition: Medium pinkish and purplish grey, fine grained and massive; I2D - Syenite. Magnetism: Moderately magnetic Veinning: Rare calcite veinlets. Structure: Weak brittle deformation and fracturing. Alteration: Strong pervasive calcite alteration. Mineralization: 0.5% very fine grained disseminated Py observed locally. Lower Contact: Sharp and oriented at 50 TCA.

**TEXTURE**
TYPE/COLOR/GRAIN_SIZE/COMMENTS
115.30, 158.60, PRU, -, FGR, Moderate to strongly pitted and porous

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
115.30, 158.60, PYR, DIS, .50, -, VFG, 0.5-1% very fine grained disseminated Py, locally clustered in

**Hole number:** KLUC19-549

calcite veins

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
115.30, 147.00, CAL+, PEN, STRONG, -, -, -, Moderate to strong pervasive calcite alteration
147.00, 158.60, CAL+, PEN, MOD, -, -, -, Moderate pervasive calcite alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
115.30, 135.00, DFZ, WEAK, -, -, -, -, Weak brittle and chaotic deformation
115.30, 135.00, FRA, WEAK, -, -, -, -, Weak chaotic and random healed fracturing

**Major:** **From:** 158.60 **To:** 168.20 I2Dm, Mafic Syenite

Composition: Dark purplish grey with minor medium red patches and dark green patches,fine to medium grained, somewhat homogeneous but weakly chaotic; I2Dm - Mafic syenite Magnetism: Moderately magnetic. Veinning: 1-2% mm scale chaotic and discontinous calcite veinlets. Structure: Relatively undeformed with weak healed fracturing Alteration: Weak calcite and weak stringers of chl. Mineralization: None observed. Lower Contact: Not reached.

**MINOR INTERVAL**
160.80 - 161.80: I2DDark purplish red, fine grained and massive with 1-2% irregular pink calcite veins. I2D - Syenite.

**MINOR INTERVAL**
167.50 - 168.00: I2D

**TEXTURE**
TYPE/COLOR/GRAIN_SIZE/COMMENTS
158.60, 168.00, PRU, -, FGR, Moderate to strongly pitted and porous

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 15.5 | 18.0 | 9.00 | 100.00 | | | N | |
| 18.0 | 21.0 | 80.00 | 100.00 | | | N | |
| 21.0 | 24.0 | 58.00 | 100.00 | | | N | |
| 24.0 | 27.0 | 70.00 | 100.00 | | | N | |
| 27.0 | 30.0 | 57.00 | 100.00 | | | N | |
| 30.0 | 33.0 | 83.00 | 100.00 | | | N | |
| 33.0 | 36.0 | 67.00 | 100.00 | | | N | |
| 36.0 | 39.0 | 75.00 | 100.00 | | | N | |

**Hole number:** KLUC19-549

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 39.0 | 42.0 | 90.00 | 100.00 | | | N | |
| 42.0 | 45.0 | 87.00 | 100.00 | | | N | |
| 45.0 | 48.0 | 63.00 | 100.00 | | | N | |
| 48.0 | 51.0 | 92.00 | 100.00 | | | N | |
| 51.0 | 54.0 | 100.00 | 100.00 | | | N | |
| 54.0 | 57.0 | 85.00 | 100.00 | | | N | |
| 57.0 | 60.0 | 50.00 | 100.00 | | | N | |
| 60.0 | 63.0 | 73.00 | 100.00 | | | N | |
| 63.0 | 66.0 | 17.00 | 100.00 | | | N | |
| 66.0 | 69.0 | 42.00 | 100.00 | | | N | |
| 69.0 | 72.0 | 43.00 | 100.00 | | | N | |
| 72.0 | 75.0 | 43.00 | 100.00 | | | N | |
| 75.0 | 78.0 | 55.00 | 100.00 | | | N | |
| 78.0 | 81.0 | 80.00 | 100.00 | | | N | |
| 81.0 | 84.0 | 63.00 | 100.00 | | | N | |
| 84.0 | 87.0 | 57.00 | 100.00 | | | N | |
| 87.0 | 90.0 | 62.00 | 100.00 | | | N | |
| 90.0 | 93.0 | 83.00 | 100.00 | | | N | |
| 93.0 | 96.0 | 80.00 | 100.00 | | | N | |
| 96.0 | 99.0 | 95.00 | 100.00 | | | N | |
| 99.0 | 102.0 | 97.00 | 100.00 | | | N | |
| 102.0 | 105.0 | 80.00 | 100.00 | | | N | |
| 105.0 | 108.0 | 48.00 | 100.00 | | | N | |
| 108.0 | 111.0 | 67.00 | 100.00 | | | N | |
| 111.0 | 114.0 | 98.00 | 100.00 | | | N | |
| 114.0 | 117.0 | 67.00 | 100.00 | | | N | |
| 117.0 | 120.0 | 90.00 | 100.00 | | | N | |
| 120.0 | 123.0 | 77.00 | 100.00 | | | N | |

**Hole number:** KLUC19-549

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 123.0 | 126.0 | 97.00 | 100.00 | | | N | |
| 126.0 | 129.0 | 87.00 | 100.00 | | | N | |
| 129.0 | 132.0 | 88.00 | 100.00 | | | N | |
| 132.0 | 135.0 | 83.00 | 100.00 | | | N | |
| 135.0 | 138.0 | 88.00 | 100.00 | | | N | |
| 138.0 | 141.0 | 82.00 | 100.00 | | | N | |
| 141.0 | 144.0 | 90.00 | 100.00 | | | N | |
| 144.0 | 147.0 | 90.00 | 100.00 | | | N | |
| 147.0 | 150.0 | 98.00 | 100.00 | | | N | |
| 150.0 | 153.0 | 83.00 | 100.00 | | | N | |
| 153.0 | 156.0 | 93.00 | 100.00 | | | N | |
| 156.0 | 159.0 | 83.00 | 100.00 | | | N | |
| 159.0 | 162.0 | 82.00 | 100.00 | | | N | |
| 162.0 | 165.0 | 75.00 | 100.00 | | | N | |
| 165.0 | 168.0 | 97.00 | 100.00 | | | N | |

AGNICO EAGLE

# DRILL HOLE REPORT

## EXPLORATION CANADA ONTARIO

**Hole number:** KLUC19-550 **Project Number:** U_Canada **Project name:** Upper Canada

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Historic hole number:** | | **Collar survey:** | Y | **From:** | 0.0 | **Coordinates:** | P |
| **System:** | METRIC | **Verified:** | N | **To:** | 521.6 | **Grid:** | UTM83-17_CSRS-2010: |
| **Target:** | UC_UPPER_L_ZONE | **Gas:** | N | **Depth:** | 521.6 | **North:** | 5,332,850.44 |
| **No. Claim:** | PAT-18799 | **Multishot survey:** | Y | **Location:** | Surface | **East:** | 586,964.76 |
| **Year:** | 2 019 | **Is making water:** | N | **Core storage:** | Mine Site | **Elevation:** | 332.50 |
| **Date started:** | 2019-07-11 | **Object in hole:** | Y | **Contractor:** | Asinii Drilling | **Collar dip:** | -55.61 |
| **Date logged:** | 2019-07-28 | **Pulse EM survey:** | N | **Logged by:** | Melanie Bouchard | **Collar azimuth:** | 161.95 |
| **Date completed:** | 2019-07-17 | **Plugged:** | N | **Signature:** | Mélanie Bouchard | | |
| **Core size:** | NQ | **Cemented:** | N | | | | |
| **Hole type:** | EXP | **Branch:** | N | | | | |
| **Casing:** | Left in Hole, capped | **Reserve:** | N | | | | |
| **Logging status:** | Geological Logging | | | | | | |
| **Rig number:** | 2501 | | | | | | |

**Additional sizes and types:** **2nd Size:** BQ **2nd Type:** **2nd Depth:** 466.0 **3rd Size:** **3rd Type:**

**Comment:** Proposed hole: UCP19-045 third trial. New and improved Asinii II drill Rig: 2501. Targeting: Upper L zone. The hole is the third trial on the target UCP-045; it encountered a fault starting at 408m down to approx. 430m and the rods stuck at 466m; continued drilling with BQ down to approx. 523m when possibly they went into a stope, they hit iron and rods got stuck again; the hole stops there. Between 466 - 522m the following NQ material was left in hole: DRILL BIT, 2 x 18" REAMING SHELL, 2 x 3M HEX CORE BARREL, CARBIDE LOCKING COUPLING, LOCKING COUPLING ADAPTER 3M NQ DRILL RODS and BQ material left in hole: DRILL BIT, 10" REAMING SHELL, 3M ROUND CORE BARREL, CARBIDE LOCKING COUPLING, LOCKING COUPLING ADAPTER, STABILIZER R LANDING RING, 21 3M BQ DRILL RODS, INNER TUBE, CORE CASE, CORE SPRING, BACKEND. The hole was not cemented or plugged, left open for future wedging. M.Bouchard Logged 0 - 280 m A. Moldoveanu logged 280 - 522M

**Assay average**

| Average type | From | To | Length | Width | Zone | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Pb_ppm | Ni_ppm | As_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WEIGHTED | 202.4 | 203.5 | 1.1 | | | 0.990 | | | | | | |
| WEIGHTED | 332.5 | 334.0 | 1.5 | | | 0.925 | | | | | | |
| WEIGHTED | 480.0 | 481.0 | 1.0 | | | 1.035 | | | | | | |
| WEIGHTED | 499.0 | 500.0 | 1.0 | | | 4.770 | | | | | | |

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments | Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 161.95 | -55.61 | S | O | Collar direction surveyed | 0.0 | 163.16 | -57.09 | G | | North Seaker Gyro |
| 10.0 | 162.87 | -57.63 | G | O | North Seaker Gyro | 20.0 | 162.71 | -57.66 | G | O | North Seaker Gyro |
| 21.0 | 149.50 | -57.70 | ES | | ReflexEasyShotMulti-Shot | 24.0 | 153.00 | -57.60 | ES | | ReflexEasyShotMulti-Shot |
| 27.0 | 153.30 | -57.60 | ES | | ReflexEasyShotMulti-Shot | 30.0 | 152.60 | -57.60 | ES | | ReflexEasyShotMulti-Shot |

**Hole number:** KLUC19-550

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 30.0 | 162.81 | -57.62 | G | O | North Seaker Gyro |
| 33.0 | 151.30 | -57.60 | ES | | ReflexEasyShotMulti-Shot |
| 39.0 | 151.70 | -57.60 | ES | | ReflexEasyShotMulti-Shot |
| 42.0 | 151.70 | -57.60 | ES | | ReflexEasyShotMulti-Shot |
| 48.0 | 151.70 | -57.70 | ES | | ReflexEasyShotMulti-Shot |
| 51.0 | 151.00 | -57.70 | ES | | ReflexEasyShotMulti-Shot |
| 57.0 | 155.10 | -57.80 | ES | | ReflexEasyShotMulti-Shot |
| 60.0 | 152.60 | -57.80 | ES | | ReflexEasyShotMulti-Shot |
| 63.0 | 152.10 | -57.80 | ES | | ReflexEasyShotMulti-Shot |
| 69.0 | 152.10 | -57.70 | ES | | ReflexEasyShotMulti-Shot |
| 72.0 | 151.50 | -57.70 | ES | | ReflexEasyShotMulti-Shot |
| 78.0 | 151.00 | -57.60 | ES | | ReflexEasyShotMulti-Shot |
| 81.0 | 151.80 | -57.60 | ES | | ReflexEasyShotMulti-Shot |
| 87.0 | 152.30 | -57.50 | ES | | ReflexEasyShotMulti-Shot |
| 90.0 | 163.26 | -57.40 | G | O | North Seaker Gyro |
| 93.0 | 150.30 | -57.40 | ES | | ReflexEasyShotMulti-Shot |
| 99.0 | 150.00 | -57.30 | ES | | ReflexEasyShotMulti-Shot |
| 102.0 | 149.90 | -57.30 | ES | | ReflexEasyShotMulti-Shot |
| 108.0 | 149.20 | -57.30 | ES | | ReflexEasyShotMulti-Shot |
| 111.0 | 151.60 | -57.20 | ES | | ReflexEasyShotMulti-Shot |
| 117.0 | 152.30 | -57.20 | ES | | ReflexEasyShotMulti-Shot |
| 120.0 | 152.30 | -57.30 | ES | | ReflexEasyShotMulti-Shot |
| 123.0 | 150.70 | -57.20 | ES | | ReflexEasyShotMulti-Shot |
| 129.0 | 146.00 | -57.20 | ES | | ReflexEasyShotMulti-Shot |
| 132.0 | 152.20 | -57.20 | ES | | ReflexEasyShotMulti-Shot |
| 138.0 | 153.70 | -57.20 | ES | | ReflexEasyShotMulti-Shot |
| 141.0 | 154.50 | -57.30 | ES | | ReflexEasyShotMulti-Shot |
| 147.0 | 155.30 | -57.30 | ES | | ReflexEasyShotMulti-Shot |
| 150.0 | 164.43 | -57.38 | G | O | North Seaker Gyro |
| 153.0 | 155.70 | -57.30 | ES | | ReflexEasyShotMulti-Shot |
| 159.0 | 156.20 | -57.20 | ES | | ReflexEasyShotMulti-Shot |
| 162.0 | 157.10 | -57.30 | ES | | ReflexEasyShotMulti-Shot |
| 30.0 | 166.00 | -57.70 | EZ | | 54440 |
| 36.0 | 152.50 | -57.60 | ES | | ReflexEasyShotMulti-Shot |
| 40.0 | 162.80 | -57.71 | G | O | North Seaker Gyro |
| 45.0 | 151.70 | -57.70 | ES | | ReflexEasyShotMulti-Shot |
| 50.0 | 162.94 | -57.75 | G | O | North Seaker Gyro |
| 54.0 | 151.00 | -57.70 | ES | | ReflexEasyShotMulti-Shot |
| 60.0 | 162.40 | -57.70 | EZ | | 54726 |
| 60.0 | 163.09 | -57.79 | G | O | North Seaker Gyro |
| 66.0 | 153.30 | -57.80 | ES | | ReflexEasyShotMulti-Shot |
| 70.0 | 163.31 | -57.70 | G | O | North Seaker Gyro |
| 75.0 | 150.60 | -57.70 | ES | | ReflexEasyShotMulti-Shot |
| 80.0 | 163.34 | -57.58 | G | O | North Seaker Gyro |
| 84.0 | 153.00 | -57.50 | ES | | ReflexEasyShotMulti-Shot |
| 90.0 | 151.60 | -57.50 | ES | | ReflexEasyShotMulti-Shot |
| 90.0 | 162.80 | -57.50 | EZ | | 53465 |
| 96.0 | 151.40 | -57.30 | ES | | ReflexEasyShotMulti-Shot |
| 100.0 | 163.27 | -57.30 | G | O | North Seaker Gyro |
| 105.0 | 146.60 | -57.30 | ES | | ReflexEasyShotMulti-Shot |
| 110.0 | 163.45 | -57.29 | G | O | North Seaker Gyro |
| 114.0 | 151.70 | -57.20 | ES | | ReflexEasyShotMulti-Shot |
| 120.0 | 165.30 | -57.20 | EZ | | 54467 |
| 120.0 | 163.62 | -57.28 | G | O | North Seaker Gyro |
| 126.0 | 150.20 | -57.20 | ES | | ReflexEasyShotMulti-Shot |
| 130.0 | 163.76 | -57.28 | G | O | North Seaker Gyro |
| 135.0 | 152.90 | -57.20 | ES | | ReflexEasyShotMulti-Shot |
| 140.0 | 163.94 | -57.40 | G | O | North Seaker Gyro |
| 144.0 | 154.90 | -57.30 | ES | | ReflexEasyShotMulti-Shot |
| 150.0 | 154.80 | -57.30 | ES | | ReflexEasyShotMulti-Shot |
| 150.0 | 167.12 | -57.40 | EZ | | 55453 |
| 156.0 | 155.60 | -57.30 | ES | | ReflexEasyShotMulti-Shot |
| 160.0 | 164.14 | -57.31 | G | O | North Seaker Gyro |
| 165.0 | 155.30 | -57.30 | ES | | ReflexEasyShotMulti-Shot |

## Hole number: KLUC19-550

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 168.0 | 155.00 | -57.30 | ES | | ReflexEasyShotMulti-Shot |
| 171.0 | 154.90 | -57.40 | ES | | ReflexEasyShotMulti-Shot |
| 177.0 | 155.60 | -57.40 | ES | | ReflexEasyShotMulti-Shot |
| 180.0 | 157.90 | -57.40 | ES | | ReflexEasyShotMulti-Shot |
| 183.0 | 157.90 | -57.40 | ES | | ReflexEasyShotMulti-Shot |
| 189.0 | 158.60 | -57.50 | ES | | ReflexEasyShotMulti-Shot |
| 192.0 | 158.00 | -57.50 | ES | | ReflexEasyShotMulti-Shot |
| 210.0 | 164.30 | -57.38 | G | O | North Seaker Gyro |
| 220.0 | 164.29 | -57.29 | G | O | North Seaker Gyro |
| 240.0 | 161.90 | -57.10 | EZ | | 54716 |
| 250.0 | 164.06 | -57.05 | G | O | North Seaker Gyro |
| 270.0 | 167.20 | -56.90 | EZ | | 55177 |
| 280.0 | 164.07 | -56.90 | G | O | North Seaker Gyro |
| 300.0 | 165.80 | -56.70 | EZ | | 54600 |
| 310.0 | 164.27 | -56.61 | G | O | North Seaker Gyro |
| 330.0 | 167.50 | -56.40 | EZ | | 55314 |
| 340.0 | 164.30 | -56.38 | G | O | North Seaker Gyro |
| 360.0 | 162.50 | -56.00 | EZ | | 54621 |
| 370.0 | 164.39 | -56.16 | G | O | North Seaker Gyro |
| 390.0 | 144.20 | -56.10 | EZ | | 51280 |
| 400.0 | 164.51 | -55.88 | G | O | North Seaker Gyro |
| 410.0 | 164.54 | -55.84 | G | O | North Seaker Gyro |
| 420.0 | 164.50 | -55.74 | G | O | North Seaker Gyro |
| 440.0 | 164.39 | -55.56 | G | O | North Seaker Gyro |
| 450.0 | 164.30 | -55.38 | G | O | North Seaker Gyro |
| 470.0 | 163.67 | -54.69 | G | O | North Seaker Gyro |

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 170.0 | 164.18 | -57.32 | G | O | North Seaker Gyro |
| 174.0 | 155.50 | -57.40 | ES | | ReflexEasyShotMulti-Shot |
| 180.0 | 168.70 | -57.40 | EZ | | 55197 |
| 180.0 | 164.36 | -57.34 | G | O | North Seaker Gyro |
| 186.0 | 155.00 | -57.50 | ES | | ReflexEasyShotMulti-Shot |
| 190.0 | 164.37 | -57.39 | G | O | North Seaker Gyro |
| 200.0 | 164.29 | -57.38 | G | O | North Seaker Gyro |
| 210.0 | 161.60 | -57.20 | EZ | | 55116 |
| 230.0 | 164.16 | -57.23 | G | O | North Seaker Gyro |
| 240.0 | 164.13 | -57.08 | G | O | North Seaker Gyro |
| 260.0 | 164.11 | -56.98 | G | O | North Seaker Gyro |
| 270.0 | 164.07 | -56.94 | G | O | North Seaker Gyro |
| 290.0 | 164.13 | -56.82 | G | O | North Seaker Gyro |
| 300.0 | 164.16 | -56.71 | G | O | North Seaker Gyro |
| 320.0 | 164.19 | -56.55 | G | O | North Seaker Gyro |
| 330.0 | 164.20 | -56.50 | G | O | North Seaker Gyro |
| 350.0 | 164.35 | -56.31 | G | O | North Seaker Gyro |
| 360.0 | 164.27 | -56.22 | G | O | North Seaker Gyro |
| 380.0 | 164.41 | -56.10 | G | O | North Seaker Gyro |
| 390.0 | 164.51 | -55.96 | G | O | North Seaker Gyro |
| 405.0 | 165.90 | -55.70 | EZ | | 54056 |
| 420.0 | 164.40 | -55.60 | EZ | | 54499 |
| 430.0 | 164.34 | -55.66 | G | O | North Seaker Gyro |
| 450.0 | 162.50 | -55.30 | EZ | | 54349 |
| 460.0 | 164.29 | -55.10 | G | O | North Seaker Gyro |
| 480.0 | 163.46 | -54.31 | G | O | North Seaker Gyro |

| Certificate |
|---|
| TM19183523 |
| TM19186675 |
| TM19189249 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505D19-047 | Excaon1 | CAOND108501 - CAOND108572 |
| CXE5505D19-048 | Excaon1 | CAOND108573 - CAOND108845 |
| CXE5505D19-049 | Excaon1 | CAOND108846 - CAOND108992 |

*The sample list may content samples from other holes

| Sample number | Standard |
|---|---|
| CAOND108515 | CDN-CM-27-AEM |
| CAOND108520 | BLANK-DB |
| CAOND108530 | CDN-GS-5W |
| CAOND108545 | CDN-CM-28-AEM |

**Hole number:** KLUC19-550

| Sample number | Standard |
|---|---|
| CAOND108560 | CDN-CM-27-AEM |
| CAOND108570 | BLANK-DB |
| CAOND108575 | CDN-GS-5W |
| CAOND108590 | CDN-CM-28-AEM |
| CAOND108615 | CDN-CM-27-AEM |
| CAOND108620 | BLANK-DB |
| CAOND108630 | CDN-GS-5W |
| CAOND108645 | CDN-CM-28-AEM |
| CAOND108660 | CDN-CM-27-AEM |
| CAOND108670 | BLANK-DB |
| CAOND108675 | CDN-GS-5W |
| CAOND108690 | CDN-CM-28-AEM |
| CAOND108715 | CDN-CM-27-AEM |
| CAOND108720 | BLANK-DB |
| CAOND108730 | CDN-GS-5W |
| CAOND108745 | CDN-CM-28-AEM |
| CAOND108760 | CDN-CM-27-AEM |
| CAOND108770 | BLANK-DB |
| CAOND108775 | CDN-GS-5W |
| CAOND108790 | CDN-CM-28-AEM |
| CAOND108815 | CDN-CM-27-AEM |
| CAOND108820 | BLANK-DB |
| CAOND108830 | CDN-GS-5W |
| CAOND108845 | CDN-CM-28-AEM |
| CAOND108860 | CDN-CM-27-AEM |
| CAOND108870 | BLANK-DB |
| CAOND108875 | CDN-GS-5W |
| CAOND108890 | CDN-CM-28-AEM |
| CAOND108915 | CDN-CM-27-AEM |
| CAOND108920 | BLANK-DB |

**Major:** **From:** 0.00 **To:** 12.30 OVB, Overburden

Overburden / casing

## Hole number: KLUC19-550

**Major:** **From:** 12.30 **To:** 23.20 I2Dm, Mafic Syenite

Composition: Dark grey to greenish grey with pale pink patches, fine grained, heterogeneous and deformed; I2Dm - Syenite mafic. Magnetism: Moderate to strongly magnetic. Veinning: 1-2% mm scale random, chaotic and discontinous calcite veinlets. Structure: Moderate parallel brittle deformation at 40-50 TCA. Alteration: Moderate patchy calcite alteration and moderate chlorite alteration occuring as irregular stringers. Mineralization: None observed. Lower Contact: Sharp and irregular.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

12.30, 23.20, CAL+, PAT, MOD, -, -, -, Moderate patchy calcite alteration
12.30, 23.20, CHL+, STG, MOD, -, -, -, Moderate chl alteration occuring as stringers and patches

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

12.30, 23.20, DFZ, MOD, 40.00, -, -, -, Moderate chaotic, brittle deformation weakly parallel at 40-50 TCA.
12.30, 23.20, FOL, WEAK, 40.00, -, -, -, Weak preferential alignmnet at 40-50 TCA.
12.30, 23.20, FRA, WEAK, -, -, -, -, Weak microfracturing

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108501 | 12.4 | 13.5 | 1.1 | 0.066 | | | | |
| CAOND108502 | 13.5 | 15.0 | 1.5 | 0.179 | | | | |
| CAOND108503 | 15.0 | 16.5 | 1.5 | 0.026 | | | | |
| CAOND108504 | 16.5 | 18.0 | 1.5 | 0.039 | | | | |
| CAOND108505 | 18.0 | 19.5 | 1.5 | 0.048 | | | | |
| CAOND108506 | 19.5 | 21.0 | 1.5 | 0.029 | | | | |
| CAOND108507 | 21.0 | 22.0 | 1.0 | 0.053 | | | | |
| CAOND108508 | 22.0 | 23.2 | 1.2 | 0.084 | | | | |

**Major:** **From:** 23.20 **To:** 65.20 I2D, Syénite

Composition: Medium pinkish and purplish with rare dark green patches, fine grained and massive; I2D - Syenite. Magnetism: Moderately magnetic Veinning: 1-2% irregular qtz-cal-chl veinning and 1-2% mm scale fracture filling calcite veinlets. Structure: Rare brittle deformation and fracturing. Alteration: Strong pervasive calcite alteration. Mineralization: 0.5% very fine grained disseminated Py locally clustered. Lower Contact: Relatively sharp and oriented at 50 TCA.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

23.20, 65.20, PYR, DIS, .50, -, VFG, 0.5% very fine grained disseminated PY
51.50, 52.00, PYR, DIS, .50, -, VFG, 0.5% very fine grained disseminated PY
58.50, 59.00, CPY, PAT, .50, -, FGR, 0.5% fine grained chalcopyrite occuring in porous calcite veinlet

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

23.20, 65.20, CAL+, PEN, MOD, -, -, -, Moderate pervasive calcite alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

29.00, 36.00, BRR, WEAK, -, -, -, -, Weakly brokenéfractured core

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

61.00, 62.00, QTZ_2, 2.00, -, -, -, -, -, -, -, -, -, 2% irregular and chaotic qtz-cal veinning

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108509 | 23.2 | 24.5 | 1.3 | 0.013 | | | | |
| CAOND108510 | 24.5 | 26.0 | 1.5 | 0.037 | | | | |
| CAOND108511 | 26.0 | 27.5 | 1.5 | 0.033 | | | | |
| CAOND108512 | 27.5 | 29.0 | 1.5 | 0.007 | | | | |
| CAOND108513 | 29.0 | 30.5 | 1.5 | 0.007 | | | | |
| CAOND108514 | 30.5 | 32.0 | 1.5 | 0.003 | | | | |
| CAOND108516 | 32.0 | 33.5 | 1.5 | 0.013 | | | | |
| CAOND108517 | 33.5 | 35.0 | 1.5 | 0.050 | | | | |
| CAOND108518 | 35.0 | 36.5 | 1.5 | 0.104 | | | | |
| CAOND108519 | 36.5 | 38.0 | 1.5 | 0.024 | | | | |
| CAOND108521 | 38.0 | 39.5 | 1.5 | 0.033 | | | | |
| CAOND108522 | 39.5 | 41.0 | 1.5 | 0.022 | | | | |
| CAOND108523 | 41.0 | 42.5 | 1.5 | 0.109 | | | | |
| CAOND108524 | 42.5 | 44.0 | 1.5 | 0.030 | | | | |
| CAOND108526 | 44.0 | 45.5 | 1.5 | 0.055 | | | | |
| CAOND108527 | 45.5 | 47.0 | 1.5 | 0.034 | | | | |
| CAOND108528 | 47.0 | 48.5 | 1.5 | 0.053 | | | | |
| CAOND108529 | 48.5 | 50.0 | 1.5 | 0.022 | | | | |

**Hole number:** KLUC19-550

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108531 | 50.0 | 51.5 | 1.5 | 0.026 | | | | |
| CAOND108532 | 51.5 | 53.0 | 1.5 | 0.189 | | | | |
| CAOND108533 | 53.0 | 54.5 | 1.5 | 0.014 | | | | |
| CAOND108534 | 54.5 | 56.0 | 1.5 | 0.017 | | | | |
| CAOND108535 | 56.0 | 57.5 | 1.5 | 0.016 | | | | |
| CAOND108536 | 57.5 | 59.0 | 1.5 | 0.084 | | | | |
| CAOND108537 | 59.0 | 60.0 | 1.0 | 0.103 | | | | |
| CAOND108538 | 60.0 | 61.0 | 1.0 | 0.053 | | | | |
| CAOND108539 | 61.0 | 62.0 | 1.0 | 0.055 | | | | |
| CAOND108540 | 62.0 | 63.0 | 1.0 | 0.030 | | | | |
| CAOND108541 | 63.0 | 64.0 | 1.0 | 0.341 | | | | |
| CAOND108542 | 64.0 | 65.2 | 1.2 | 0.166 | | | | |

**Major:** **From:** 65.20 **To:** 68.00 I2Dp, Porphyritic Syenite

Composition: Medium purplish grey and salmon pink, medium grained and porphyritic; I2Dp - Syenite porphyry. Magnetism: None magnetic with local weak weak magnetism. Veinning: Rare porous calcite veins. Structure: Weak brittle deformation and healed microfracturing. Alteration: Moderate pervasive calcite alteration and weak pink kspar alt. locally. Mineralization: 0.5% fine grained disseminated Py. Lower Contact: Sharp and straight; oriented at 50 TCA. 10cm thick brecciated interval between the two intrusions.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

65.20, 68.00, PYR, DIS, .50, -, FGR, 0.5% fine grained disseminated PY

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

65.20, 68.00, CAL+, PEN, MOD, -, -, -, Moderate pervasive calcite alteration
66.20, 68.00, KFS+, PEN, WEAK, -, -, -, Weak pinkish alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

65.20, 68.00, DFZ, WEAK, -, -, -, -, Weak brittle deformation
65.20, 68.00, FRA, WEAK, -, -, -, -, Weak healed microfracturing throughout
66.00, 68.00, BRR, WEAK, -, -, -, -, Weak broken/fractured core

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108543 | 65.2 | 66.0 | 0.8 | 0.019 | | | | |
| CAOND108544 | 66.0 | 67.0 | 1.0 | 0.230 | | | | |
| CAOND108546 | 67.0 | 68.0 | 1.0 | 0.104 | | | | |

**Major:** **From:** 68.00 **To:** 88.40 I2Dm, Mafic Syenite

Composition: Dark grey to greenish grey with medium purplish pink patches, fine grained, heterogeneous, chaotic and deformed; I2Dm - Syenite mafic.Appears as a chaotic melange of various intrusions and sediment? Magnetism: Strongly magnetic. Veinning: 2-3% mm scale random, chaotic and

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108547 | 68.0 | 69.0 | 1.0 | 0.041 | | | | |
| CAOND108548 | 69.0 | 69.9 | 0.9 | 0.061 | | | | |

**Hole number:** KLUC19-550

discontinous calcite veinlets. Structure: Moderate chaotic brittle deformation with weak preferential alignment at 50-60 TCA. Alteration: Moderate patchy calcite alteration and moderate chlorite alteration occuring as irregular stringers. Calcite alteration is moderately pitted and porous. Mineralization: Rare to trace amounts of disseminated PY. Lower Contact: Sharp but slightly irregular.

**MINOR INTERVAL**

69.90 - 72.50: I2DMedium purplish and pinkish grey, fine grained, massive and weakly porous and pitted. 1% irregular porous calcite veining and 0.1% very fine grained disseminated Py. Contacts sharp but irregular.

**MINOR INTERVAL**

73.50 - 74.10: I2DMedium purplish and pinkish grey, fine grained, massive and weakly porous and pitted. 1% irregular porous calcite veining and 0.1% very fine grained disseminated Py. Contacts sharp but irregular.

**TEXTURE**

TYPE/COLOR/GRAIN_SIZE/COMMENTS

68.00, 88.40, PRU, -, FGR, Calcite alteration and veins are moderately pitted and porous
83.50, 85.00, POR, -, MGR, Minor interval with porphyritic texture

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

68.00, 69.90, CAL+, PAT, MOD, -, -, -, Moderate patchy calcite alteration
68.00, 69.90, CHL+, STG, MOD, -, -, -, Moderate chlorite alteration occuring as mm scale discontinuous stringers
68.00, 69.90, SER+, STG, MOD, -, -, -, Moderate sericite alteration occuring as mm scale discontinuous stringers
69.90, 72.50, CAL+, PEN, MOD, -, -, -, Moderate pervasive calcite
72.50, 73.50, CAL+, PAT, WEAK, -, -, -, Weak patchy calcite alteration
72.50, 73.50, CHL+, STG, WEAK, -, -, -, Weak stringers of chl
73.50, 74.10, CAL+, PEN, MOD, -, -, -, Moderate pervasive calcite alteration
74.10, 88.40, CAL+, PAT, MOD, -, -, -, Moderate patchy calcite alteration
74.10, 88.40, CHL+, STG, MOD, -, -, -, Moderate chlorite alteration occuring as mm scale discontinuous stringers

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

68.00, 70.00, BRR, WEAK, -, -, -, -, Weak broken/fractured core
68.00, 69.90, DFZ, MOD, -, -, -, -, Moderate chaotic brittle deformation
68.00, 69.90, FOL, WEAK, 40.00, -, -, -, Weak preferential alignment at 40-50 TCA.
68.00, 69.90, FRA, MOD, -, -, -, -, Moderate healed microfracturing
72.50, 73.50, DFZ, WEAK, -, -, -, -, Weak brittle deformation
74.10, 78.00, DFZ, MOD, -, -, -, -, Moderate chaotic brittle deformation
74.10, 78.00, FOL, WEAK, 50.00, -, -, -, Weak preferential alignmnet at 50-60 TCA.
74.10, 78.00, FRA, MOD, -, -, -, -, Moderate healed fracturing

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108549 | 69.9 | 71.0 | 1.1 | 0.022 | | | | |
| CAOND108551 | 71.0 | 72.5 | 1.5 | 0.029 | | | | |
| CAOND108552 | 72.5 | 73.5 | 1.0 | 0.034 | | | | |
| CAOND108553 | 73.5 | 74.1 | 0.6 | 0.091 | | | | |
| CAOND108554 | 74.1 | 75.0 | 0.9 | 0.016 | | | | |
| CAOND108555 | 75.0 | 76.5 | 1.5 | 0.034 | | | | |
| CAOND108556 | 76.5 | 78.0 | 1.5 | 0.032 | | | | |
| CAOND108557 | 78.0 | 79.5 | 1.5 | 0.061 | | | | |
| CAOND108558 | 79.5 | 81.0 | 1.5 | 0.005 | | | | |
| CAOND108559 | 81.0 | 82.5 | 1.5 | 0.014 | | | | |
| CAOND108561 | 82.5 | 84.0 | 1.5 | 0.017 | | | | |
| CAOND108562 | 84.0 | 85.5 | 1.5 | 0.265 | | | | |
| CAOND108563 | 85.5 | 87.0 | 1.5 | 0.156 | | | | |
| CAOND108564 | 87.0 | 88.4 | 1.4 | 0.015 | | | | |

## Hole number: KLUC19-550

**Major:** **From:** 88.40 **To:** 94.20 I2D, Syénite

Composition: Dark purplish pink and medium pinkish grey, fine grained, homogeneous and massive; I2D - Syenite. Magnetism: None magnetic. Veinning: 1% mm scale chaotic calcite veins and 2x 1cm thick qtz-cal vein. Structure: Rare brittle deformation and fracturing. Alteration: Weak pervasive calcite alteration. Mineralization: 1% patchy chalcopyrite occuring in qtz-cal vein. Lower Contact: Sharp but irregular.

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

88.40, 94.20, CAL+, PEN, WEAK, -, -, -, Weak to moderate pervasive calcite alteration

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

90.80, 90.90, QTZ_2, 10.00, -, -, -, -, -, -, -, CPY, 1.00, 1x 1cm thick white qtz-cal veinning with 1% patchy chalcopyrite

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108565 | 88.4 | 89.5 | 1.1 | 0.041 | | | | |
| CAOND108566 | 89.5 | 91.0 | 1.5 | 0.007 | | | | |
| CAOND108567 | 91.0 | 92.5 | 1.5 | 0.006 | | | | |
| CAOND108568 | 92.5 | 93.5 | 1.0 | 0.006 | | | | |
| CAOND108569 | 93.5 | 94.2 | 0.7 | 0.009 | | | | |

**Major:** **From:** 94.20 **To:** 105.10 I2Dm, Mafic Syenite

Composition: Dark greenish grey to purplish grey with medium purplish red patches, fine grained, heterogeneous, chaotic and deformed, local minor porphyritic texutre; I2Dm - Syenite mafic. Appears as a chaotic melange of various intrusions and possibly sediment? Magnetism: Strongly magnetic. Veinning: 2-3% mm scale random, chaotic and discontinous calcite veinlets. Structure: Moderate chaotic brittle deformation with weak preferential alignment at 40-50 TCA. Alteration: Moderate patchy calcite alteration. Mineralization: Rare to trace amounts of disseminated PY. Lower Contact: Sharp and straight oriented at 50 TCA.

**TEXTURE**

TYPE/COLOR/GRAIN_SIZE/COMMENTS

94.20, 105.10, POR, -, MGR, Minor interval with porphyritic texture

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

94.20, 105.10, CAL+, PAT, WEAK, -, -, -, Weak to moderate patchy calcite alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

94.20, 105.10, BRR, WEAK, 40.00, -, -, -, Weak preferential alignment
94.20, 105.10, DFZ, MOD, -, -, -, -, Moderate chaotic and brittle deformation
94.20, 105.10, FRA, WEAK, -, -, -, -, Weak healed microfracturing

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108571 | 94.2 | 95.5 | 1.3 | 0.044 | | | | |
| CAOND108572 | 95.5 | 97.0 | 1.5 | 0.007 | | | | |
| CAOND108573 | 97.0 | 98.5 | 1.5 | 0.011 | | | | |
| CAOND108574 | 98.5 | 100.0 | 1.5 | 0.024 | | | | |
| CAOND108576 | 100.0 | 101.5 | 1.5 | 0.035 | | | | |
| CAOND108577 | 101.5 | 103.0 | 1.5 | 0.115 | | | | |
| CAOND108578 | 103.0 | 104.0 | 1.0 | 0.009 | | | | |
| CAOND108579 | 104.0 | 105.1 | 1.1 | 0.025 | | | | |

**Major:** **From:** 105.10 **To:** 110.40 I2D, Syénite

Composition: Medium pinkish brown to pinkish orange, fine grained, homogeneous and massive; I2D - Syenite. Magnetism: Moderately magnetic. Veinning: <1% mm scale calcite veinlets. Structure: Rare brittle deformation and fracturing. Alteration: Weak pervasive calcite alteration. Mineralization: None

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108581 | 105.1 | 106.4 | 1.3 | 0.005 | | | | |
| CAOND108582 | 106.4 | 107.7 | 1.3 | 0.008 | | | | |

**Hole number:** KLUC19-550

observed Lower Contact: Sharp but irregular.

**MINOR INTERVAL**

107.70 - 109.70: I2DmComposition: Dark greenish grey with pink spots fine grained, heterogeneous, chaotic and deformed, local minor porphyritic texutre; I2Dm - Syenite mafic. Magnetism: Strongly magnetic. Veinning: 2-3% mm scale random, chaotic and discontinous calcite veinlets. Structure: Moderate chaotic brittle deformation. Alteration: Weak patchy calcite alteration. Mineralization: None observed Lower Contact: Sharp and straight oriented at 40 TCA.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108583 | 107.7 | 108.7 | 1.0 | 0.061 | | | | |
| CAOND108584 | 108.7 | 109.7 | 1.0 | 0.029 | | | | |
| CAOND108585 | 109.7 | 110.4 | 0.7 | 0.008 | | | | |

**Major:** **From:** 110.40 **To:** 115.20 I2Dm, Mafic Syenite

Composition: Dark purple and dark green, fine to medium grained, weakly chaotic and locally porphyritic; I2Dm - Mafic Syenite. Magnetism: Moderately magnetic. Veinning: <1% mm scale discontinous calcite veinlets. Structure: Undeformed. Alteration: Relatively unaltered? Mineralization: None observed Lower Contact: Faintly visible.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108586 | 110.4 | 111.5 | 1.1 | 0.046 | | | | |
| CAOND108587 | 111.5 | 113.0 | 1.5 | 0.024 | | | | |
| CAOND108588 | 113.0 | 114.0 | 1.0 | 0.005 | | | | |
| CAOND108589 | 114.0 | 115.2 | 1.2 | 0.047 | | | | |

**Major:** **From:** 115.20 **To:** 161.00 I2D, Syénite

Composition: Dark purple, medium purplish grey, pale pinkish grey, fine grained, massive and homogeneous; I2D - Syenite. Magnetism: Moderately magnetic. Veinning: <1% random calcite veins. Structure: Rare brittle deformation and healed fracturing. Alteration: Weak gradually increasing to strong calcite alteration. Mineralization: 0.1-0.5% very fine and fine grained disseminated Py. Lower Contact: Sharp and oriented at 50 TCA.

**MINOR INTERVAL**

158.10 - 160.50: I2DmAltBxMinor interval of brecciated? chaotic mixture of I2D and I2Dm

**TEXTURE**

TYPE/COLOR/GRAIN_SIZE/COMMENTS

115.20, 146.00, PRU, -, FGR, Moderately pitted and porous

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

125.80, 134.00, PYR, DIS, .50, -, VFG, 0.5% very fine grained disseminated PY
134.00, 137.00, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated Py
137.00, 142.00, PYR, DIS, .50, -, VFG, 0.5-1% very fine grained disseminated PY
142.00, 142.50, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated Py
142.50, 146.00, PYR, DIS, .50, -, VFG, 0.5-1% very fine grained disseminated PY

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

115.20, 147.00, CAL+, PEN, MOD, -, -, -, Moderate to strong pervasive pitted calcite alteration
147.00, 161.00, CAL+, PEN, WEAK, -, -, -, Weak pervasive calcite alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108591 | 115.2 | 116.5 | 1.3 | 0.132 | | | | |
| CAOND108592 | 116.5 | 118.0 | 1.5 | 0.051 | | | | |
| CAOND108593 | 118.0 | 119.5 | 1.5 | 0.028 | | | | |
| CAOND108594 | 119.5 | 121.0 | 1.5 | 0.224 | | | | |
| CAOND108595 | 121.0 | 122.5 | 1.5 | 0.155 | | | | |
| CAOND108596 | 122.5 | 124.0 | 1.5 | 0.112 | | | | |
| CAOND108597 | 124.0 | 125.5 | 1.5 | 0.052 | | | | |
| CAOND108598 | 125.5 | 127.0 | 1.5 | 0.107 | | | | |
| CAOND108599 | 127.0 | 128.5 | 1.5 | 0.066 | | | | |
| CAOND108601 | 128.5 | 130.0 | 1.5 | 0.107 | | | | |
| CAOND108602 | 130.0 | 131.5 | 1.5 | 0.442 | | | | |
| CAOND108603 | 131.5 | 133.0 | 1.5 | 0.066 | | | | |
| CAOND108604 | 133.0 | 134.5 | 1.5 | 0.141 | | | | |
| CAOND108605 | 134.5 | 136.0 | 1.5 | 0.170 | | | | |
| CAOND108606 | 136.0 | 137.5 | 1.5 | 0.222 | | | | |
| CAOND108607 | 137.5 | 139.0 | 1.5 | 0.032 | | | | |
| CAOND108608 | 139.0 | 140.5 | 1.5 | 0.113 | | | | |
| CAOND108609 | 140.5 | 142.0 | 1.5 | 0.111 | | | | |
| CAOND108610 | 142.0 | 143.5 | 1.5 | 0.358 | | | | |
| CAOND108611 | 143.5 | 145.0 | 1.5 | 0.102 | | | | |
| CAOND108612 | 145.0 | 146.5 | 1.5 | 0.005 | | | | |

**Hole number:** KLUC19-550

115.20, 158.10, FRA, WEAK, -, -, -, -, Weak healed microfracturing

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108613 | 146.5 | 148.0 | 1.5 | 0.054 | | | | |
| CAOND108614 | 148.0 | 149.5 | 1.5 | 0.017 | | | | |
| CAOND108616 | 149.5 | 151.0 | 1.5 | 0.028 | | | | |
| CAOND108617 | 151.0 | 152.5 | 1.5 | 0.038 | | | | |
| CAOND108618 | 152.5 | 154.0 | 1.5 | 0.008 | | | | |
| CAOND108619 | 154.0 | 155.5 | 1.5 | 0.031 | | | | |
| CAOND108621 | 155.5 | 157.0 | 1.5 | 0.009 | | | | |
| CAOND108622 | 157.0 | 158.0 | 1.0 | 0.012 | | | | |
| CAOND108623 | 158.0 | 159.5 | 1.5 | 0.023 | | | | |
| CAOND108624 | 159.5 | 160.5 | 1.0 | 0.151 | | | | |
| CAOND108626 | 160.5 | 161.0 | 0.5 | 0.067 | | | | |

**Major:** **From:** 161.00 **To:** 165.50 I2Dm, Mafic Syenite

Composition: Dark green with minor darkish purple, fine grained, weakly chaotic and heterogenous; I2Dm - Mafic syenite. Magnetism: Moderate to strongly magnetic. Veinning: 1-2% mm scale caclite veining. Structure: Weak chaotic deformation. Alteration: Moderate patchy calcite. Mineralization: None observed. Lower Contact: Sharp and irregular.

**MINOR INTERVAL**

162.30 - 162.40: I2D10cm thick irregular syenite

**MINOR INTERVAL**

165.00 - 165.20: I2D20cm thick syenite with irregular contactss and 5% irregular and chaotic qtz-cal vein

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

165.00, 165.50, CAL+, PEN, WEAK, -, -, -, Weak pervasive calcite alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108627 | 161.0 | 162.0 | 1.0 | 0.005 | | | | |
| CAOND108628 | 162.0 | 162.5 | 0.5 | 0.098 | | | | |
| CAOND108629 | 162.5 | 164.0 | 1.5 | 0.059 | | | | |
| CAOND108631 | 164.0 | 164.8 | 0.8 | 0.080 | | | | |
| CAOND108632 | 164.8 | 165.5 | 0.7 | 0.043 | | | | |

**Major:** **From:** 165.50 **To:** 171.10 I2D, Syénite

Composition: Dark purple, greenish and brownish grey, fine grained and massive; I2D - Syenite Magnetism: Moderately magnetic. Veinning: <1% mm scale calcite veinlets. Structure: Rare healed fracturing. Alteration: Weak pervasive calcite alteration gradually becoming moderate. Mineralization: Rare very fine grained dissminated PY Lower Contact: Gradational contact placed where textures become chaotic and brecciated.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

169.00, 170.00, PYR, DIS, .50, -, VFG, 0.5% very fine grained disseminated PY

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108633 | 165.5 | 167.0 | 1.5 | 0.561 | | | | |
| CAOND108634 | 167.0 | 168.5 | 1.5 | 0.018 | | | | |
| CAOND108635 | 168.5 | 170.0 | 1.5 | 0.123 | | | | |
| CAOND108636 | 170.0 | 171.1 | 1.1 | 0.321 | | | | |

**Hole number:** KLUC19-550

165.50, 168.00, CAL+, PEN, WEAK, -, -, -, Weak pervasive calcite alteration
168.00, 171.00, CAL+, PEN, MOD, -, -, -, Moderate pervasive calcite alteration
171.00, 171.10, CAL+, PAT, MOD, -, -, -, Moderate patchy calcite alteration
171.00, 171.10, CHL+, STG, MOD, -, -, -, Moderate stringers of chl alteration

**Major:** **From:** 171.10 **To:** 214.00 I2DAltBx, Syenite Alteration Breccia

Composition: Various shades of pink, purple, browns and green,; chaotic, deformed, brecciated and altered melange of I2D, I2Dm and minor to rare V8t?; I2DAltBx - Syenite alteration breccia. Magnetism: Moderately magnetic. Veinning: <1% mm scale irregular and discontinous calcite veinning. Structure: moderate to stronger brecciated aspect Alteration: Moderate to strong patchy calcite alteration and moderate to strong stringers of Chl. Mineralization: 0.1-0.5% very fine grained disseminated Py. Lower Contact: Gradational. Contact placed where intrusion appears to be massive and no longer brecciated.

**MINOR INTERVAL**

188.40 - 195.20: I2DpPossible weakly porphyritic syenite porphyry intrusive? Contact are faintly visible. Appears less deformed and altered than adjacant major unit.

**TEXTURE**

TYPE/COLOR/GRAIN_SIZE/COMMENTS

180.00, 193.00, PRU, -, FGR, Moderately pitted / porous texture in patches and veins of calcite

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

178.00, 180.00, PYR, DIS, 1.00, -, VFG, 1% very fine grained disseminated PY
188.50, 195.20, PYR, DIS, 1.00, -, VFG, 0.5-1% very fine grained disseminated PY
197.00, 213.00, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained disseminated PY
198.00, 203.00, CPY, PAT, 1.00, -, FGR, 0.5-1% fine grained chalcopyrite patches occuring in veins
209.00, 213.00, GAL, PAT, .10, -, FGR, 0,1-0,5% fine grained galena locally clustered in carb veins and patches

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

171.10, 180.00, CAL+, PAT, MOD, -, -, -, Moderate patchy calcite alteration
171.10, 180.00, CHL+, STG, MOD, -, -, -, Moderate stringers of chl alteration
180.00, 188.50, CAL+, PAT, STRONG, -, -, -, Strong patchy calcite alteration
188.50, 214.00, CAL+, PAT, MOD, -, -, -, Weak to moderate patchy calcite alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

171.10, 180.00, FOL, WEAK, -, -, -, -, Weak preferential alignmnet at 40-50 TCA
171.10, 213.00, DFZ, MOD, -, -, -, -, Moderate to strong deformation, dominantly chaotic and brecciated with minor preferential alignmnet at 40-50 TCA.
180.00, 198.00, BRC, WEAK, -, -, -, -, Weak to moderate brecciation due to appearance of patches of alteration, and brittle deformation

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108637 | 171.1 | 172.5 | 1.4 | 0.341 | | | | |
| CAOND108638 | 172.5 | 174.0 | 1.5 | 0.118 | | | | |
| CAOND108639 | 174.0 | 175.5 | 1.5 | 0.044 | | | | |
| CAOND108640 | 175.5 | 177.0 | 1.5 | 0.012 | | | | |
| CAOND108641 | 177.0 | 178.5 | 1.5 | 0.030 | | | | |
| CAOND108642 | 178.5 | 180.0 | 1.5 | 0.066 | | | | |
| CAOND108643 | 180.0 | 181.5 | 1.5 | 0.080 | | | | |
| CAOND108644 | 181.5 | 183.0 | 1.5 | 0.306 | | | | |
| CAOND108646 | 183.0 | 184.5 | 1.5 | 0.113 | | | | |
| CAOND108647 | 184.5 | 186.0 | 1.5 | 0.046 | | | | |
| CAOND108648 | 186.0 | 187.5 | 1.5 | 0.027 | | | | |
| CAOND108649 | 187.5 | 188.4 | 0.9 | 0.093 | | | | |
| CAOND108651 | 188.4 | 189.5 | 1.1 | 0.483 | | | | |
| CAOND108652 | 189.5 | 191.0 | 1.5 | 0.340 | | | | |
| CAOND108653 | 191.0 | 192.5 | 1.5 | 0.118 | | | | |
| CAOND108654 | 192.5 | 194.0 | 1.5 | 0.019 | | | | |
| CAOND108655 | 194.0 | 195.5 | 1.5 | 0.072 | | | | |
| CAOND108656 | 195.5 | 197.0 | 1.5 | 0.300 | | | | |
| CAOND108657 | 197.0 | 198.5 | 1.5 | 0.104 | | | | |
| CAOND108658 | 198.5 | 200.0 | 1.5 | 0.603 | | | | |
| CAOND108659 | 200.0 | 201.5 | 1.5 | 0.320 | | | | |
| CAOND108661 | 201.5 | 202.4 | 0.9 | 0.088 | | | | |
| CAOND108662 | 202.4 | 203.5 | 1.1 | 0.990 | | | | |
| CAOND108663 | 203.5 | 205.0 | 1.5 | 0.255 | | | | |
| CAOND108664 | 205.0 | 206.5 | 1.5 | 0.120 | | | | |
| CAOND108665 | 206.5 | 208.0 | 1.5 | 0.150 | | | | |
| CAOND108666 | 208.0 | 209.5 | 1.5 | 0.077 | | | | |
| CAOND108667 | 209.5 | 211.0 | 1.5 | 0.113 | | | | |
| CAOND108668 | 211.0 | 212.5 | 1.5 | 0.035 | | | | |

**Hole number:** KLUC19-550

198.00, 202.50, BRC, MOD, -, -, -, -, Weak to moderate brecciation due to brittle fracutring
202.50, 213.00, BRC, WEAK, -, -, -, -, Weak to moderate mechanical and chemical brecciation
203.40, 211.00, FOL, WEAK, 30.00, -, -, -, Weak preferential alignment at 30-40 TCA
205.60, 206.30, BRR, MOD, -, -, -, -, Moderate broken/fractured core into 1-3cm thick angular pieces

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS
198.00, 204.00, QTZ_2, 2.00, -, -, -, -, -, -, -, CPY, 1.00, 2-3% mm scale random qtz-carb veinning with 0.5% Cp clustered in veins with locally up to 3% Cp

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108669 | 212.5 | 214.0 | 1.5 | 0.043 | | | | |

**Major:** **From:** 214.00 **To:** 280.00 I2D, Syénite

Composition: Medium to dark purple-grey with medium pink patches with minor intervals more pinkish, fine grained, homogeneous and massive; I2D - Syenite. Magnetism: Moderately magnetic. Veinning: 1-2% irregular and chaotic pitted calcite veins throughout with local clusters of 2-3% qtz-cal veinning. Structure: Undeformed with rare healed fracturing. Alteration: Weak to moderate locally strong pervasive calcite alteration with local intervals of pervasive moderate kspar alteration. Mineralization: Rare to trace very fine grained disseminated PY. Lower Contact:

**MINOR INTERVAL**
256.10 - 257.80: V8mtComposition: Dark green with patches of medium grey, heterogeneous, fine to medium grained; V8mt - Trachyte mafic tuff. Magnetism: Strongly magnetic. Veinning: 20% white qtz veinning crosscutting deformation. Structure: Moderate parallel deformation oriented at 40-50 TCA. Alteration: Strong pervasive chl, weak patch calcite and moderate stringers of sericite. Mineralization: 0.1-0.5% very fine grained Py locally clustered at vein contact and rare galena. Lower Contact: Sharp and slightly irregular; trending at 40 TCA.

**TEXTURE**
TYPE/COLOR/GRAIN_SIZE/COMMENTS
272.00, 277.00, POR, -, MGR, Weakly porphyritic

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
214.00, 215.20, PYR, DIS, .50, -, VFG, 0.5% very fine grained disseminated PY
218.00, 219.00, PYR, DIS, .50, -, VFG, 0.5% very fine grained disseminated PY
220.50, 221.50, PYR, DIS, .50, -, VFG, 0.5% very fine grained disseminated PY
238.80, 245.50, PYR, PAT, .50, -, VFG, 0.5% fine grained Py occuring in clusters in fractures and veins
255.50, 256.10, PYR, DIS, 1.00, -, VFG, 1% very fine grained disseminated PY
256.10, 257.80, GAL, PAT, .10, -, VFG, Rare galena in fracture of vein and at contacts
256.10, 257.80, PYR, DIS, .50, -, VFG, 0.5% very fine grained Py clustered at contacts of veins
257.80, 280.00, PYR, DIS, .10, -, VFG, 0.1-0.5% very fine grained disseminated PY
278.00, 280.00, CPY, DIS, .50, -, VFG, 0.5% dissminated to spotted chalcopyrite

**ALTERATION**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108671 | 214.0 | 215.5 | 1.5 | 0.355 | | | | |
| CAOND108672 | 215.5 | 217.0 | 1.5 | 0.392 | | | | |
| CAOND108673 | 217.0 | 218.5 | 1.5 | 0.816 | | | | |
| CAOND108674 | 218.5 | 220.0 | 1.5 | 0.265 | | | | |
| CAOND108676 | 220.0 | 221.5 | 1.5 | 0.270 | | | | |
| CAOND108677 | 221.5 | 223.0 | 1.5 | 0.226 | | | | |
| CAOND108678 | 223.0 | 224.5 | 1.5 | 0.227 | | | | |
| CAOND108679 | 224.5 | 226.0 | 1.5 | 0.037 | | | | |
| CAOND108681 | 226.0 | 227.5 | 1.5 | 0.463 | | | | |
| CAOND108682 | 227.5 | 229.0 | 1.5 | 0.041 | | | | |
| CAOND108683 | 229.0 | 230.5 | 1.5 | 0.318 | | | | |
| CAOND108684 | 230.5 | 232.0 | 1.5 | 0.270 | | | | |
| CAOND108685 | 232.0 | 233.5 | 1.5 | 0.099 | | | | |
| CAOND108686 | 233.5 | 235.0 | 1.5 | 0.082 | | | | |
| CAOND108687 | 235.0 | 236.5 | 1.5 | 0.129 | | | | |
| CAOND108688 | 236.5 | 238.0 | 1.5 | 0.081 | | | | |
| CAOND108689 | 238.0 | 239.5 | 1.5 | 0.164 | | | | |
| CAOND108691 | 239.5 | 241.0 | 1.5 | 0.124 | | | | |
| CAOND108692 | 241.0 | 242.5 | 1.5 | 0.040 | | | | |
| CAOND108693 | 242.5 | 244.0 | 1.5 | 0.049 | | | | |
| CAOND108694 | 244.0 | 245.5 | 1.5 | 0.072 | | | | |
| CAOND108695 | 245.5 | 247.0 | 1.5 | 0.057 | | | | |
| CAOND108696 | 247.0 | 248.5 | 1.5 | 0.069 | | | | |
| CAOND108697 | 248.5 | 250.0 | 1.5 | 0.054 | | | | |

**Hole number:** KLUC19-550

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
214.00, 240.00, CAL+, PEN, MOD, -, -, -, Moderate pervasive calcite alteration
240.00, 245.00, CAL+, PEN, STRONG, -, -, -, Strong patchy to pervasive calcite alteration
240.00, 245.00, CHL+, PAT, MOD, -, -, -, Moderate patchy chl alt
240.00, 246.00, KFS+, PAT, WEAK, -, -, -, Weak patchy kspar alteration
245.00, 280.00, CAL+, PEN, MOD, -, -, -, Moderate pervasive calcite alteration
247.00, 255.00, CHL+, PAT, MOD, -, -, -, Moderate random patches of chl alt
247.00, 255.00, KFS+, PAT, WEAK, -, -, -, Weak patchy kspar alteration
256.10, 257.80, BTI+, SPO, WEAK, -, -, -, Weak spotted biotite alteration
256.10, 257.80, CAL+, PAT, WEAK, -, -, -, Weak to moderate patchy and spotted calcite alteration
256.10, 257.80, CHL+, PEN, STRONG, -, -, -, Strong pervasive chlorite alteration
256.10, 257.80, SER+, STG, MOD, -, -, -, Moderate discontinous stringers of sericite alteration
260.80, 280.00, KFS+, PAT, MOD, -, -, -, Moderate to strong patchy kspar alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
230.00, 236.00, BRR, WEAK, -, -, -, -, Weak broken/fractured core
239.00, 246.00, DFZ, WEAK, -, -, -, -, Weak brittle parallel deformation
239.00, 246.00, FOL, WEAK, 40.00, -, -, -, Weak preferential alignmnet at 40-50 TCA
256.10, 257.80, DFZ, MOD, 40.00, -, -, -, Moderate parallel deformation oriented at 40-50 TCA.
256.10, 257.80, FOL, MOD, 40.00, -, -, -, Moderate preferential alignment at 40-50 TCA.
260.80, 271.00, BRC, WEAK, -, -, -, -, Weak to moderate insitu brecciation
260.80, 271.00, FRA, WEAK, -, -, -, -, Weak to moderate healed fracturing
272.60, 274.30, BRR, WEAK, -, -, -, -, Weak to moderate local broken/fractured core
272.60, 278.00, BRC, WEAK, -, -, -, -, Weak in situ brecciation
272.60, 278.00, FRA, WEAK, -, -, -, -, Weak to moderate healed fracturing
279.00, 280.00, FRA, MOD, -, -, -, -, to locally strong, rubbled; possible Fault between 278-283m?

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
242.40, 245.30, CAL, 3.00, -, -, -, -, -, -, -, -, -, -, 3% irregular and chaotic calcite veinning with minor qtz
254.80, 256.10, QTZ_2, 3.00, -, -, -, -, -, -, -, -, -, -, 3-5% irregular and chaotic qtz-cal veinning
257.00, 257.80, QTZ_2, 40.00, -, -, -, -, -, -, -, -, PYR, .50, 40% qtz-cal veinning 10cm thick interval parallel to foliation, rest of veins folded or crosscutting deformation. 0.5% PY at contacts and 0.1% galena in fractures of veins

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108698 | 250.0 | 251.5 | 1.5 | 0.055 | | | | |
| CAOND108699 | 251.5 | 253.0 | 1.5 | 0.032 | | | | |
| CAOND108701 | 253.0 | 254.0 | 1.0 | 0.107 | | | | |
| CAOND108702 | 254.0 | 255.0 | 1.0 | 0.072 | | | | |
| CAOND108703 | 255.0 | 256.1 | 1.1 | 0.208 | | | | |
| CAOND108704 | 256.1 | 257.0 | 0.9 | 0.005 | | | | |
| CAOND108705 | 257.0 | 257.8 | 0.8 | 0.038 | | | | |
| CAOND108706 | 257.8 | 259.0 | 1.2 | 0.133 | | | | |
| CAOND108707 | 259.0 | 260.5 | 1.5 | 0.052 | | | | |
| CAOND108708 | 260.5 | 262.0 | 1.5 | 0.083 | | | | |
| CAOND108709 | 262.0 | 263.5 | 1.5 | 0.497 | | | | |
| CAOND108710 | 263.5 | 265.0 | 1.5 | 0.077 | | | | |
| CAOND108711 | 265.0 | 266.5 | 1.5 | 0.238 | | | | |
| CAOND108712 | 266.5 | 268.0 | 1.5 | 0.066 | | | | |
| CAOND108713 | 268.0 | 269.5 | 1.5 | 0.067 | | | | |
| CAOND108714 | 269.5 | 271.0 | 1.5 | 0.135 | | | | |
| CAOND108716 | 271.0 | 272.5 | 1.5 | 0.028 | | | | |
| CAOND108717 | 272.5 | 274.0 | 1.5 | 0.008 | | | | |
| CAOND108718 | 274.0 | 275.5 | 1.5 | 0.012 | | | | |
| CAOND108719 | 275.5 | 277.0 | 1.5 | 0.090 | | | | |
| CAOND108721 | 277.0 | 278.5 | 1.5 | 0.120 | | | | |
| CAOND108722 | 278.5 | 280.0 | 1.5 | 0.032 | | | | |

**Major:** **From:** 280.00 **To:** 296.20 I2Dm, Mafic Syenite

Composition: Medium dark green -brownish with purple, fine grained, weakly chaotic but rather homogeneous; I2Dm - Mafic syenite. Magnetism: Moderate magnetic. Veinning: 1-2% mm scale Qtz-Calcite veining. Structure: fractured Alteration: Moderate pervasive calcite, Chl, K-spar Mineralization: locally disseminated Py Lower Contact: Sharp, 60°

**ALTERATION**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108723 | 280.0 | 281.5 | 1.5 | 0.009 | | | | |
| CAOND108724 | 281.5 | 283.0 | 1.5 | 0.041 | | | | |
| CAOND108726 | 283.0 | 284.5 | 1.5 | 0.036 | | | | |
| CAOND108727 | 284.5 | 286.0 | 1.5 | 0.044 | | | | |

**Hole number:** KLUC19-550

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
280.00, 296.20, CAL+, PEN, MOD, -, -, -, Moderate to locally stronger reaction to HCl
280.00, 296.20, CHL+, PAT, MOD, -, -, -, in alternance with weak K-spar alteration; magnetite alteration associated

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
280.00, 288.00, FRA, MOD, -, -, -, -, to locally strong, rubbled; possible Fault between 278-283m?

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108728 | 286.0 | 287.5 | 1.5 | 0.009 | | | | |
| CAOND108729 | 287.5 | 289.0 | 1.5 | 0.033 | | | | |
| CAOND108731 | 289.0 | 290.5 | 1.5 | 0.042 | | | | |
| CAOND108732 | 290.5 | 292.0 | 1.5 | 0.061 | | | | |
| CAOND108733 | 292.0 | 293.5 | 1.5 | 0.054 | | | | |
| CAOND108734 | 293.5 | 295.0 | 1.5 | 0.090 | | | | |
| CAOND108735 | 295.0 | 296.2 | 1.2 | 0.084 | | | | |

**Major:** **From:** 296.20 **To:** 304.20 I2Dmp, Syenite mafic porphyryitic

Composition: Medium purplish grey and salmon pink, fine to medium grained and weakly porphyritic; I2Dmp - Mafic syenite porphyry. Magnetism: Weak to none magnetic Veinning: Qtz-Ca locally porous calcite veins. Structure: Weak brittle deformation and fractured Alteration: Weak to locally strong calcite alteration and weak to moderate pink kspar alt. Mineralization: 0.5% fine grained disseminated Py and locally Cpy Lower Contact: Gradual , 30°

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
296.20, 297.60, CPY, FRF, .50, -, FGR, local accumulations/patchesbassociated to fine fractures or Qtz-Ca veins
300.00, 301.20, PYR, DIS, 1.00, -, FGR, local accumulations up to ~5%; associated to the Chl patches

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
296.20, 304.20, KFS+, PAT, MOD, -, -, -, Purplish, salmon pink, irregular patchy k-spar
300.00, 300.40, SER+, PAT, MOD, -, -, -, associated to Chl, K-spar and strong Calcite
301.70, 302.20, SER+, PAT, MOD, -, -, -, associated to Chl, K-spar and strong Calcite

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
297.00, 300.00, FRA, MOD, -, -, -, -, to locally strong, rubbled maybe myddy/ Fault Gouge(299.9m-300m)
300.00, 304.20, FRA, WEAK, -, -, -, -, and weakly chaotic fabric
302.30, 302.40, GGE, WEAK, -, -, -, -, muddy and broken

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
296.20, 297.40, QtzCalChl, 5.00, -, -, -, -, GRY2_BASIC, -, -, CPY, 1.00, Qtz-Calcite- Hematite -Chl veins with patches of Cpy; locally vuggy veins
298.30, 298.40, CAL, 10.00, 60.00, -, -, -, GRY_00025, 1.50, -, -, -, with blueish patch of Qtz vein
300.60, 302.10, QtzCal, 5.00, -, -, -, -, BLU2_BASIC, -, -, -, -, vuggy, irregular Qtz- Calcite veins/ patches

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108736 | 296.2 | 297.3 | 1.1 | 0.142 | | | | |
| CAOND108737 | 297.3 | 298.8 | 1.5 | 0.051 | | | | |
| CAOND108738 | 298.8 | 300.0 | 1.2 | 0.055 | | | | |
| CAOND108739 | 300.0 | 301.2 | 1.2 | 0.070 | | | | |
| CAOND108740 | 301.2 | 302.3 | 1.1 | 0.039 | | | | |
| CAOND108741 | 302.3 | 303.3 | 1.0 | 0.034 | | | | |
| CAOND108742 | 303.3 | 304.2 | 0.9 | 0.021 | | | | |

**Hole number:** KLUC19-550

**Major:** **From:** 304.20 **To:** 347.50 I2DmAltBx, Mafic Syenite Alt BX

Composition: Various shades of pink, purple, browns and green; chaotic, deformed, brecciated aspect, with alteration mix of I2D, I2Dm, locally weakly porphyritic passages, possibly minor to rare V8t?; I2DmAltBx - Mafic syenite alteration breccia. Magnetism: Moderately to locally stronger magnetic. Veinning: ~5% generally mm chaotic, irregular calcite dominant veinning; ~1-2% Qtz-Ca-Hem locally vuggy veins Structure: moderate to strongly brecciated aspect Alteration: Weak to locally moderate calcite alteration, weak to moderate K-spar, moderate to strong Chl. spotty and patchy magnetite Mineralization: 0.5-1% fine grained disseminated Py and Cpy; locally possible As Lower Contact: gradual, 60°

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

304.20, 347.50, PYR, DIS, .50, -, FGR, irregular with local accumulations up to 5%; cpy associated
335.60, 335.70, APY, AGR, .10, -, FGR, possible clusters of As associated to Qtz-Ca - Hem vein
347.00, 347.50, CPY, DSN, .10, -, FGR, and Py, both in traces and local small patches of Cpy

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

304.20, 347.50, CBT+, PAT, WEAK, -, -, -, to moderate beige to brown
304.20, 347.50, KFS+, PAT, WEAK, -, -, -, to locally moderate; Carbonate and Chl associated and locally magnetite bands or spotty
304.20, 347.50, CHL+, PAT, MOD, -, -, -, patchy, irregular chl and beige-brownish Carbonate alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

304.20, 304.50, FRA, WEAK, -, -, -, -, and weakly chaotic fabric
304.20, 347.50, BRC, WEAK, -, -, -, -, weak to moderate brecciated aspect with local short broken passages
345.80, 346.00, FGO, WEAK, -, -, -, -, muddy, broken, shattered ; possible Fault gouge

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

304.20, 347.50, CalChl, 7.00, -, -, -, -, -, -, -, -, -, irregular/chaotic calcite-carbonate-hematite-Chl veinlets and veins
330.70, 330.80, QtzCalChl, 25.00, 60.00, -, -, -, GRY2_BASIC, 2.50, -, CPY, 2.00, 0.5 to 3 cm large Qtz-Calcite-Hematite veins with patches of Cpy
335.40, 336.50, QTZ_2, 10.00, -, -, -, -, GRY2_BASIC, 10.00, -, CPY, .50, partially vuggy Qtz-Calcite-Hematite irregular veins with Cpy and possible locally As

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108743 | 304.2 | 305.5 | 1.3 | 0.026 | | | | |
| CAOND108744 | 305.5 | 307.0 | 1.5 | 0.035 | | | | |
| CAOND108746 | 307.0 | 308.5 | 1.5 | 0.029 | | | | |
| CAOND108747 | 308.5 | 310.0 | 1.5 | 0.138 | | | | |
| CAOND108748 | 310.0 | 311.5 | 1.5 | 0.049 | | | | |
| CAOND108749 | 311.5 | 313.0 | 1.5 | 0.022 | | | | |
| CAOND108751 | 313.0 | 314.5 | 1.5 | 0.074 | | | | |
| CAOND108752 | 314.5 | 316.0 | 1.5 | 0.027 | | | | |
| CAOND108753 | 316.0 | 317.5 | 1.5 | 0.016 | | | | |
| CAOND108754 | 317.5 | 319.0 | 1.5 | 0.119 | | | | |
| CAOND108755 | 319.0 | 320.5 | 1.5 | 0.104 | | | | |
| CAOND108756 | 320.5 | 322.0 | 1.5 | 0.086 | | | | |
| CAOND108757 | 322.0 | 323.5 | 1.5 | 0.053 | | | | |
| CAOND108758 | 323.5 | 325.0 | 1.5 | 0.024 | | | | |
| CAOND108759 | 325.0 | 326.5 | 1.5 | 0.138 | | | | |
| CAOND108761 | 326.5 | 328.0 | 1.5 | 0.297 | | | | |
| CAOND108762 | 328.0 | 329.5 | 1.5 | 0.106 | | | | |
| CAOND108763 | 329.5 | 331.0 | 1.5 | 0.166 | | | | |
| CAOND108764 | 331.0 | 332.5 | 1.5 | 0.182 | | | | |
| CAOND108765 | 332.5 | 334.0 | 1.5 | 0.925 | | | | |
| CAOND108766 | 334.0 | 335.0 | 1.0 | 0.106 | | | | |
| CAOND108767 | 335.0 | 336.5 | 1.5 | 0.391 | | | | |
| CAOND108768 | 336.5 | 338.0 | 1.5 | 0.133 | | | | |
| CAOND108769 | 338.0 | 339.5 | 1.5 | 0.082 | | | | |
| CAOND108771 | 339.5 | 341.0 | 1.5 | 0.066 | | | | |
| CAOND108772 | 341.0 | 342.5 | 1.5 | 0.168 | | | | |
| CAOND108773 | 342.5 | 344.0 | 1.5 | 0.272 | | | | |
| CAOND108774 | 344.0 | 345.0 | 1.0 | 0.336 | | | | |
| CAOND108776 | 345.0 | 346.5 | 1.5 | 0.026 | | | | |
| CAOND108777 | 346.5 | 347.5 | 1.0 | 0.228 | | | | |

**Major:** **From:** 347.50 **To:** 394.00 I2DmpAltBx, Alt Mafic Syenite Porph Alt BX

Composition: Various shades of pink, purple, browns and green; chaotic / brecciated aspect Foliated

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108778 | 347.5 | 349.0 | 1.5 | 0.014 | | | | |

**Hole number:** KLUC19-550

with a dominant angle of 40-50° alteration mix of I2D, I2Dm, weakly porphyritic passages, possibly minor to rare V8t?; I2DmpAltBx - Mafic porphyritic syenite alteration breccia. Magnetism: strong to weak or non magnetic. Veinning: ~5% generally mm chaotic, irregular calcite -hematite dominant veinning Structure: moderate foliation Alteration: Weak to locally moderate calcite -carbonate Iteration, weak K-spar, moderate to strong Chl, weak hematite Mineralization: 0.1-0.5% fine grained or patchy Cpy; locally Gl Lower Contact: gradual, 60°

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

347.50, 348.00, PYR, DIS, .50, -, FGR, irregular with local accumulations up to 5%; cpy associated
347.50, 394.00, CPY, DSN, .10, -, FGR, and Py, both in traces and local small patches of Cpy
351.40, 351.50, GAL, IRR, .20, -, FGR, associated to Qtz-Cal-Hem- Chl vein

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

347.50, 360.00, CBT+, PAT, WEAK, -, -, -, to moderate beige to brown
347.50, 370.00, KFS+, PAT, WEAK, -, -, -, to locally moderate; Carbonate and Chl associated and locally magnetite bands or spotty
347.50, 394.00, CHL+, PAT, MOD, -, -, -, patchy, irregular chl and beige-brownish Carbonate alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

347.50, 348.00, BRC, WEAK, -, -, -, -, weak to moderate brecciated aspect with local short broken passages
364.20, 365.00, FRA, MOD, -, -, -, -, maybe a fault or fracture caused by calcite dissolution
371.30, 394.00, FAL, STRONG, -, -, -, -, Fault with muddy gouge between 389.2m to 389.3m; broken rock with rubbled passages

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

347.50, 348.00, CalChl, 7.00, -, -, -, -, -, -, -, -, -, irregular/chaotic calcite-carbonate-hematite-Chl veinlets and veins
351.40, 351.50, QtzCbtChl, 25.00, 50.00, -, -, -, -, 3.00, -, GAL, .10, Qtz-Calcite-Hematite-Chl 3 cm vein with Cpy and Gl
381.40, 381.60, QtzCalChl, 60.00, 60.00, -, -, -, -, 12.00, -, -, -, brecciated Qtz-Calcite-Hematite-Anhidrite?- Chl vein

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108779 | 349.0 | 350.5 | 1.5 | 0.007 | | | | |
| CAOND108781 | 350.5 | 352.0 | 1.5 | 0.003 | | | | |
| CAOND108782 | 352.0 | 353.5 | 1.5 | 0.091 | | | | |
| CAOND108783 | 353.5 | 355.0 | 1.5 | 0.229 | | | | |
| CAOND108784 | 355.0 | 356.5 | 1.5 | 0.033 | | | | |
| CAOND108785 | 356.5 | 358.0 | 1.5 | 0.068 | | | | |
| CAOND108786 | 358.0 | 359.5 | 1.5 | 0.009 | | | | |
| CAOND108787 | 359.5 | 361.0 | 1.5 | 0.005 | | | | |
| CAOND108788 | 361.0 | 362.5 | 1.5 | 0.020 | | | | |
| CAOND108789 | 362.5 | 364.0 | 1.5 | 0.039 | | | | |
| CAOND108791 | 364.0 | 365.5 | 1.5 | 0.053 | | | | |
| CAOND108792 | 365.5 | 367.0 | 1.5 | 0.024 | | | | |
| CAOND108793 | 367.0 | 368.5 | 1.5 | 0.013 | | | | |
| CAOND108794 | 368.5 | 370.0 | 1.5 | 0.012 | | | | |
| CAOND108795 | 370.0 | 371.5 | 1.5 | 0.013 | | | | |
| CAOND108796 | 371.5 | 373.0 | 1.5 | 0.023 | | | | |
| CAOND108797 | 373.0 | 374.5 | 1.5 | 0.012 | | | | |
| CAOND108798 | 374.5 | 376.0 | 1.5 | 0.015 | | | | |
| CAOND108799 | 376.0 | 377.5 | 1.5 | 0.029 | | | | |
| CAOND108801 | 377.5 | 379.0 | 1.5 | 0.165 | | | | |
| CAOND108802 | 379.0 | 380.5 | 1.5 | 0.320 | | | | |
| CAOND108803 | 380.5 | 382.0 | 1.5 | 0.282 | | | | |
| CAOND108804 | 382.0 | 383.5 | 1.5 | 0.035 | | | | |
| CAOND108805 | 383.5 | 385.0 | 1.5 | 0.032 | | | | |
| CAOND108806 | 385.0 | 386.5 | 1.5 | 0.039 | | | | |
| CAOND108807 | 386.5 | 388.0 | 1.5 | 0.034 | | | | |
| CAOND108808 | 388.0 | 389.5 | 1.5 | 0.013 | | | | |
| CAOND108809 | 389.5 | 391.0 | 1.5 | 0.083 | | | | |
| CAOND108810 | 391.0 | 392.5 | 1.5 | 0.025 | | | | |
| CAOND108811 | 392.5 | 394.0 | 1.5 | 0.043 | | | | |

**Major:** **From:** 394.00 **To:** 423.50 V8m, Trachyte mafic

Composition: Medium dark greenish grey, very fine to fine grained and massive; V8m - Mafic Trachyte based on Ti rate Magnetism: Moderate to strongly magnetic. Veinning: ~5-7% mm scale calcite veinlets.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108812 | 394.0 | 395.0 | 1.0 | 0.027 | | | | |
| CAOND108813 | 395.0 | 396.0 | 1.0 | 0.016 | | | | |

**Hole number:** KLUC19-550

Structure: massive Alteration: Weak to moderate calcite, hematite and Chl alteration Mineralization: traces of Py and Cpy Lower Contact: transitional towards non mafic V8 based on Ti ratio less than 4500ppm

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

394.00, 423.50, CAL+, PAT, WEAK, -, -, -, to moderate as patches ot fragments of veinlets and veins with hematite and /or Chl

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

394.00, 399.10, FAL, STRONG, -, -, -, -, Fault with muddy gouge between 389.2m to 389.3m; broken rock with rubbled passages

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108814 | 396.0 | 397.5 | 1.5 | 0.006 | | | | |
| CAOND108816 | 397.5 | 399.0 | 1.5 | 0.007 | | | | |
| CAOND108817 | 399.0 | 400.0 | 1.0 | 0.015 | | | | |
| CAOND108818 | 400.0 | 401.0 | 1.0 | 0.010 | | | | |
| CAOND108819 | 401.0 | 402.5 | 1.5 | 0.019 | | | | |
| CAOND108821 | 402.5 | 404.0 | 1.5 | 0.008 | | | | |
| CAOND108822 | 404.0 | 405.5 | 1.5 | 0.127 | | | | |
| CAOND108823 | 405.5 | 407.0 | 1.5 | 0.070 | | | | |
| CAOND108824 | 407.0 | 408.5 | 1.5 | 0.036 | | | | |
| CAOND108826 | 408.5 | 410.0 | 1.5 | 0.076 | | | | |
| CAOND108827 | 410.0 | 411.5 | 1.5 | 0.022 | | | | |
| CAOND108828 | 411.5 | 413.0 | 1.5 | 0.029 | | | | |
| CAOND108829 | 413.0 | 414.5 | 1.5 | 0.062 | | | | |
| CAOND108831 | 414.5 | 416.0 | 1.5 | 0.037 | | | | |
| CAOND108832 | 416.0 | 417.5 | 1.5 | 0.046 | | | | |
| CAOND108833 | 417.5 | 419.0 | 1.5 | 0.061 | | | | |
| CAOND108834 | 419.0 | 420.5 | 1.5 | 0.035 | | | | |
| CAOND108835 | 420.5 | 422.0 | 1.5 | 0.037 | | | | |
| CAOND108836 | 422.0 | 423.5 | 1.5 | 0.053 | | | | |

**Major: From:** 423.50 **To:** 440.50 V8, Trachyte

Composition: Medium dark greenish grey, very fine to fine grained and massive; V8- Trachyte Magnetism: Moderate to strongly magnetic. Veinning: ~5-10% mm to locally cm scale calcite veinlets. Structure: massive with a certain parallel deformation /Fo at 50° Alteration: Weak to moderate calcite, hematite and Chl alteration Mineralization: traces of Py and Cpy Lower Contact: transitional, 60°

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

437.20, 437.50, PYR, DIS, 2.00, -, FGR, local accumulation between 2-3 %

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

423.50, 440.50, CAL+, PAT, WEAK, -, -, -, to moderate as patches ot fragments of veinlets and veins with hematite and /or Chl

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

434.60, 440.50, DFZ, WEAK, 50.00, -, -, -, paralled deformation/ Fo/Sheared

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108837 | 423.5 | 425.0 | 1.5 | 0.028 | | | | |
| CAOND108838 | 425.0 | 426.5 | 1.5 | 0.027 | | | | |
| CAOND108839 | 426.5 | 428.0 | 1.5 | 0.022 | | | | |
| CAOND108840 | 428.0 | 429.5 | 1.5 | 0.012 | | | | |
| CAOND108841 | 429.5 | 431.0 | 1.5 | 0.024 | | | | |
| CAOND108842 | 431.0 | 432.5 | 1.5 | 0.119 | | | | |
| CAOND108843 | 432.5 | 434.0 | 1.5 | 0.088 | | | | |
| CAOND108844 | 434.0 | 435.5 | 1.5 | 0.044 | | | | |
| CAOND108846 | 435.5 | 437.0 | 1.5 | 0.090 | | | | |
| CAOND108847 | 437.0 | 438.5 | 1.5 | 0.057 | | | | |
| CAOND108848 | 438.5 | 439.5 | 1.0 | 0.059 | | | | |
| CAOND108849 | 439.5 | 440.5 | 1.0 | 0.044 | | | | |

**Hole number:** KLUC19-550

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS
423.50, 440.50, CAL, 10.00, -, -, -, -, -, -, -, -, -, pinkish red irregular-patchy Calcite- Hematite veins and veinlets

**Major:** **From:** 440.50 **To:** 472.50 V8t, Trachytic tuff

Composition: Medium dark greenish grey, fine grained and massive with a parallel deformation and moderate to strongly sheared passage and mix of mafic non mafic V8t - Trachytic tuff Magnetism: Moderate magnetic. Veinning: ~5% mm scale calcite veinlets. Structure: parallel deformation Alteration: Weak to moderate calcite and Chl, moderate hematite alteration Mineralization: traces of Py Lower Contact: gradual, 40°

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
458.80, 468.20, PYR, DIS, .30, -, FGR, discontinuous disseminated or locally along thin fractures

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
440.50, 472.50, CAL+, PAT, WEAK, -, -, -, to moderate as patches ot fragments of veinlets and veins with hematite and /or Chl
456.00, 468.00, CBT+, PAT, MOD, -, -, -, to strong with weak to moderate hematite alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
441.60, 442.00, FRA, MOD, 60.00, -, -, -, fragmented to rubbled- possibly Gouge or just calcic dissolution
456.00, 469.00, SHR, MOD, 45.00, -, -, -, paralled deformation at 40-50°

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMNTS
440.50, 472.50, CAL, 5.00, -, -, -, -, -, -, -, -, -, irregular calcite- carbonate hematite veins

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108851 | 440.5 | 442.0 | 1.5 | 0.365 | | | | |
| CAOND108852 | 442.0 | 443.5 | 1.5 | 0.084 | | | | |
| CAOND108853 | 443.5 | 445.0 | 1.5 | 0.050 | | | | |
| CAOND108854 | 445.0 | 446.5 | 1.5 | 0.081 | | | | |
| CAOND108855 | 446.5 | 448.0 | 1.5 | 0.046 | | | | |
| CAOND108856 | 448.0 | 449.5 | 1.5 | 0.094 | | | | |
| CAOND108857 | 449.5 | 451.0 | 1.5 | 0.057 | | | | |
| CAOND108858 | 451.0 | 452.5 | 1.5 | 0.071 | | | | |
| CAOND108859 | 452.5 | 454.0 | 1.5 | 0.046 | | | | |
| CAOND108861 | 454.0 | 455.5 | 1.5 | 0.020 | | | | |
| CAOND108862 | 455.5 | 457.0 | 1.5 | 0.054 | | | | |
| CAOND108863 | 457.0 | 458.5 | 1.5 | 0.013 | | | | |
| CAOND108864 | 458.5 | 460.0 | 1.5 | 0.027 | | | | |
| CAOND108865 | 460.0 | 461.5 | 1.5 | 0.027 | | | | |
| CAOND108866 | 461.5 | 463.0 | 1.5 | 0.029 | | | | |
| CAOND108867 | 463.0 | 464.0 | 1.0 | 0.035 | | | | |
| CAOND108868 | 464.0 | 465.0 | 1.0 | 0.034 | | | | |
| CAOND108869 | 465.0 | 466.0 | 1.0 | 0.021 | | | | |
| CAOND108871 | 466.0 | 467.5 | 1.5 | 0.044 | | | | |
| CAOND108872 | 467.5 | 468.9 | 1.4 | 0.586 | | | | |
| CAOND108873 | 468.9 | 470.0 | 1.1 | 0.315 | | | | |
| CAOND108874 | 470.0 | 471.0 | 1.0 | 0.022 | | | | |
| CAOND108876 | 471.0 | 472.5 | 1.5 | 0.140 | | | | |

**Major:** **From:** 472.50 **To:** 478.00 I2D, Syénite

Composition: Medium to dark purple-grey with medium pink patches with minor intervals more pinkish, fine grained, heterogeneous weakly parallel deformation I2D - Syenite. Magnetism: Moderate t stronlgy magnetic. Veinning: ~5% Qtz- Ca- hematite Structure: Parallel deformation, locally folding Alteration: Weak to moderate k-spar, locally hematite; weak to moderate Chl alteration, moderate magnetite

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108877 | 472.5 | 474.0 | 1.5 | 0.101 | | | | |
| CAOND108878 | 474.0 | 475.0 | 1.0 | 0.444 | | | | |
| CAOND108879 | 475.0 | 476.0 | 1.0 | 0.260 | | | | |

**Hole number:** KLUC19-550

alteration Mineralization: very fine grained disseminated PY. Lower Contact: gradual, 50°

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

472.50, 478.00, MAG+, DIS, MOD, -, -, -, spotty and patchy

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

472.50, 478.00, DFZ, WEAK, 50.00, -, -, -, parallel deformation and locally folds

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

474.30, 474.60, QtzCalChl, 90.00, 50.00, -, -, -, GRY2_BASIC, 30.00, -, PYR, .50, Qtz- Calcite- Hematite- Chl- Magnetite- Carb 30 cm vein

475.70, 475.90, QtzCalChl, 40.00, -, -, -, -, GRY2_BASIC, -, -, -, -, Qtz- Calcite- Hematite- Chl- Magnetite vuggy veins

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108881 | 476.0 | 477.0 | 1.0 | 0.227 | | | | |
| CAOND108882 | 477.0 | 478.0 | 1.0 | 0.145 | | | | |

**Major: From:** 478.00 **To:** 480.00 V8t, Trachytic tuff

Composition: Medium dark greenish grey, fine grained, parallel deformation V8t ?- Trachytic tuff? Magnetism: Moderate magnetic. Veinning: ~1-2% mm scale calcite veinlets. Structure: parallel deformation Alteration: Weak Chl, weak to moderate magnetite Mineralization: Lower Contact: sharp, 40°

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

478.00, 480.00, SHR, WEAK, 60.00, -, -, -, to moderate parallel deformation

479.90, 480.00, LWC, MOD, 40.00, -, -, -, sharp

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108883 | 478.0 | 479.0 | 1.0 | 0.105 | | | | |
| CAOND108884 | 479.0 | 480.0 | 1.0 | 0.071 | | | | |

**Major: From:** 480.00 **To:** 483.70 I, Roches intrusive indetermine

Composition: Medium salmon pinkish-red- greenish grey, fine grained, rather homogeneous and massive; Intrusive / Sed ?- Intrusive / sediment? Magnetism: Non magnetic. Veinning: less 1% irregular and chaotic calcite-carbonate locally vuggy veins throughout Structure: Locally parallel deformation Alteration: Moderate K-spar and Hematite; weak to moderate Chl Mineralization: Rare to trace very fine grained disseminated PY. Lower Contact: gradual, 40°

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

480.00, 483.50, HEM+, PEN, MOD, -, -, -, also possibly K-spar; Chl associated in patches

483.50, 483.70, CHL+, PAT, MOD, -, -, -, and weak to locally moderate hematite associated

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108885 | 480.0 | 481.0 | 1.0 | 1.035 | | | | |
| CAOND108886 | 481.0 | 482.5 | 1.5 | 0.035 | | | | |
| CAOND108887 | 482.5 | 483.7 | 1.2 | 0.033 | | | | |

**Major: From:** 483.70 **To:** 509.70 V8mt, Trachyte mafic tuff

Composition: Medium dark greenish grey, with pinkish spots of Calcite-carb hematized veins, very fine to fine grained, parallel deformation, locally brecciated V8mt - Mafic Trachyte Tuff based on Ti rate Magnetism: Moderate magnetic. Veinning: ~5-7% mm scale calcite veinlets. Structure: Parallel

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108888 | 483.7 | 484.3 | 0.6 | 0.082 | | | | |
| CAOND108889 | 484.3 | 485.5 | 1.2 | 0.031 | | | | |

**Hole number:** KLUC19-550

deformation Alteration: Weak calcite, hematite and Chl alteration Mineralization: 0.1-0.5% Py ±Cpy Lower Contact: sharp, 40°

**MINOR INTERVAL**

501.10 - 502.00: V8tBx

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

495.50, 500.60, PYR, DIS, .20, -, -, locally patch/ veinlet of Py (499.65m to 499.75m); often Specularite filling fractures

507.50, 509.70, PYR, DIS, 1.00, -, FGR, mainly associated to patches of alteration( Tourmaline)

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

483.70, 509.70, CHL+, PAT, MOD, -, -, -, and weak to locally moderate hematite associated

507.00, 509.70, TUR+, PAT, MOD, -, -, -, locally altered; Py in patches and disseminated associated in accumulations up to 10%

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

484.00, 500.80, SHR, MOD, 50.00, -, -, -, parallel deformation

501.10, 502.00, BRC, MOD, -, -, -, -, brecciated tuff with gouge (501.2m-501.3m)

501.20, 501.30, GGE, MOD, 40.00, -, -, -, muddy fault gouge

502.00, 509.60, DFZ, MOD, 45.00, -, -, -, parallel deformation with vuggy short passages and broken passage between 503.9m to 504.1m; possible Gouge around 504.1m

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108891 | 485.5 | 487.0 | 1.5 | 0.047 | | | | |
| CAOND108892 | 487.0 | 488.5 | 1.5 | 0.026 | | | | |
| CAOND108893 | 488.5 | 490.0 | 1.5 | 0.061 | | | | |
| CAOND108894 | 490.0 | 491.5 | 1.5 | 0.079 | | | | |
| CAOND108895 | 491.5 | 493.0 | 1.5 | 0.051 | | | | |
| CAOND108896 | 493.0 | 494.5 | 1.5 | 0.064 | | | | |
| CAOND108897 | 494.5 | 496.0 | 1.5 | 0.032 | | | | |
| CAOND108898 | 496.0 | 497.5 | 1.5 | 0.023 | | | | |
| CAOND108899 | 497.5 | 499.0 | 1.5 | 0.020 | | | | |
| CAOND108901 | 499.0 | 500.0 | 1.0 | 4.770 | | | | |
| CAOND108902 | 500.0 | 501.1 | 1.1 | 0.258 | | | | |
| CAOND108903 | 501.1 | 502.0 | 0.9 | 0.026 | | | | |
| CAOND108904 | 502.0 | 503.5 | 1.5 | 0.018 | | | | |
| CAOND108905 | 503.5 | 505.0 | 1.5 | 0.023 | | | | |
| CAOND108906 | 505.0 | 506.5 | 1.5 | 0.201 | | | | |
| CAOND108907 | 506.5 | 508.0 | 1.5 | 0.109 | | | | |
| CAOND108908 | 508.0 | 509.0 | 1.0 | 0.159 | | | | |
| CAOND108909 | 509.0 | 509.7 | 0.7 | 0.198 | | | | |

**Major:** **From:** 509.70 **To:** 515.30 I, Roches intrusive indetermine

Composition: Medium brownish-red- greenish grey, fine to coarser grained, rather homogeneous and massive; Intrusive / Sed ?- Intrusive / sediment? Magnetism: Non magnetic. Veinning: ~2% Qtz-carbonate - Hem Structure: Rather massive Alteration: Moderate K-spar, weak to locally moderate Hematite; weak to locally moderate Chl Mineralization: Py traces, Specularite in fractures Lower Contact: sharp, 40°

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

509.70, 510.80, PYR, DIS, 1.00, -, FGR, mainly associated to patches of alteration( Tourmaline)

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

509.70, 510.00, CHL+, PAT, MOD, -, -, -, and weak to locally moderate hematite associated

509.70, 513.00, TUR+, PAT, MOD, -, -, -, locally altered; Py in patches and disseminated associated in accumulations up to 10%

510.00, 515.30, HEM+, PEN, MOD, -, -, -, with filaments and patches of Chl

**VEIN**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108910 | 509.7 | 511.0 | 1.3 | 0.117 | | | | |
| CAOND108911 | 511.0 | 512.5 | 1.5 | 0.054 | | | | |
| CAOND108912 | 512.5 | 514.0 | 1.5 | 0.113 | | | | |
| CAOND108913 | 514.0 | 515.3 | 1.3 | 0.109 | | | | |

**Hole number:** KLUC19-550

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
515.20, 515.30, CBT, 50.00, 60.00, -, -, -, GRY_00025, 10.00, -, -, -, redish hematized Carb parallel carbonate veins and 3 cm white brecciated carbonate vein

**Major:** **From:** 515.30 **To:** 520.70 V8m, Trachyte mafic

Composition: Medium greenish grey, fine grained, parallel deformation V8m/ I2Dm? - Mafic Trachyte based on Ti rate / Mafic Syenite ? Magnetism: Non magnetic. Veinning: ~2% Carbonate, partially brecciated veins Structure: parallel deformation Alteration: Weak to moderate K-spar, hematite ,Carbonate and Chl alteration; possibly weak Silica Mineralization: ~1% Py ± Cpy Lower Contact: sharp 30°

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
516.00, 519.00, PYR, DIS, .50, -, FGR, associated to carbonate alteration?

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
515.30, 520.70, CBT+, PEN, WEAK, -, -, -, weak to moderate with Chl associated and passages possibly weak silicified

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
515.30, 515.40, CBT, 50.00, 60.00, -, -, -, GRY_00025, 10.00, -, -, -, redish hematized Carb parallel carbonate veins and 3 cm white brecciated carbonate vein

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108914 | 515.3 | 516.5 | 1.2 | 0.081 | | | | |
| CAOND108916 | 516.5 | 518.0 | 1.5 | 0.175 | | | | |
| CAOND108917 | 518.0 | 519.5 | 1.5 | 0.322 | | | | |
| CAOND108918 | 519.5 | 520.7 | 1.2 | 0.046 | | | | |

**Major:** **From:** 520.70 **To:** 521.60 I, Roches intrusive indetermine

Composition: Medium salmon red- greenish grey, fine to coarser grained, massive with lpocal parallel deformation; Intrusive / Sed ?- Intrusive / sediment? Magnetism: Non magnetic. Veinning: less 1% Qtz-Calcite- carbonate - Hem vuggy veins Structure: locally parallel deformation Alteration: Moderate K-spar, Hematite; weak to locally moderate Chl Mineralization: Py traces Lower Contact: EOH

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
520.70, 521.60, HEM+, PEN, MOD, -, -, -, and patches of Chl associated

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108919 | 520.7 | 521.6 | 0.9 | 0.330 | | | | |

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 12.3 | 15.0 | 60.00 | 100.00 | | | N | |
| 15.0 | 18.0 | 93.00 | 100.00 | | | N | |
| 18.0 | 21.0 | 62.00 | 100.00 | | | N | |

**Hole number:** KLUC19-550

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 21.0 | 24.0 | 77.00 | 100.00 | | | N | |
| 24.0 | 27.0 | 83.00 | 100.00 | | | N | |
| 27.0 | 30.0 | 83.00 | 100.00 | | | N | |
| 30.0 | 33.0 | 60.00 | 100.00 | | | N | |
| 33.0 | 36.0 | 70.00 | 100.00 | | | N | |
| 36.0 | 39.0 | 93.00 | 100.00 | | | N | |
| 39.0 | 42.0 | 83.00 | 100.00 | | | N | |
| 42.0 | 45.0 | 78.00 | 100.00 | | | N | |
| 45.0 | 48.0 | 97.00 | 100.00 | | | N | |
| 48.0 | 51.0 | 100.00 | 100.00 | | | N | |
| 51.0 | 54.0 | 100.00 | 100.00 | | | N | |
| 54.0 | 57.0 | 77.00 | 100.00 | | | N | |
| 57.0 | 60.0 | 98.00 | 100.00 | | | N | |
| 60.0 | 63.0 | 90.00 | 100.00 | | | N | |
| 63.0 | 66.0 | 88.00 | 100.00 | | | N | |
| 66.0 | 69.0 | 63.00 | 100.00 | | | N | |
| 69.0 | 72.0 | 62.00 | 100.00 | | | N | |
| 72.0 | 75.0 | 95.00 | 100.00 | | | N | |
| 75.0 | 78.0 | 87.00 | 100.00 | | | N | |
| 78.0 | 81.0 | 93.00 | 100.00 | | | N | |
| 81.0 | 84.0 | 87.00 | 100.00 | | | N | |
| 84.0 | 87.0 | 77.00 | 100.00 | | | N | |
| 87.0 | 90.0 | 92.00 | 100.00 | | | N | |
| 90.0 | 93.0 | 78.00 | 100.00 | | | N | |
| 93.0 | 96.0 | 95.00 | 100.00 | | | N | |
| 96.0 | 99.0 | 100.00 | 100.00 | | | N | |
| 99.0 | 102.0 | 85.00 | 100.00 | | | N | |
| 102.0 | 105.0 | 80.00 | 100.00 | | | N | |

**Hole number:** KLUC19-550

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 105.0 | 108.0 | 55.00 | 100.00 | | | N | |
| 108.0 | 111.0 | 85.00 | 100.00 | | | N | |
| 111.0 | 114.0 | 97.00 | 100.00 | | | N | |
| 114.0 | 117.0 | 92.00 | 100.00 | | | N | |
| 117.0 | 120.0 | 87.00 | 100.00 | | | N | |
| 120.0 | 123.0 | 95.00 | 100.00 | | | N | |
| 123.0 | 126.0 | 100.00 | 100.00 | | | N | |
| 126.0 | 129.0 | 93.00 | 100.00 | | | N | |
| 129.0 | 132.0 | 82.00 | 100.00 | | | N | |
| 132.0 | 135.0 | 75.00 | 100.00 | | | N | |
| 135.0 | 138.0 | 88.00 | 100.00 | | | N | |
| 138.0 | 141.0 | 93.00 | 100.00 | | | N | |
| 141.0 | 144.0 | 100.00 | 100.00 | | | N | |
| 144.0 | 147.0 | 70.00 | 100.00 | | | N | |
| 147.0 | 150.0 | 92.00 | 100.00 | | | N | |
| 150.0 | 153.0 | 78.00 | 100.00 | | | N | |
| 153.0 | 156.0 | 92.00 | 100.00 | | | N | |
| 156.0 | 159.0 | 88.00 | 100.00 | | | N | |
| 159.0 | 162.0 | 90.00 | 100.00 | | | N | |
| 162.0 | 165.0 | 85.00 | 100.00 | | | N | |
| 165.0 | 168.0 | 88.00 | 100.00 | | | N | |
| 168.0 | 171.0 | 83.00 | 100.00 | | | N | |
| 171.0 | 174.0 | 97.00 | 100.00 | | | N | |
| 174.0 | 177.0 | 100.00 | 100.00 | | | N | |
| 177.0 | 180.0 | 60.00 | 100.00 | | | N | |
| 180.0 | 183.0 | 92.00 | 100.00 | | | N | |
| 183.0 | 186.0 | 78.00 | 100.00 | | | N | |
| 186.0 | 189.0 | 90.00 | 100.00 | | | N | |

**Hole number:** KLUC19-550

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 189.0 | 192.0 | 90.00 | 100.00 | | | N | |
| 192.0 | 195.0 | 100.00 | 100.00 | | | N | |
| 195.0 | 198.0 | 100.00 | 100.00 | | | N | |
| 198.0 | 201.0 | 90.00 | 100.00 | | | N | |
| 201.0 | 204.0 | 100.00 | 100.00 | | | N | |
| 204.0 | 207.0 | 78.00 | 100.00 | | | N | |
| 207.0 | 210.0 | 82.00 | 100.00 | | | N | |
| 210.0 | 213.0 | 72.00 | 100.00 | | | N | |
| 213.0 | 216.0 | 97.00 | 100.00 | | | N | |
| 216.0 | 219.0 | 100.00 | 100.00 | | | N | |
| 219.0 | 222.0 | 90.00 | 100.00 | | | N | |
| 222.0 | 225.0 | 87.00 | 100.00 | | | N | |
| 225.0 | 228.0 | 57.00 | 100.00 | | | N | |
| 228.0 | 231.0 | 53.00 | 100.00 | | | N | |
| 231.0 | 234.0 | 55.00 | 100.00 | | | N | |
| 234.0 | 237.0 | 45.00 | 100.00 | | | N | |
| 237.0 | 240.0 | 93.00 | 100.00 | | | N | |
| 240.0 | 243.0 | 75.00 | 100.00 | | | N | |
| 243.0 | 246.0 | 100.00 | 100.00 | | | N | |
| 246.0 | 249.0 | 83.00 | 100.00 | | | N | |
| 249.0 | 252.0 | 97.00 | 100.00 | | | N | |
| 252.0 | 255.0 | 88.00 | 100.00 | | | N | |
| 255.0 | 258.0 | 100.00 | 100.00 | | | N | |
| 258.0 | 261.0 | 93.00 | 100.00 | | | N | |
| 261.0 | 264.0 | 100.00 | 100.00 | | | N | |
| 264.0 | 267.0 | 100.00 | 100.00 | | | N | |
| 267.0 | 270.0 | 100.00 | 100.00 | | | N | |
| 270.0 | 273.0 | 90.00 | 100.00 | | | N | |

**Hole number:** KLUC19-550

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 273.0 | 276.0 | 73.00 | 100.00 | | | N | |
| 276.0 | 279.0 | 73.00 | 100.00 | | | N | |
| 279.0 | 282.0 | 27.00 | 100.00 | | | N | |
| 282.0 | 285.0 | 8.00 | 100.00 | | | N | |
| 285.0 | 288.0 | 23.00 | 100.00 | | | N | |
| 288.0 | 291.0 | 42.00 | 100.00 | | | N | |
| 291.0 | 294.0 | 50.00 | 100.00 | | | N | |
| 294.0 | 297.0 | 68.00 | 100.00 | | | N | |
| 297.0 | 300.0 | 50.00 | 100.00 | | | N | |
| 300.0 | 303.0 | 63.00 | 100.00 | | | N | |
| 303.0 | 306.0 | 82.00 | 100.00 | | | N | |
| 306.0 | 309.0 | 80.00 | 100.00 | | | N | |
| 309.0 | 312.0 | 87.00 | 100.00 | | | N | |
| 312.0 | 315.0 | 97.00 | 100.00 | | | N | |
| 315.0 | 318.0 | 97.00 | 100.00 | | | N | |
| 318.0 | 321.0 | 93.00 | 100.00 | | | N | |
| 321.0 | 324.0 | 93.00 | 100.00 | | | N | |
| 324.0 | 327.0 | 87.00 | 100.00 | | | N | |
| 327.0 | 330.0 | 80.00 | 100.00 | | | N | |
| 330.0 | 333.0 | 93.00 | 100.00 | | | N | |
| 333.0 | 336.0 | 95.00 | 100.00 | | | N | |
| 336.0 | 339.0 | 87.00 | 100.00 | | | N | |
| 339.0 | 342.0 | 95.00 | 100.00 | | | N | |
| 342.0 | 345.0 | 98.00 | 100.00 | | | N | |
| 345.0 | 348.0 | 65.00 | 100.00 | | | N | |
| 348.0 | 351.0 | 85.00 | 100.00 | | | N | |
| 351.0 | 354.0 | 90.00 | 100.00 | | | N | |
| 354.0 | 357.0 | 90.00 | 100.00 | | | N | |

**Hole number:** KLUC19-550

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 357.0 | 360.0 | 95.00 | 100.00 | | | N | |
| 360.0 | 363.0 | 70.00 | 100.00 | | | N | |
| 363.0 | 366.0 | 70.00 | 100.00 | | | N | |
| 366.0 | 369.0 | 83.00 | 100.00 | | | N | |
| 369.0 | 372.0 | 67.00 | 100.00 | | | N | |
| 372.0 | 375.0 | 0.00 | 100.00 | | | N | Fault zone |
| 375.0 | 378.0 | 0.00 | 100.00 | | | N | Fault zone |
| 378.0 | 381.0 | 3.00 | 100.00 | | | N | Fault zone |
| 381.0 | 384.0 | 25.00 | 100.00 | | | N | Fault zone |
| 384.0 | 387.0 | 17.00 | 100.00 | | | N | Fault zone |
| 387.0 | 390.0 | 13.00 | 100.00 | | | N | Fault zone |
| 390.0 | 393.0 | 10.00 | 100.00 | | | N | Fault zone |
| 393.0 | 396.0 | 17.00 | 100.00 | | | N | Fault zone |
| 396.0 | 399.0 | 23.00 | 100.00 | | | N | Fault zone |
| 399.0 | 402.0 | 96.00 | 100.00 | | | N | |
| 402.0 | 405.0 | 90.00 | 100.00 | | | N | |
| 405.0 | 408.0 | 98.00 | 100.00 | | | N | |
| 408.0 | 411.0 | 93.00 | 100.00 | | | N | |
| 411.0 | 414.0 | 100.00 | 100.00 | | | N | |
| 414.0 | 417.0 | 97.00 | 100.00 | | | N | |
| 417.0 | 420.0 | 98.00 | 100.00 | | | N | |
| 420.0 | 423.0 | 97.00 | 100.00 | | | N | |
| 423.0 | 426.0 | 94.00 | 100.00 | | | N | |
| 426.0 | 429.0 | 97.00 | 100.00 | | | N | |
| 429.0 | 432.0 | 95.00 | 100.00 | | | N | |
| 432.0 | 435.0 | 98.00 | 100.00 | | | N | |
| 435.0 | 438.0 | 98.00 | 100.00 | | | N | |
| 438.0 | 441.0 | 97.00 | 100.00 | | | N | |

**Hole number:** KLUC19-550

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 441.0 | 444.0 | 67.00 | 100.00 | | | N | |
| 444.0 | 447.0 | 95.00 | 100.00 | | | N | |
| 447.0 | 450.0 | 100.00 | 100.00 | | | N | |
| 450.0 | 453.0 | 93.00 | 100.00 | | | N | |
| 453.0 | 456.0 | 97.00 | 100.00 | | | N | |
| 456.0 | 459.0 | 77.00 | 100.00 | | | N | |
| 459.0 | 462.0 | 90.00 | 100.00 | | | N | |
| 462.0 | 465.0 | 100.00 | 100.00 | | | N | |
| 465.0 | 468.0 | 67.00 | 100.00 | | | N | |
| 468.0 | 471.0 | 65.00 | 100.00 | | | N | |
| 471.0 | 474.0 | 93.00 | 100.00 | | | N | |
| 474.0 | 477.0 | 92.00 | 100.00 | | | N | |
| 477.0 | 480.0 | 95.00 | 100.00 | | | N | |
| 480.0 | 483.0 | 93.00 | 100.00 | | | N | |
| 483.0 | 486.0 | 90.00 | 100.00 | | | N | |
| 486.0 | 489.0 | 95.00 | 100.00 | | | N | |
| 489.0 | 492.0 | 93.00 | 100.00 | | | N | |
| 492.0 | 495.0 | 87.00 | 100.00 | | | N | |
| 495.0 | 498.0 | 90.00 | 100.00 | | | N | |
| 498.0 | 501.0 | 77.00 | 100.00 | | | N | |
| 501.0 | 504.0 | 53.00 | 100.00 | | | N | |
| 504.0 | 507.0 | 65.00 | 100.00 | | | N | |
| 507.0 | 510.0 | 67.00 | 100.00 | | | N | |
| 510.0 | 513.0 | 95.00 | 100.00 | | | N | |
| 513.0 | 516.0 | 100.00 | 100.00 | | | N | |
| 516.0 | 519.0 | 95.00 | 100.00 | | | N | |
| 519.0 | 522.0 | 83.00 | 87.00 | | | N | |

**Hole number:** KLUC19-550

AGNICO EAGLE

# DRILL HOLE REPORT

EXPLORATION CANADA
ONTARIO

**Hole number:** KLUC19-551 **Project Number:** U_Canada **Project name:** Upper Canada

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Historic hole number:** | | **Collar survey:** | Y | **From:** | 0.0 | **Coordinates:** | P |
| **System:** | METRIC | **Verified:** | N | **To:** | 588.0 | **Grid:** | UTM83-17_CSRS-2010: |
| **Target:** | UC_UPPER_L_ZONE | **Gas:** | N | **Depth:** | 588.0 | **North:** | 5,332,831.84 |
| **No. Claim:** | PAT-18799 | **Multishot survey:** | Y | **Location:** | Surface | **East:** | 586,929.71 |
| **Year:** | 2 019 | **Is making water:** | N | **Core storage:** | Mine Site | **Elevation:** | 338.85 |
| **Date started:** | 2019-07-17 | **Object in hole:** | N | **Contractor:** | Asinii Drilling | **Collar dip:** | -55.59 |
| **Date logged:** | 2019-08-06 | **Pulse EM survey:** | N | **Logged by:** | Ana Moldoveanu | **Collar azimuth:** | 159.57 |
| **Date completed:** | 2019-07-23 | **Plugged:** | Y | **Signature:** | Mélanie Bouchard | | |
| **Core size:** | NQ | **Cemented:** | Y | | | | |
| **Hole type:** | EXP | **Branch:** | N | | | | |
| **Casing:** | Capped and Plugged | **Reserve:** | N | | | | |
| **Logging status:** | Signed | | | | | | |
| **Rig number:** | 2501 | | | | | | |

**Additional sizes and types:** **2nd Size:** **2nd Type:** **2nd Depth:** **3rd Size:** **3rd Type:**

**Comment:** Proposed hole: UCP19-055. New and improved Asinii II drill Rig: 2501. Targeting: Upper L zone. A.Moldoveanu logged 0 - 156 m and M.Bouchard logged 156 - 588m (E.O.H).

## Assay average

| Average type | From | To | Length | Width | Zone | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Pb_ppm | Ni_ppm | As_ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| WEIGHTED | 138.5 | 141.5 | 3.0 | | | 0.997 | | | | | | |
| WEIGHTED | 185.0 | 186.5 | 1.5 | | | 19.250 | | | | | | |
| WEIGHTED | 230.3 | 231.5 | 1.2 | | | 14.650 | | | | | | |
| WEIGHTED | 230.3 | 235.7 | 5.4 | | | 3.753 | | | | | | |
| WEIGHTED | 370.0 | 371.0 | 1.0 | | UC_UPPER_L | 2.580 | | | | | | |
| WEIGHTED | 445.6 | 446.6 | 1.0 | | UC_UPPER_L | 1.745 | | | | | | |
| WEIGHTED | 473.0 | 476.0 | 3.0 | | UC_UPPER_L | 1.663 | | | | | | |
| WEIGHTED | 482.0 | 485.5 | 3.5 | | UC_UPPER_L | 1.205 | | | | | | |
| WEIGHTED | 537.5 | 553.0 | 15.5 | | UC_UPPER_L | 0.987 | | | | | | |

## Survey data

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 161.26 | -55.92 | G | O | North Seaker Gyro |

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 0.0 | 159.57 | -55.59 | S | | Surveyed drill direction |
| 0.0 | 160.60 | -55.40 | NS | | Rig aligner |

**Hole number:** KLUC19-551

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 10.0 | 161.61 | -54.99 | G | O | North Seaker Gyro |
| 30.0 | 161.76 | -55.57 | G | O | North Seaker Gyro |
| 40.0 | 161.67 | -55.37 | G | O | North Seaker Gyro |
| 60.0 | 161.78 | -55.17 | G | O | North Seaker Gyro |
| 70.0 | 161.82 | -55.07 | G | O | North Seaker Gyro |
| 90.0 | 162.10 | -54.60 | EZ | | 54803 |
| 100.0 | 161.77 | -54.80 | G | O | North Seaker Gyro |
| 120.0 | 164.30 | -54.50 | EZ | | 55481 |
| 130.0 | 162.05 | -54.65 | G | O | North Seaker Gyro |
| 150.0 | 162.18 | -54.56 | G | O | North Seaker Gyro |
| 160.0 | 162.23 | -54.49 | G | O | North Seaker Gyro |
| 180.0 | 162.28 | -54.44 | G | O | North Seaker Gyro |
| 190.0 | 162.41 | -54.36 | G | O | North Seaker Gyro |
| 210.0 | 161.30 | -54.00 | EZ | | 54361 |
| 220.0 | 162.34 | -54.24 | G | O | North Seaker Gyro |
| 240.0 | 163.90 | -53.80 | EZ | | 55563 |
| 250.0 | 162.40 | -54.09 | G | O | North Seaker Gyro |
| 270.0 | 162.10 | -53.60 | EZ | | 54425 |
| 280.0 | 162.34 | -53.89 | G | O | North Seaker Gyro |
| 300.0 | 162.30 | -53.20 | EZ | | 54646 |
| 310.0 | 162.32 | -53.62 | G | O | North Seaker Gyro |
| 330.0 | 163.80 | -53.10 | EZ | | 54382 |
| 340.0 | 162.26 | -53.45 | G | O | North Seaker Gyro |
| 360.0 | 164.50 | -53.00 | EZ | | 55812 |
| 370.0 | 162.25 | -53.12 | G | O | North Seaker Gyro |
| 390.0 | 162.36 | -52.94 | G | O | North Seaker Gyro |
| 410.0 | 162.34 | -52.77 | G | O | North Seaker Gyro |
| 420.0 | 162.38 | -52.65 | G | O | North Seaker Gyro |
| 440.0 | 162.43 | -52.27 | G | O | North Seaker Gyro |
| 450.0 | 162.52 | -52.13 | G | O | North Seaker Gyro |
| 470.0 | 162.76 | -51.78 | G | O | North Seaker Gyro |
| 480.0 | 162.74 | -51.69 | G | O | North Seaker Gyro |
| 20.0 | 161.86 | -55.82 | G | O | North Seaker Gyro |
| 30.0 | 161.70 | -55.00 | EZ | | 54024 |
| 50.0 | 161.68 | -55.26 | G | O | North Seaker Gyro |
| 60.0 | 160.80 | -54.80 | EZ | | 54856 |
| 80.0 | 161.85 | -54.97 | G | O | North Seaker Gyro |
| 90.0 | 161.81 | -54.89 | G | O | North Seaker Gyro |
| 110.0 | 161.87 | -54.73 | G | O | North Seaker Gyro |
| 120.0 | 161.94 | -54.70 | G | O | North Seaker Gyro |
| 140.0 | 162.08 | -54.62 | G | O | North Seaker Gyro |
| 150.0 | 163.70 | -54.40 | EZ | | 54027 |
| 170.0 | 162.29 | -54.48 | G | O | North Seaker Gyro |
| 180.0 | 163.10 | -54.10 | EZ | | 53842 |
| 200.0 | 162.46 | -54.35 | G | O | North Seaker Gyro |
| 210.0 | 162.47 | -54.33 | G | O | North Seaker Gyro |
| 230.0 | 162.44 | -54.22 | G | O | North Seaker Gyro |
| 240.0 | 162.45 | -54.14 | G | O | North Seaker Gyro |
| 260.0 | 162.34 | -54.03 | G | O | North Seaker Gyro |
| 270.0 | 162.31 | -53.92 | G | O | North Seaker Gyro |
| 290.0 | 162.32 | -53.81 | G | O | North Seaker Gyro |
| 300.0 | 162.23 | -53.69 | G | O | North Seaker Gyro |
| 320.0 | 162.27 | -53.56 | G | O | North Seaker Gyro |
| 330.0 | 162.34 | -53.52 | G | O | North Seaker Gyro |
| 350.0 | 162.25 | -53.36 | G | O | North Seaker Gyro |
| 360.0 | 162.26 | -53.24 | G | O | North Seaker Gyro |
| 380.0 | 162.32 | -53.04 | G | O | North Seaker Gyro |
| 400.0 | 162.28 | -52.84 | G | O | North Seaker Gyro |
| 420.0 | 160.90 | -52.30 | EZ | | 54701 |
| 430.0 | 162.43 | -52.44 | G | O | North Seaker Gyro |
| 450.0 | 162.30 | -51.70 | EZ | | 54225 |
| 460.0 | 162.60 | -51.99 | G | O | North Seaker Gyro |
| 480.0 | 162.20 | -51.30 | EZ | | 54354 |
| 490.0 | 162.97 | -51.56 | G | O | North Seaker Gyro |

## Hole number: KLUC19-551

**Survey data**

| Depth | Azimuth dec. | Dip dec. | Type | Flag | Comments |
|---|---|---|---|---|---|
| 500.0 | 162.94 | -51.39 | G | O | North Seaker Gyro |
| 520.0 | 163.12 | -51.08 | G | O | North Seaker Gyro |
| 582.0 | 165.20 | -49.80 | EZ | O | 53789 |
| 510.0 | 163.03 | -51.22 | G | O | North Seaker Gyro |
| 522.0 | 163.90 | -50.80 | EZ | | 53834 |

| Certificate |
|---|
| TM19189249 |
| TM19193228 |
| TM19195897 |
| TM19200119 |
| TM19202329 |

| Sample dispatch | Lab package | Sample list* |
|---|---|---|
| CXE5505D19-049 | Excaon1 | CAOND108846 - CAOND108992 |
| CXE5505D19-051 | Excaon1 | CAOND108993 - CAOND109000<br>CAOND125001 - CAOND125065 |
| CXE5505D19-052 | Excaon1 | CAOND125066 - CAOND125200 |
| CXE5505D19-053 | Excaon1 | CAOND125201 - CAOND125328 |
| CXE5505D19-054 | Excaon1 | CAOND125329 - CAOND125378 |

*The sample list may content samples from other holes

| Sample number | Standard |
|---|---|
| CAOND108930 | CDN-GS-5W |
| CAOND108945 | CDN-CM-28-AEM |
| CAOND108960 | CDN-CM-27-AEM |
| CAOND108970 | BLANK-DB |
| CAOND108975 | CDN-GS-5W |
| CAOND108990 | CDN-CM-28-AEM |
| CAOND125015 | CDN-CM-27-AEM |
| CAOND125020 | BLANK-DB |
| CAOND125030 | CDN-GS-5W |
| CAOND125045 | CDN-CM-28-AEM |
| CAOND125060 | CDN-CM-27-AEM |
| CAOND125070 | BLANK-DB |
| CAOND125075 | CDN-GS-5W |
| CAOND125090 | CDN-CM-28-AEM |
| CAOND125115 | CDN-CM-27-AEM |
| CAOND125120 | BLANK-DB |
| CAOND125130 | CDN-GS-5W |
| CAOND125145 | CDN-CM-28-AEM |
| CAOND125160 | CDN-CM-27-AEM |
| CAOND125170 | BLANK-DB |
| CAOND125175 | CDN-GS-5W |
| CAOND125190 | CDN-CM-28-AEM |
| CAOND125215 | CDN-CM-27-AEM |
| CAOND125220 | BLANK-DB |
| CAOND125230 | CDN-GS-5W |
| CAOND125245 | CDN-CM-28-AEM |
| CAOND125260 | CDN-CM-27-AEM |

**Hole number:** KLUC19-551

| Sample number | Standard |
|---|---|
| CAOND125270 | BLANK-DB |
| CAOND125275 | CDN-GS-5W |
| CAOND125290 | CDN-CM-28-AEM |
| CAOND125315 | CDN-CM-27-AEM |
| CAOND125320 | BLANK-DB |
| CAOND125330 | CDN-GS-5W |
| CAOND125345 | CDN-CM-28-AEM |
| CAOND125360 | CDN-CM-27-AEM |
| CAOND125370 | BLANK-DB |
| CAOND125375 | CDN-GS-5W |

**Major:** **From:** 0.00 **To:** 21.00 OVB, Overburden

**Major:** **From:** 21.00 **To:** 30.80 I2Dm, Mafic Syenite

Composition: Medium greenish purple with minor pinkish spots and passages, fine grained, weakly chaotic, rather homogeneous I2Dm / S?- Mafic syenite/ Sediments? Magnetism: Moderate magnetic. Veinning: 1-2% mm scale calcite-Carb veining. Structure: Weak chaotic deformation; locally fractured Alteration: Weak to moderate Chl, K-spar and Hematite, Carb Mineralization: None observed. Lower Contact: Sharp, clear @ 45°

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

21.00, 30.80, HEM+, PEN, MOD, -, -, -, in association with Chl, K-spar and Carbonate

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

21.00, 23.50, FRA, MOD, -, -, -, -, irregular angle

23.50, 30.80, FRA, WEAK, 60.00, -, -, -, with short passages moderate Fr

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108921 | 21.0 | 22.5 | 1.5 | 0.017 | | | | |
| CAOND108922 | 22.5 | 24.0 | 1.5 | 0.044 | | | | |
| CAOND108923 | 24.0 | 25.5 | 1.5 | 0.024 | | | | |
| CAOND108924 | 25.5 | 27.0 | 1.5 | 0.123 | | | | |
| CAOND108926 | 27.0 | 28.5 | 1.5 | 0.032 | | | | |
| CAOND108927 | 28.5 | 30.0 | 1.5 | 0.022 | | | | |
| CAOND108928 | 30.0 | 30.8 | 0.8 | 0.021 | | | | |

**Major:** **From:** 30.80 **To:** 42.50 V8m, Trachyte mafic

Composition: Medium greenish grey with dark purplish, very fine to fine grained, weakly chaotic but and massive; V8m /V8mt?- Mafic Trachyte / Mafic trachyte tuff? Magnetism: Moderate to strongly magnetic. Veinning: ~2-5% mm scale calcite veinlets. Structure: weakly chaotic but rather massive Alteration: Moderate to strong Calcite, moderate magnetite and Chl alteration, weak Hematite Mineralization: None observed Lower Contact: Sharp, 15°

**TEXTURE**

TYPE/COLOR/GRAIN_SIZE/COMMENTS

30.80, 42.50, TFS, -, -, possibly weakly tuffaceous mafic trachyte

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108929 | 30.8 | 32.0 | 1.2 | 0.180 | | | | |
| CAOND108931 | 32.0 | 33.5 | 1.5 | 0.051 | | | | |
| CAOND108932 | 33.5 | 35.0 | 1.5 | 0.037 | | | | |
| CAOND108933 | 35.0 | 36.5 | 1.5 | 0.043 | | | | |
| CAOND108934 | 36.5 | 38.0 | 1.5 | 0.035 | | | | |
| CAOND108935 | 38.0 | 39.5 | 1.5 | 0.075 | | | | |
| CAOND108936 | 39.5 | 41.0 | 1.5 | 0.040 | | | | |

## Hole number: KLUC19-551

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
30.80, 42.50, CAL+, PEN, STRONG, -, -, -, strong reaction to HCl
30.80, 42.50, MAG+, PEN, MOD, -, -, -, in association with Hematite and Chlorite

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
30.80, 33.00, FRA, WEAK, -, -, -, -, to locally moderate; various angles
41.50, 42.50, FRA, MOD, -, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108937 | 41.0 | 42.5 | 1.5 | 0.034 | | | | |

**Major: From:** 42.50 **To:** 43.50 I2Dp, Porphyritic Syenite

Composition: Medium brownish red grey, fine to coarser grained but rather equigranular and weakly porphyritic , homogeneous, weakly mafic; I2Dp/ I2D-Porphyritic syenite/ Syenite Magnetism: Non magnetic. Veinning: less than 1% mm scale calcite veining. Structure: Weak parallel deformation. Alteration: Moderate pervasive calcite. Mineralization: None observed. Lower Contact: Sharp, 15°

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
42.50, 43.50, MAG+, PEN, MOD, -, -, -, -
42.50, 43.50, CAL+, PEN, STRONG, -, -, -, strong reaction to HCl
42.50, 43.50, CHL+, PEN, MOD, -, -, -, in alternance with H and Hematite(weak) and Magnetite

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
42.50, 43.50, FRA, MOD, -, -, -, -, -

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108938 | 42.5 | 43.5 | 1.0 | 0.087 | | | | |

**Major: From:** 43.50 **To:** 57.40 V8mt, Trachyte mafic tuff

Composition: Medium dark greenish grey with pinkish-purple and brownish passages, very fine to fine grained and looking intrusive equigranular by short passages in and out, weakly chaotic, possibly tuffaceous and frequent dissolution marks V8m/V8mt? - Mafic Trachyte / Mafic Trachyte tuff ? Magnetism: Moderate to strongly magnetic. Veinning: 5-10% irregular, vuggy, hematized calcite veins Structure: weakly chaotic and tuffaceous? with dissolution fractures Alteration: Moderate to strong calcite, weak hematite, moderate magnetite and Chl alteration Mineralization: traces of Py Lower Contact: transitional, 60°

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
43.50, 50.50, MAG+, PEN, MOD, -, -, -, -
43.50, 57.40, CAL+, PEN, STRONG, -, -, -, strong reaction to HCl
43.50, 57.40, CHL+, PEN, MOD, -, -, -, in alternance with H and Hematite(weak) and Magnetite
52.00, 57.40, MAG+, PAT, WEAK, -, -, -, to locally moderate

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
44.90, 45.10, FRA, MOD, -, -, -, -, very possible dissolution fracture

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108939 | 43.5 | 45.0 | 1.5 | 0.027 | | | | |
| CAOND108940 | 45.0 | 46.5 | 1.5 | 0.028 | | | | |
| CAOND108941 | 46.5 | 48.0 | 1.5 | 0.058 | | | | |
| CAOND108942 | 48.0 | 49.5 | 1.5 | 0.012 | | | | |
| CAOND108943 | 49.5 | 51.0 | 1.5 | 0.046 | | | | |
| CAOND108944 | 51.0 | 52.5 | 1.5 | 0.030 | | | | |
| CAOND108946 | 52.5 | 54.0 | 1.5 | 0.028 | | | | |
| CAOND108947 | 54.0 | 55.5 | 1.5 | 0.023 | | | | |
| CAOND108948 | 55.5 | 56.5 | 1.0 | 0.013 | | | | |
| CAOND108949 | 56.5 | 57.4 | 0.9 | 0.026 | | | | |

**Hole number:** KLUC19-551

48.40, 54.00, FRA, WEAK, -, -, -, -, to locally moderate, very possible dissolution fractures
55.50, 57.40, SHR, MOD, 50.00, -, -, -, shared passage with moderate fragmented intervals
56.20, 57.40, FRA, MOD, -, -, -, -, in shared passage
57.30, 57.40, LWC, MOD, 40.00, -, -, -, marked by ca-Chl alteration and rock type

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
44.80, 57.00, CAL, 10.00, -, -, -, -, -, -, -, -, -, irregular Calcite hematized veins, partially vuggy 0

**Major:** **From:** 57.40 **To:** 69.00 I2Dmp, Syenite mafic porphyryitic

Composition: Medium purplish-green grey, dark green spotted (altered hornblende?/ amphybols) weakly chaotic I2Dmp - Mafic porphyritic syenite Magnetism: Moderate magnetic. Veinning: 2-5% calcite, locally Qtz-Calcite-Chl brecciated, 3 cm vein Structure: weakly chaotic but rather massive, locally with a certain lineation of the amphybols Alteration: Moderate to strong pervasive calcite, amphybols, hematite Mineralization: Cpy traces Lower Contact: Transitional, 60°

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
57.40, 69.00, CHL+, PEN, MOD, -, -, -, in alternance with H and Hematite(weak) and Magnetite
57.40, 68.50, AMP+, SPO, MOD, -, -, -, spotty altered amphybols

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
64.20, 64.50, FRA, WEAK, 70.00, -, -, -, weak to moderate broken passage

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
62.00, 62.10, QtzCalChl, 20.00, 50.00, -, -, -, -, 3.00, BRC, -, -, brecciated 3-5 cm large Qtz-Ca-Chl vein with Cpy traces

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108951 | 57.4 | 58.5 | 1.1 | 0.034 | | | | |
| CAOND108952 | 58.5 | 60.0 | 1.5 | 0.040 | | | | |
| CAOND108953 | 60.0 | 61.5 | 1.5 | 0.055 | | | | |
| CAOND108954 | 61.5 | 63.0 | 1.5 | 0.238 | | | | |
| CAOND108955 | 63.0 | 64.5 | 1.5 | 0.043 | | | | |
| CAOND108956 | 64.5 | 66.0 | 1.5 | 0.010 | | | | |
| CAOND108957 | 66.0 | 67.5 | 1.5 | 0.022 | | | | |
| CAOND108958 | 67.5 | 69.0 | 1.5 | 0.032 | | | | |

**Major:** **From:** 69.00 **To:** 74.90 V8m, Trachyte mafic

Composition: Medium green grey with dark red-purplish spots, very fine to fine grained, weakly chaotic / toffaceous, locally looking igneous V8m / V8mt?- Mafic Trachyte / Mafic trachyte tuff? Magnetism: Moderate to strongly magnetic. Veinning: ~2% mm scale calcite veinlets. Structure: weakly chaotic/tuffaceous Alteration: Moderate to strong pervasive calcite, moderate Chl alteration Mineralization: not significant/none observed Lower Contact: transitional, 45°

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
69.00, 74.90, CHL+, PEN, MOD, -, -, -, in alternance with H and Hematite(weak) and Magnetite

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108959 | 69.0 | 70.5 | 1.5 | 0.033 | | | | |
| CAOND108961 | 70.5 | 72.0 | 1.5 | 0.022 | | | | |
| CAOND108962 | 72.0 | 73.5 | 1.5 | 0.043 | | | | |
| CAOND108963 | 73.5 | 74.9 | 1.4 | 0.064 | | | | |

## Hole number: KLUC19-551

**Major:** **From:** 74.90 **To:** 78.90 I2Dm, Mafic Syenite

Composition: medium dark red-purplish grey, fine grained, weakly chaotic with a passage (1 m) of V8mt; I2Dm / S?- Mafic syenite/Sediment? Magnetism: Weak to non magnetic. Veinning: 2-5% caclite veining. Structure: locally fragmented Alteration: Strong calcite, moderate Hematite, K-spar, weak Chl Mineralization: not significant/none observed. Lower Contact: Sharp, 50°

**MINOR INTERVAL**

76.40 - 77.60: V8mt

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

74.90, 75.00, CHL+, PEN, MOD, -, -, -, in alternance with H and Hematite(weak) and Magnetite
75.00, 78.90, CAL+, PEN, STRONG, -, -, -, strong reaction to HCl
75.00, 78.90, HEM+, PEN, MOD, -, -, -, patches of Chl associated

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

77.30, 78.00, FRA, MOD, -, -, -, -, to strong, possibly from Calcite dissolution and, also marking the contact
78.80, 78.90, LWC, MOD, 50.00, -, -, -, marked by litho type change

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108964 | 74.9 | 76.4 | 1.5 | 0.094 | | | | |
| CAOND108965 | 76.4 | 77.5 | 1.1 | 0.008 | | | | |
| CAOND108966 | 77.5 | 78.9 | 1.4 | 0.018 | | | | |

**Major:** **From:** 78.90 **To:** 87.00 V8mt, Trachyte mafic tuff

Composition: Medium dark greenish grey, fine grained, tuffaceous passages in alternance with possibly igneous short in-out passages, weakly chaotic, still a certain paralled deformation noticed, V8m - Mafic Trachyte based on Ti rate Magnetism: Moderate magnetic. Veinning: ~2-5% mm scale chaotic calcite veinlets Structure: weak parallel deformation Alteration: Strong calcite, weak hematite, weak to moderate Chl alteration Mineralization: none observed Lower Contact: transitional, 60°

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

78.90, 87.00, CAL+, PEN, STRONG, -, -, -, strong reaction to HCl
78.90, 87.00, HEM+, PEN, MOD, -, -, -, patches of Chl associated
79.00, 87.00, CHL+, PEN, MOD, -, -, -, -

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

78.90, 87.00, LNT, WEAK, 40.00, -, -, -, to locally moderate

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108967 | 78.9 | 80.0 | 1.1 | 0.003 | | | | |
| CAOND108968 | 80.0 | 81.0 | 1.0 | 0.053 | | | | |
| CAOND108969 | 81.0 | 82.5 | 1.5 | 0.070 | | | | |
| CAOND108971 | 82.5 | 84.0 | 1.5 | 0.029 | | | | |
| CAOND108972 | 84.0 | 85.5 | 1.5 | 0.031 | | | | |
| CAOND108973 | 85.5 | 87.0 | 1.5 | 0.013 | | | | |

**Major:** **From:** 87.00 **To:** 95.80 I2Dmt, Syenite Mafic Trachytic

Composition: Medium dark green grey, dark red-purplish with pinkish chaotic calcite veinlets I2Dmt - Syenite mafic trachytic Magnetism: weak to moderate magnetic Veinning: ~5% calcite and Qtz-Calcite-Chl veining Structure: weakly chaotic but rather massive, locally parallel deformation Alteration: Moderate to strong pervasive calcite, weak to moderate hematite and Chl, Carb ± Sericite Mineralization: Cpy Lower Contact: Gradual,~ 30°

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108974 | 87.0 | 88.5 | 1.5 | 0.030 | | | | |
| CAOND108976 | 88.5 | 90.0 | 1.5 | 0.026 | | | | |
| CAOND108977 | 90.0 | 91.2 | 1.2 | 0.018 | | | | |
| CAOND108978 | 91.2 | 92.2 | 1.0 | 0.013 | | | | |

**Hole number:** KLUC19-551

**MINOR INTERVAL**
93.10 - 94.60: V8mt

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
88.30, 93.20, CPY, -, .50, -, -, patches associated to Qtz-Ca-Chl veins and locally Py in thin fractures

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
87.00, 88.00, CAL+, PEN, STRONG, -, -, -, strong reaction to HCl
87.00, 91.00, HEM+, PEN, MOD, -, -, -, patches of Chl associated
87.00, 94.60, CHL+, PEN, MOD, -, -, -, -
88.00, 95.80, CAL+, PEN, MOD, -, -, -, locally weakly(hard, hematized, weakly porphyritic Syenite)

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
87.00, 90.00, LNT, WEAK, 40.00, -, -, -, to locally moderate
87.80, 94.60, FOL, WEAK, 40.00, -, -, -, passages with weak parallel deformation/ lineation alterning with massive intervals

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
89.10, 89.20, CalChl, 45.00, 50.00, -, -, -, -, 6.00, IRR, CPY, .50, Calcite-Hematite-Chlorite ± Carbonate irregular, ~6 cm vein
90.60, 90.70, QtzCalChl, 30.00, 50.00, -, -, -, -, 3.00, BAN, CPY, 1.00, banded 1 and 2 cm Qtz-Calcite-Hem- Chl veins with local Cpy patch

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108979 | 92.2 | 93.1 | 0.9 | 0.040 | | | | |
| CAOND108981 | 93.1 | 94.6 | 1.5 | 0.080 | | | | |
| CAOND108982 | 94.6 | 95.8 | 1.2 | 0.023 | | | | |

**Major:** **From:** 95.80 **To:** 97.20 I2Dp, Porphyritic Syenite

Composition: Medium brownish red grey, fine grained, weakly porphyritic, hard intrusive I2Dp/ Porphyry Syenite Magnetism: Non magnetic. Veinning: less than 1% mm scale calcite veining. Structure: locally fragmented Alteration: moderate Hematite, weak pervasive calcite and Chl Mineralization: None observed. Lower Contact: Gradual,30°

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
95.80, 97.20, CAL+, PEN, MOD, -, -, -, locally weakly(hard, hematized, weakly porphyritic Syenite)
95.80, 97.20, HEM+, PEN, MOD, -, -, -, weakly or stronger by passages

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108983 | 95.8 | 97.2 | 1.4 | 0.012 | | | | |

**Major:** **From:** 97.20 **To:** 102.20 I2Dm, Mafic Syenite

Composition: medium brownish - red grey to pinkish - beige fine grained to locally possible altered and deformed phenocrists of fedspar? I2Dm /I2Dmp/ S?- Mafic syenite/SyeniteMafic Porphyritic/ Sediment? Magnetism: Moderate magnetic. Veinning: ~2% calcite-Chl veining Structure: weakly foliated Alteration: Weak to moderate Hematite, Calcite, Carb, Chl Mineralization: Specularite in fractures Lower Contact:

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108984 | 97.2 | 98.5 | 1.3 | 0.017 | | | | |
| CAOND108985 | 98.5 | 100.0 | 1.5 | 0.027 | | | | |
| CAOND108986 | 100.0 | 101.5 | 1.5 | 0.019 | | | | |

**Hole number:** KLUC19-551

Gradual, 50°

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

97.20, 102.20, CAL+, PEN, MOD, -, -, -, locally weakly(hard, hematized, weakly porphyritic Syenite)
97.20, 102.20, HEM+, PEN, MOD, -, -, -, weakly or stronger by passages
97.20, 102.20, KFS+, PEN, WEAK, -, -, -, in association with Hematite
97.20, 102.20, MAG+, SPO, MOD, -, -, -, -
97.20, 102.20, CAL+, PEN, MOD, -, -, -, -

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

99.40, 102.00, FOL, WEAK, 50.00, -, -, -, thin fractures filled with Chl

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108987 | 101.5 | 102.2 | 0.7 | 0.014 | | | | |

**Major:** **From:** 102.20 **To:** 107.20 FPs, Spotted Feldspar Porphyry

Composition: Medium pink - brownish grey, fine to coarser grained (feldspar spotted), porphyritic , rather homogeneous, FPs/Spotted Feldspar Porphyry Magnetism: Moderate to strong magnetic. Veinning: ~ 1% calcite veining. Structure: Locally dissolution fragmentation Alteration: Weak to moderate pervasive calcite, k-spar, Hematite, Moderate Magnetite Mineralization: Locally massive Cpy Lower Contact: Discreet, discordant?, 50°

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

102.20, 103.00, CAL+, PEN, MOD, -, -, -, locally weakly(hard, hematized, weakly porphyritic Syenite)
102.20, 107.20, HEM+, PEN, MOD, -, -, -, weakly or stronger by passages
102.20, 107.20, KFS+, PEN, WEAK, -, -, -, in association with Hematite
102.20, 107.20, MAG+, SPO, MOD, -, -, -, -
102.20, 107.20, CAL+, PEN, MOD, -, -, -, -

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

103.80, 104.40, FRA, WEAK, -, -, -, -, dissolution fractures

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108988 | 102.2 | 103.5 | 1.3 | 0.022 | | | | |
| CAOND108989 | 103.5 | 104.4 | 0.9 | 0.018 | | | | |
| CAOND108991 | 104.4 | 105.5 | 1.1 | 0.015 | | | | |
| CAOND108992 | 105.5 | 106.5 | 1.0 | 0.009 | | | | |
| CAOND108993 | 106.5 | 107.2 | 0.7 | 0.008 | | | | |

**Major:** **From:** 107.20 **To:** 154.70 I2Dm, Mafic Syenite

Composition: Medium red-purplish -greenish- with beige-light brownish (leached) grey, fine grained, I2Dm / S? - Mafic syenite/Sediment? Magnetism: Moderate to locally strongly magnetic. Veinning: 5-10% Qtz- calcite partially vuggy/disolved veining. Structure: locally fragmented Alteration: Strong calcite, moderate Hematite, K-spar, weak to moderate Chl, weak to moderate Magnetite, Bleaching by passages Mineralization: not significant but locally Cpy patches generally associated to Qtz-Cal veins Lower Contact: Sharp, 50°

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

107.20, 154.70, HEM+, PEN, MOD, -, -, -, weakly or stronger by passages
107.20, 118.00, CAL+, PEN, MOD, -, -, -, -
112.70, 114.00, LEA+, PEN, WEAK, -, -, -, to moderate, washing out the magnetite and making the rock

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND108994 | 107.2 | 108.5 | 1.3 | 0.018 | | | | |
| CAOND108995 | 108.5 | 110.0 | 1.5 | 0.026 | | | | |
| CAOND108996 | 110.0 | 111.5 | 1.5 | 0.009 | | | | |
| CAOND108997 | 111.5 | 113.0 | 1.5 | 0.006 | | | | |
| CAOND108998 | 113.0 | 114.5 | 1.5 | 0.015 | | | | |
| CAOND108999 | 114.5 | 116.0 | 1.5 | 0.093 | | | | |
| CAOND125001 | 116.0 | 117.0 | 1.0 | 0.133 | | | | |
| CAOND125002 | 117.0 | 118.0 | 1.0 | 0.037 | | | | |

**Hole number:** KLUC19-551

slightly porous
131.00, 154.70, LEA+, PEN, WEAK, -, -, -, to moderate, washing out the magnetite and Chl and eventually letting only traces of Py and Cpy and making the rock slightly porous

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
110.30, 110.70, GGE, MOD, 50.00, -, -, -, two muddy gouges -110.3-110.4m and 110.6-110.7m
111.70, 112.50, FRA, MOD, 60.00, -, -, -, local stronlgy fragmentation from dissolution
153.00, 154.70, FRA, WEAK, -, -, -, -, to short broken passages

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
108.00, 154.70, QtzCal, 5.00, -, -, -, -, -, -, -, -, -, very approximatly just to show a certain frequence of Qtz-Calcite or Calcite only or dominant veins, some of them disolved and some vuggy; irregular veins and hematized

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND125003 | 118.0 | 119.5 | 1.5 | 0.033 | | | | |
| CAOND125004 | 119.5 | 121.0 | 1.5 | 0.113 | | | | |
| CAOND125005 | 121.0 | 122.0 | 1.0 | 0.156 | | | | |
| CAOND125006 | 122.0 | 123.0 | 1.0 | 0.011 | | | | |
| CAOND125007 | 123.0 | 124.5 | 1.5 | 0.029 | | | | |
| CAOND125008 | 124.5 | 126.0 | 1.5 | 0.012 | | | | |
| CAOND125009 | 126.0 | 127.5 | 1.5 | 0.008 | | | | |
| CAOND125010 | 127.5 | 129.0 | 1.5 | 0.029 | | | | |
| CAOND125011 | 129.0 | 130.5 | 1.5 | 0.015 | | | | |
| CAOND125012 | 130.5 | 132.0 | 1.5 | 0.008 | | | | |
| CAOND125013 | 132.0 | 133.5 | 1.5 | 0.020 | | | | |
| CAOND125014 | 133.5 | 135.0 | 1.5 | 0.017 | | | | |
| CAOND125016 | 135.0 | 136.0 | 1.0 | 0.010 | | | | |
| CAOND125017 | 136.0 | 137.0 | 1.0 | 0.007 | | | | |
| CAOND125018 | 137.0 | 138.5 | 1.5 | 0.046 | | | | |
| CAOND125019 | 138.5 | 140.0 | 1.5 | 1.335 | | | | |
| CAOND125021 | 140.0 | 141.5 | 1.5 | 0.659 | | | | |
| CAOND125022 | 141.5 | 143.0 | 1.5 | 0.032 | | | | |
| CAOND125023 | 143.0 | 144.5 | 1.5 | 0.026 | | | | |
| CAOND125024 | 144.5 | 146.0 | 1.5 | 0.120 | | | | |
| CAOND125026 | 146.0 | 147.5 | 1.5 | 0.710 | | | | |
| CAOND125027 | 147.5 | 149.0 | 1.5 | 0.014 | | | | |
| CAOND125028 | 149.0 | 150.5 | 1.5 | 0.014 | | | | |
| CAOND125029 | 150.5 | 152.0 | 1.5 | 0.236 | | | | |
| CAOND125031 | 152.0 | 153.0 | 1.0 | 0.013 | | | | |
| CAOND125032 | 153.0 | 154.0 | 1.0 | 0.012 | | | | |
| CAOND125033 | 154.0 | 154.7 | 0.7 | 0.015 | | | | |

**Major:** **From:** 154.70 **To:** 164.90 V8, Trachyte

Composition: Medium greenish grey with pinkish, very fine to fine grained, weakly chaotic V8m /V8mt?-Mafic Trachyte / Mafic trachyte tuff? Magnetism: Moderate to strongly magnetic. Veinning: ~10% mm scale irregular pinkish calcite veinlets. Structure: weakly chaotic but rather sheared Alteration: Moderate to strong Calcite, moderate Chl alteration, weak Hematite Mineralization: None observed
Lower Contact: Sharp
**ALTERATION**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND125034 | 154.7 | 156.0 | 1.3 | 0.039 | | | | |
| CAOND125035 | 156.0 | 157.5 | 1.5 | 0.148 | | | | |
| CAOND125036 | 157.5 | 159.0 | 1.5 | 0.015 | | | | |
| CAOND125037 | 159.0 | 160.5 | 1.5 | 0.024 | | | | |
| CAOND125038 | 160.5 | 162.0 | 1.5 | 0.039 | | | | |

**Hole number:** KLUC19-551

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
154.70, 155.00, HEM+, PEN, MOD, -, -, -, weakly or stronger by passages
154.70, 164.90, CHL+, PEN, MOD, -, -, -, -

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
154.70, 156.00, SHR, MOD, 60.00, -, -, -, -

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
154.70, 156.00, QtzCal, 5.00, -, -, -, -, -, -, -, -, -, very approximatly just to show a certain frequence of Qtz-Calcite or Calcite only or dominant veins, some of them disolved and some vuggy; irregular veins and hematized

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND125039 | 162.0 | 163.5 | 1.5 | 0.037 | | | | |
| CAOND125040 | 163.5 | 164.9 | 1.4 | 0.020 | | | | |

**Major:** **From:** 164.90 **To:** 230.30 I2DAltBx, Syenite Alteration Breccia

Composition: Medium pink and dark pinkish purple with minor pale pink and dark green, fine to medium grained, massive but dominantly chaotic, local intervals of moderate to strongly pitted/porous, weakly brecciated appearance; I2DAltBx - Syenite altered breccia. Magnetism: Strongly magnetic. Veinning: Rare to 1% mm scale chaotic calcite veinning. Structure: Local weak to moderately brittely deformed and healed fracturing. Alteration: Strong pervasive calcite alteration and weak to moderate stringers and patches of chlorite alteration. Mineralization: 0.1-0.5% localy disseminated very fine grained Py and patchy chalcopyrite. Lower Contact: Sharp but irregular and weakly sheared.

**MINOR INTERVAL**
169.30 - 169.90: I2DMinor interval of massive dark purple syenite intrusion

**TEXTURE**
TYPE/COLOR/GRAIN_SIZE/COMMENTS
164.90, 176.50, BRC, -, -, weak brecciated appearance
164.90, 177.00, PRU, -, -, weak to moderately pitted/porous
186.00, 199.00, PRU, -, FGR, Moderate to strongly pitted/porous
201.30, 207.00, BRC, -, -, Weak to moderate brecciated texutres
203.00, 214.00, PRU, -, FGR, Moderate to strongly pitted/porous

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
184.50, 186.20, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained dissemianted PY
201.30, 207.00, CPY, DIS, 1.00, -, VFG, 1-2% very fine grained dissemianted and clustered chalcopyrite
201.30, 207.00, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained dissemianted PY

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND125041 | 164.9 | 166.0 | 1.1 | 0.038 | | | | |
| CAOND125042 | 166.0 | 167.5 | 1.5 | 0.060 | | | | |
| CAOND125043 | 167.5 | 169.0 | 1.5 | 0.014 | | | | |
| CAOND125044 | 169.0 | 170.0 | 1.0 | 0.164 | | | | |
| CAOND125046 | 170.0 | 171.5 | 1.5 | 0.016 | | | | |
| CAOND125047 | 171.5 | 173.0 | 1.5 | 0.022 | | | | |
| CAOND125048 | 173.0 | 174.5 | 1.5 | 0.026 | | | | |
| CAOND125049 | 174.5 | 176.0 | 1.5 | 0.050 | | | | |
| CAOND125051 | 176.0 | 177.5 | 1.5 | 0.021 | | | | |
| CAOND125052 | 177.5 | 179.0 | 1.5 | 0.017 | | | | |
| CAOND125053 | 179.0 | 180.5 | 1.5 | 0.023 | | | | |
| CAOND125054 | 180.5 | 182.0 | 1.5 | 0.017 | | | | |
| CAOND125055 | 182.0 | 183.5 | 1.5 | 0.068 | | | | |
| CAOND125056 | 183.5 | 185.0 | 1.5 | 0.064 | | | | |
| CAOND125057 | 185.0 | 186.5 | 1.5 | 19.250 | | | | |
| CAOND125058 | 186.5 | 188.0 | 1.5 | 0.140 | | | | |
| CAOND125059 | 188.0 | 189.5 | 1.5 | 0.112 | | | | |
| CAOND125061 | 189.5 | 191.0 | 1.5 | 0.024 | | | | |
| CAOND125062 | 191.0 | 192.5 | 1.5 | 0.039 | | | | |
| CAOND125063 | 192.5 | 194.0 | 1.5 | 0.430 | | | | |
| CAOND125064 | 194.0 | 195.5 | 1.5 | 0.030 | | | | |

**Hole number:** KLUC19-551

164.90, 176.50, CAL+, PEN, STRONG, -, -, -, Strong pervasive and weakly pitted calcite alteration
176.50, 186.00, CAL+, PEN, MOD, -, -, -, Moderate to weak pervasive calcite alteration
186.00, 199.00, CAL+, PEN, STRONG, -, -, -, Strong pervasive calcite alteration and moderately pitted
199.00, 225.00, CAL+, PEN, MOD, -, -, -, Moderate pervasive to patchy calcite alteration
201.30, 207.00, KFS+, PAT, MOD, -, -, -, Moderate patchy pink kspar? alteration
207.00, 230.30, CHL+, PAT, MOD, -, -, -, Moderate patchy bluish green chl alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
186.00, 192.00, BRR, WEAK, -, -, -, -, Weak broken/fractured core
218.00, 230.30, DFZ, MOD, -, -, -, -, Moderate relatively parallel deformation
218.00, 230.30, FOL, WEAK, 40.00, -, -, -, Weak preferential alignment at 40- 50 TCA

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
169.30, 169.90, QTZ_2, 1.00, -, -, -, -, -, -, -, -, CPY, 1.00, 1-2% irregular qtz-cal veinning 0.5-1cm thick with 1% very fine grained chalcopyrite at vein contacts and in fractures
201.30, 207.00, CBT, 1.00, -, -, -, -, -, -, -, -, -, 1% irregular and chaotic carb veinning

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND125065 | 195.5 | 197.0 | 1.5 | 0.033 | | | | |
| CAOND125066 | 197.0 | 198.5 | 1.5 | 0.030 | | | | |
| CAOND125067 | 198.5 | 200.0 | 1.5 | 0.201 | | | | |
| CAOND125068 | 200.0 | 201.5 | 1.5 | 0.173 | | | | |
| CAOND125069 | 201.5 | 203.0 | 1.5 | 0.086 | | | | |
| CAOND125071 | 203.0 | 204.5 | 1.5 | 0.283 | | | | |
| CAOND125072 | 204.5 | 206.0 | 1.5 | 0.300 | | | | |
| CAOND125073 | 206.0 | 207.5 | 1.5 | 0.136 | | | | |
| CAOND125074 | 207.5 | 209.0 | 1.5 | 0.166 | | | | |
| CAOND125076 | 209.0 | 210.5 | 1.5 | 0.078 | | | | |
| CAOND125077 | 210.5 | 212.0 | 1.5 | 0.062 | | | | |
| CAOND125078 | 212.0 | 213.5 | 1.5 | 0.049 | | | | |
| CAOND125079 | 213.5 | 215.0 | 1.5 | 0.054 | | | | |
| CAOND125081 | 215.0 | 216.5 | 1.5 | 0.046 | | | | |
| CAOND125082 | 216.5 | 218.0 | 1.5 | 0.031 | | | | |
| CAOND125083 | 218.0 | 219.5 | 1.5 | 0.156 | | | | |
| CAOND125084 | 219.5 | 221.0 | 1.5 | 0.345 | | | | |
| CAOND125085 | 221.0 | 222.5 | 1.5 | 0.061 | | | | |
| CAOND125086 | 222.5 | 224.0 | 1.5 | 0.053 | | | | |
| CAOND125087 | 224.0 | 225.5 | 1.5 | 0.020 | | | | |
| CAOND125088 | 225.5 | 227.0 | 1.5 | 0.059 | | | | |
| CAOND125089 | 227.0 | 228.5 | 1.5 | 0.126 | | | | |
| CAOND125091 | 228.5 | 229.5 | 1.0 | 0.208 | | | | |
| CAOND125092 | 229.5 | 230.3 | 0.8 | 0.041 | | | | |

**Major:** **From:** 230.30 **To:** 235.70 I2D, Syénite

Composition: Medium pink and dark purplish grey patches, fine grained and relatively massive and homogeneous; I2D - Syenite. Magnetism: Moderately magnetic. Veinning: <1% mm scale fracture filling calcite veinlets and 2x 10-30cm thick intervals of qtz-cal veinning and clusters of veins. Structure: Weak brittle deformation and healed fracturing. Alteration: Moderate pervasive kspar? alteration, moderate pervasive calcite alteration and moderate stringers and fracture filling chlorite. Mineralization: 2-3% clusters and stringers of chalcopyrite and 1-2% very fine grained disseminated Py. Lower Contact: Sharp and relatively straight; oriented at 40 TCA.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
230.30, 235.70, CPY, PAT, 2.00, -, FGR, 2-3% clustered and stringers of chalcopyrite

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND125093 | 230.3 | 231.5 | 1.2 | 14.650 | | | | |
| CAOND125094 | 231.5 | 233.0 | 1.5 | 0.610 | | | | |
| CAOND125095 | 233.0 | 234.5 | 1.5 | 0.331 | | | | |
| CAOND125096 | 234.5 | 235.7 | 1.2 | 1.060 | | | | |

**Hole number:** KLUC19-551

230.30, 235.70, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained dissemianted PY

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
230.30, 235.70, CAL+, PEN, MOD, -, -, -, Moderate pervasive calcite alteration
230.30, 235.70, CHL+, STG, MOD, -, -, -, Moderate chlorite alteration occuring as stringers and fracture filling
230.30, 235.70, KFS+, PAT, MOD, -, -, -, MOderate patchy kspar alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
230.30, 235.70, DFZ, WEAK, -, -, -, -, Weak brittle chaotic deformation
230.30, 235.70, FRA, WEAK, -, -, -, -, Weak healed chaotic fracturing

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
231.00, 231.10, QTZ_2, 90.00, -, -, -, -, -, -, -, CPY, .50, 10cm thick vuggy qtz-cal vein with 0.5-1% very fine grained chalcopyrite in fractures and at contacts of vein
234.60, 235.20, QTZ_2, 20.00, -, -, -, -, -, -, -, CPY, 2.00, 20% irregular and chaotic cluster of qtz-cal veinning with local patches of chalcopyrite

**Major:** **From:** 235.70 **To:** 252.00 I2DAltBx, Syenite Alteration Breccia

Composition: Medium pink and dark pinkish purple with minor pale pink, beige and dark green, fine to medium grained, massive but dominantly chaotic with weakly brecciated appearance; I2DAltBx - Syenite altered breccia. Magnetism: Strongly magnetic. Veinning: 1-2% mm scale chaotic and discontinous calcite veinning. Structure: Moderate brittle deformation and healed fracturing with weak preferential alignment at 40-50 TCA. Alteration: Strong pervasive calcite alteration and weak stringers and patches of chlorite alteration. Mineralization: 0.1-0.5% localy disseminated very fine grained Py and patchy chalcopyrite. Lower Contact: Sharp but irregular.

**TEXTURE**
TYPE/COLOR/GRAIN_SIZE/COMMENTS
235.70, 252.00, BRC, -, -, Weak breccia texture

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
235.70, 252.00, PYR, DIS, .10, -, VFG, 0.1-0.5% very fine grained disseminated Py

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
235.70, 252.00, CAL+, PEN, STRONG, -, -, -, Strong pervasive calcite alteration
235.70, 252.00, CHL+, STG, WEAK, -, -, -, Weak stringers and fracture filling chl alteration

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND125097 | 235.7 | 237.0 | 1.3 | 0.048 | | | | |
| CAOND125098 | 237.0 | 238.5 | 1.5 | 0.178 | | | | |
| CAOND125099 | 238.5 | 240.0 | 1.5 | 0.482 | | | | |
| CAOND125101 | 240.0 | 241.5 | 1.5 | 0.015 | | | | |
| CAOND125102 | 241.5 | 243.0 | 1.5 | 0.021 | | | | |
| CAOND125103 | 243.0 | 244.5 | 1.5 | 0.013 | | | | |
| CAOND125104 | 244.5 | 246.0 | 1.5 | 0.091 | | | | |
| CAOND125105 | 246.0 | 247.5 | 1.5 | 0.059 | | | | |
| CAOND125106 | 247.5 | 249.0 | 1.5 | 0.011 | | | | |
| CAOND125107 | 249.0 | 250.5 | 1.5 | 0.073 | | | | |
| CAOND125108 | 250.5 | 252.0 | 1.5 | 0.012 | | | | |

**Hole number:** KLUC19-551

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
235.70, 252.00, DFZ, MOD, -, -, -, -, Moderate brittle deformation
235.70, 252.00, FOL, WEAK, -, -, -, -, Weak preferential alignmnet at 40-50 TCA
235.70, 252.00, FRA, MOD, -, -, -, -, Moderate healed chaotic fracturing

**Major:** **From:** 252.00 **To:** 303.40 I2D, Syénite

Composition: Dark purplish grey with patches of pale and medium pink and local pervasive intervals of medium pinkish grey, fine grained and massive with weak chaotic appearance; I2D - Syenite. Magnetism: Moderately magnetic. Veinning: 10-15% irregular and chaotic calcite veinning. Structure: Weak brittle deformation and healed fracturring. Alteration: Moderate to strong patchy calcite alteration and moderate chlorite altration occuring as fracture fillling. Mineralization: 0.1-0.5% very fine grained disseminated Py observed locally. Lower Contact: Sharp and weakly sheared at 45 TCA.

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
252.00, 303.40, CAL+, PAT, MOD, -, -, -, Moderate patchy calcite alteration
252.00, 303.40, CHL+, STG, MOD, -, -, -, Moderate stringer and fracture filling chlortie altration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
252.00, 303.40, DFZ, WEAK, -, -, -, -, Weak brittle deformation
252.00, 303.40, FRA, WEAK, -, -, -, -, Weak chaotic healed microfractures

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
252.00, 294.00, CAL, 10.00, -, -, -, -, -, -, -, -, -, 10% chaotic and irregular calcite veinning

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND125109 | 252.0 | 253.5 | 1.5 | 0.037 | | | | |
| CAOND125110 | 253.5 | 255.0 | 1.5 | 0.029 | | | | |
| CAOND125111 | 255.0 | 256.5 | 1.5 | 0.022 | | | | |
| CAOND125112 | 256.5 | 258.0 | 1.5 | 0.022 | | | | |
| CAOND125113 | 258.0 | 259.5 | 1.5 | 0.016 | | | | |
| CAOND125114 | 259.5 | 261.0 | 1.5 | 0.012 | | | | |
| CAOND125116 | 261.0 | 262.5 | 1.5 | 0.081 | | | | |
| CAOND125117 | 262.5 | 264.0 | 1.5 | 0.058 | | | | |
| CAOND125118 | 264.0 | 265.5 | 1.5 | 0.017 | | | | |
| CAOND125119 | 265.5 | 267.0 | 1.5 | 0.043 | | | | |
| CAOND125121 | 267.0 | 268.5 | 1.5 | 0.021 | | | | |
| CAOND125122 | 268.5 | 270.0 | 1.5 | 0.032 | | | | |
| CAOND125123 | 270.0 | 271.5 | 1.5 | 0.027 | | | | |
| CAOND125124 | 271.5 | 273.0 | 1.5 | 0.039 | | | | |
| CAOND125126 | 273.0 | 274.5 | 1.5 | 0.013 | | | | |
| CAOND125127 | 274.5 | 276.0 | 1.5 | 0.022 | | | | |
| CAOND125128 | 276.0 | 276.9 | 0.9 | 0.049 | | | | |
| CAOND125129 | 276.9 | 278.0 | 1.1 | 0.020 | | | | |
| CAOND125131 | 278.0 | 279.5 | 1.5 | 0.017 | | | | |
| CAOND125132 | 279.5 | 281.0 | 1.5 | 0.017 | | | | |
| CAOND125133 | 281.0 | 282.5 | 1.5 | 0.014 | | | | |
| CAOND125134 | 282.5 | 284.0 | 1.5 | 0.008 | | | | |
| CAOND125135 | 284.0 | 285.5 | 1.5 | 0.019 | | | | |
| CAOND125136 | 285.5 | 287.0 | 1.5 | 0.112 | | | | |
| CAOND125137 | 287.0 | 288.5 | 1.5 | 0.032 | | | | |
| CAOND125138 | 288.5 | 290.0 | 1.5 | 0.035 | | | | |
| CAOND125139 | 290.0 | 291.5 | 1.5 | 0.029 | | | | |
| CAOND125140 | 291.5 | 293.0 | 1.5 | 0.046 | | | | |

**Hole number:** KLUC19-551

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND125141 | 293.0 | 294.5 | 1.5 | 0.228 | | | | |
| CAOND125142 | 294.5 | 295.5 | 1.0 | 0.014 | | | | |
| CAOND125143 | 295.5 | 297.0 | 1.5 | 0.030 | | | | |
| CAOND125144 | 297.0 | 298.5 | 1.5 | 0.010 | | | | |
| CAOND125146 | 298.5 | 300.0 | 1.5 | 0.009 | | | | |
| CAOND125147 | 300.0 | 301.5 | 1.5 | 0.010 | | | | |
| CAOND125148 | 301.5 | 302.5 | 1.0 | 0.062 | | | | |
| CAOND125149 | 302.5 | 303.4 | 0.9 | 0.259 | | | | |

**Major: From:** 303.40 **To:** 343.50 I2DAltBx, Syenite Alteration Breccia

Composition: Dark purplish grey with patches of medium pink, chaotic and brecciated appearance; I2DAltBx - Syenite altered breccia. Magnetism: Moderate to strongly magnetic. Veinning: <1% calcite and qtz-cal chaotic veinning. Structure: Weak deformation, healed fracturing and preferential alignment at 40-50 TCA. Alteration: Moderate to strong pervasive calcite alteration, moderate patches of chlorite alteration. Mineralization: 0.1-0.5% very fine grained disseminated PY. Lower Contact: Contact is place after a brecciated minor unit of I2D. Textures and composition appear to suddenly change.

**MINOR INTERVAL**

310.70 - 312.00: I2DMinor interval with sharp irregular contacts, less altered and none brecciated, massive, dark purplish red with 1-2% qtz-cal veins and 0.5% Py and Cp

**TEXTURE**

TYPE/COLOR/GRAIN_SIZE/COMMENTS

303.40, 343.50, BRC, -, -, Weak brecciated appearance
303.40, 343.50, PRU, -, FGR, Moderate to strongly pitted/porous

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

310.70, 312.00, PYR, DIS, .50, -, VFG, 0.1-0.5% very fine grained disseminated Py
336.00, 338.00, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained dissemianted PY

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

303.40, 327.00, CAL+, PAT, MOD, -, -, -, Moderate patchy calcite alteration
303.40, 327.00, CHL+, STG, MOD, -, -, -, Moderate stringer and fracture filling chlortie altration
327.00, 343.50, CAL+, PEN, STRONG, -, -, -, Strong pervasive calcite, pitted and porous
327.00, 343.50, CHL+, PAT, STRONG, -, -, -, Strong patchy chl alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

303.40, 343.50, DFZ, WEAK, -, -, -, -, Weak brittle deformation
303.40, 343.50, FOL, WEAK, 40.00, -, -, -, Weak preferential alignment at 40-50 TCA

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND125151 | 303.4 | 304.5 | 1.1 | 0.253 | | | | |
| CAOND125152 | 304.5 | 306.0 | 1.5 | 0.011 | | | | |
| CAOND125153 | 306.0 | 307.5 | 1.5 | 0.046 | | | | |
| CAOND125154 | 307.5 | 309.0 | 1.5 | 0.035 | | | | |
| CAOND125155 | 309.0 | 310.0 | 1.0 | 0.011 | | | | |
| CAOND125156 | 310.0 | 310.7 | 0.7 | 0.079 | | | | |
| CAOND125157 | 310.7 | 312.0 | 1.3 | 0.066 | | | | |
| CAOND125158 | 312.0 | 313.5 | 1.5 | 0.050 | | | | |
| CAOND125159 | 313.5 | 315.0 | 1.5 | 0.056 | | | | |
| CAOND125161 | 315.0 | 316.5 | 1.5 | 0.015 | | | | |
| CAOND125162 | 316.5 | 318.0 | 1.5 | 0.010 | | | | |
| CAOND125163 | 318.0 | 319.5 | 1.5 | 0.029 | | | | |
| CAOND125164 | 319.5 | 321.0 | 1.5 | 0.011 | | | | |
| CAOND125165 | 321.0 | 322.5 | 1.5 | 0.050 | | | | |
| CAOND125166 | 322.5 | 324.0 | 1.5 | 0.023 | | | | |
| CAOND125167 | 324.0 | 325.5 | 1.5 | 0.018 | | | | |
| CAOND125168 | 325.5 | 327.0 | 1.5 | 0.035 | | | | |
| CAOND125169 | 327.0 | 328.5 | 1.5 | 0.034 | | | | |
| CAOND125171 | 328.5 | 330.0 | 1.5 | 0.021 | | | | |
| CAOND125172 | 330.0 | 331.5 | 1.5 | 0.195 | | | | |
| CAOND125173 | 331.5 | 333.0 | 1.5 | 0.088 | | | | |
| CAOND125174 | 333.0 | 334.5 | 1.5 | 0.045 | | | | |
| CAOND125176 | 334.5 | 336.0 | 1.5 | 0.023 | | | | |
| CAOND125177 | 336.0 | 337.5 | 1.5 | 0.112 | | | | |

**Hole number:** KLUC19-551

303.40, 343.50, FRA, WEAK, -, -, -, -, weak healed fracturing
323.50, 327.00, BRR, WEAK, -, -, -, -, Weak angular broken/fractured core

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
310.70, 312.00, QTZ_2, 1.00, -, -, -, -, -, -, -, CPY, .50, 1-2% o.5 cm thick qtz-cal veinning with locally clustered CP

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND125178 | 337.5 | 339.0 | 1.5 | 0.067 | | | | |
| CAOND125179 | 339.0 | 340.5 | 1.5 | 0.023 | | | | |
| CAOND125181 | 340.5 | 342.0 | 1.5 | 0.021 | | | | |
| CAOND125182 | 342.0 | 343.5 | 1.5 | 0.049 | | | | |

**Major:** **From:** 343.50 **To:** 444.60 V8m, Trachyte mafic

Composition: Dark green to dark purplish with irregular patches of medium pink and pinkish brown, chaotic texture, melange of trachyte with minor syenite intrusions or clasts? primary features destroyed by pitted and porous alteration. Could be classified as a deformed and altered I2D or I2Dm ??; V8m - Mafic trachyte. Magnetism: Moderate to strong magnetism. Veinning: 3-5% chaotic, irregular, folded and discontinous pink calcite veins distributed throughout. Structure: Moderate parallel deformation at 40-50 TCA and moderate to strong broken/fractured core over a 30m interval. Alteration: Strong calcite alteration and destrustion of primary features and weak patches and stringers of chlorite alteration. Mineralization: 2-3% very fine grained disseminated Py over 1-2m local intervals. Lower Contact: Sharp but irregular.

**MINOR INTERVAL**
357.80 - 358.60: I2DMinor interval with sharp irregular contacts, less altered and none brecciated, massive, dark purplish red with 1-2% vuggy and fractured qtz-cal veins and 0.5% Py and Cp

**MINOR INTERVAL**
430.50 - 444.60: V8mtThe major mafic trachyte unit could possibly be transitioning into a tuffaceous trachyte or mafic trachyte?? No clear contact, only a gradual change in textures and slight increase in intensity of deformation.

**TEXTURE**
TYPE/COLOR/GRAIN_SIZE/COMMENTS
343.50, 395.00, BRC, -, -, Weak brecciated appearance
343.50, 395.00, PRU, -, FGR, Moderate to strongly pitted/porous
343.50, 417.00, PRU, -, FGR, Moderate to strongly pitted/porous

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
361.00, 362.00, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained dissemianted PY
364.00, 365.00, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained dissemianted PY
367.00, 367.80, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained dissemianted PY
367.80, 369.00, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained dissemianted PY
369.00, 370.00, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained dissemianted PY
370.00, 371.00, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained dissemianted PY
373.00, 374.00, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained dissemianted PY

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND125183 | 343.5 | 345.0 | 1.5 | 0.041 | | | | |
| CAOND125184 | 345.0 | 346.5 | 1.5 | 0.014 | | | | |
| CAOND125185 | 346.5 | 348.0 | 1.5 | 0.025 | | | | |
| CAOND125186 | 348.0 | 349.5 | 1.5 | 0.049 | | | | |
| CAOND125187 | 349.5 | 351.0 | 1.5 | 0.031 | | | | |
| CAOND125188 | 351.0 | 352.5 | 1.5 | 0.053 | | | | |
| CAOND125189 | 352.5 | 354.0 | 1.5 | 0.048 | | | | |
| CAOND125191 | 354.0 | 355.5 | 1.5 | 0.031 | | | | |
| CAOND125192 | 355.5 | 356.5 | 1.0 | 0.023 | | | | |
| CAOND125193 | 356.5 | 357.8 | 1.3 | 0.007 | | | | |
| CAOND125194 | 357.8 | 358.6 | 0.8 | 0.014 | | | | |
| CAOND125195 | 358.6 | 360.0 | 1.4 | 0.037 | | | | |
| CAOND125196 | 360.0 | 361.5 | 1.5 | 0.157 | | | | |
| CAOND125197 | 361.5 | 363.0 | 1.5 | 0.326 | | | | |
| CAOND125198 | 363.0 | 364.5 | 1.5 | 0.021 | | | | |
| CAOND125199 | 364.5 | 366.0 | 1.5 | 0.051 | | | | |
| CAOND125201 | 366.0 | 367.5 | 1.5 | 0.119 | | | | |
| CAOND125202 | 367.5 | 369.0 | 1.5 | 0.071 | | | | |
| CAOND125203 | 369.0 | 370.0 | 1.0 | 0.111 | | | | |
| CAOND125204 | 370.0 | 371.0 | 1.0 | 2.580 | | | | |
| CAOND125205 | 371.0 | 372.5 | 1.5 | 0.047 | | | | |
| CAOND125206 | 372.5 | 374.0 | 1.5 | 0.041 | | | | |
| CAOND125207 | 374.0 | 375.5 | 1.5 | 0.627 | | | | |
| CAOND125208 | 375.5 | 377.0 | 1.5 | 0.113 | | | | |
| CAOND125209 | 377.0 | 378.0 | 1.0 | 0.126 | | | | |
| CAOND125210 | 378.0 | 379.5 | 1.5 | 0.034 | | | | |

**Hole number:** KLUC19-551

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

343.50, 422.00, CAL+, PEN, STRONG, -, -, -, Strong pervasive calcite, pitted and porous
343.50, 422.00, CHL+, PAT, STRONG, -, -, -, Strong patchy chl alteration
422.00, 444.60, CAL+, PAT, MOD, -, -, -, Moderate patchy and chaotic calcite alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

343.50, 359.00, DFZ, WEAK, -, -, -, -, Weak brittle deformation
343.50, 359.00, FOL, WEAK, 40.00, -, -, -, Weak preferential alignment at 40-50 TCA
343.50, 359.00, FRA, WEAK, -, -, -, -, weak healed fracturing
359.00, 444.60, DFZ, MOD, 40.00, -, -, -, Moderate parallel deformation at 40-50 TCA.
359.00, 444.60, FOL, MOD, 40.00, -, -, -, Moderate preferential alignment at 40-50 TCA
365.00, 374.00, BRR, WEAK, -, -, -, -, Weak broken/fracture core
374.00, 377.80, BRR, MOD, -, -, -, -, Moderate to strong broken/fractured core
377.80, 387.00, BRR, WEAK, -, -, -, -, Weak to locally moderate broken/fracture core
387.00, 397.00, BRR, MOD, -, -, -, -, Moderate to strong broken/fractured core
396.00, 422.00, FLD, WEAK, -, -, -, -, Weak to moderate chaotic folding of calcite veinlets

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

442.70, 443.00, QTZ_2, 5.00, -, -, -, -, -, -, -, -, -, 5% irregular and chaotically folded qtz-cal veinning

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND125211 | 379.5 | 381.0 | 1.5 | 0.060 | | | | |
| CAOND125212 | 381.0 | 382.5 | 1.5 | 0.064 | | | | |
| CAOND125213 | 382.5 | 384.0 | 1.5 | 0.016 | | | | |
| CAOND125214 | 384.0 | 385.5 | 1.5 | 0.011 | | | | |
| CAOND125216 | 385.5 | 387.0 | 1.5 | 0.024 | | | | |
| CAOND125217 | 387.0 | 388.5 | 1.5 | 0.029 | | | | |
| CAOND125218 | 388.5 | 390.0 | 1.5 | 0.047 | | | | |
| CAOND125219 | 390.0 | 391.5 | 1.5 | 0.009 | | | | |
| CAOND125221 | 391.5 | 393.0 | 1.5 | 0.016 | | | | |
| CAOND125222 | 393.0 | 394.5 | 1.5 | 0.082 | | | | |
| CAOND125223 | 394.5 | 396.0 | 1.5 | 0.049 | | | | |
| CAOND125224 | 396.0 | 397.5 | 1.5 | 0.154 | | | | |
| CAOND125226 | 397.5 | 399.0 | 1.5 | 0.080 | | | | |
| CAOND125227 | 399.0 | 400.5 | 1.5 | 0.044 | | | | |
| CAOND125228 | 400.5 | 402.0 | 1.5 | 0.123 | | | | |
| CAOND125229 | 402.0 | 403.5 | 1.5 | 0.070 | | | | |
| CAOND125231 | 403.5 | 405.0 | 1.5 | 0.116 | | | | |
| CAOND125232 | 405.0 | 406.5 | 1.5 | 0.099 | | | | |
| CAOND125233 | 406.5 | 408.0 | 1.5 | 0.063 | | | | |
| CAOND125234 | 408.0 | 409.5 | 1.5 | 0.068 | | | | |
| CAOND125235 | 409.5 | 411.0 | 1.5 | 0.029 | | | | |
| CAOND125236 | 411.0 | 412.5 | 1.5 | 0.018 | | | | |
| CAOND125237 | 412.5 | 414.0 | 1.5 | 0.021 | | | | |
| CAOND125238 | 414.0 | 415.5 | 1.5 | 0.020 | | | | |
| CAOND125239 | 415.5 | 417.0 | 1.5 | 0.013 | | | | |
| CAOND125240 | 417.0 | 418.5 | 1.5 | 0.003 | | | | |
| CAOND125241 | 418.5 | 420.0 | 1.5 | 0.003 | | | | |
| CAOND125242 | 420.0 | 421.5 | 1.5 | 0.020 | | | | |
| CAOND125243 | 421.5 | 423.0 | 1.5 | 0.008 | | | | |
| CAOND125244 | 423.0 | 424.5 | 1.5 | 0.006 | | | | |
| CAOND125246 | 424.5 | 426.0 | 1.5 | 0.006 | | | | |
| CAOND125247 | 426.0 | 427.5 | 1.5 | 0.011 | | | | |
| CAOND125248 | 427.5 | 429.0 | 1.5 | 0.011 | | | | |

**Hole number:** KLUC19-551

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND125249 | 429.0 | 430.5 | 1.5 | 0.013 | | | | |
| CAOND125251 | 430.5 | 432.0 | 1.5 | 0.820 | | | | |
| CAOND125252 | 432.0 | 433.5 | 1.5 | 0.045 | | | | |
| CAOND125253 | 433.5 | 435.0 | 1.5 | 0.063 | | | | |
| CAOND125254 | 435.0 | 436.5 | 1.5 | 0.019 | | | | |
| CAOND125255 | 436.5 | 438.0 | 1.5 | 0.097 | | | | |
| CAOND125256 | 438.0 | 439.5 | 1.5 | 0.319 | | | | |
| CAOND125257 | 439.5 | 441.0 | 1.5 | 0.189 | | | | |
| CAOND125258 | 441.0 | 442.5 | 1.5 | 0.331 | | | | |
| CAOND125259 | 442.5 | 443.5 | 1.0 | 0.144 | | | | |
| CAOND125261 | 443.5 | 444.6 | 1.1 | 0.411 | | | | |

**Major:** **From:** 444.60 **To:** 449.30 I, Roches intrusive indetermine

Composition: Medium orangish pink with minor medium bluish green patches, fine grained and massive but chaotic; I - Intrusion. Magnetism: None magnetic. Veinning: 50% pale grey qtz vein, majority occuring as a 2m thick continuous interval with minor patches of intrusion and chlorite alteration dispersed throughout. Structure: Weak chaotic deformation defined by chaoticness of veinning. Alteration: Moderate pervasive kspar alteration? Mineralization: 2-3% fine grained clusters of hem, 0.5% graphite? and 1-2% clusters of very fine graine Py. Lower Contact: Sharp but irregular and wavy.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

444.60, 449.30, GAL, PAT, .50, -, FGR, 0.5% random observed galena or graphite?
444.60, 449.30, HEM, PAT, 2.00, -, FGR, 2-3% fine grained disseminated and patchy hem
444.60, 449.30, PYR, PAT, 1.00, -, VFG, 1-2% very fine grained Py occuring as random clusters

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

444.60, 449.30, CHL+, PAT, MOD, -, -, -, Moderate patchy bluish green chlorite alteration
444.60, 449.30, KFS+, PEN, MOD, -, -, -, Moderate pervasive kspar alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

444.60, 449.30, DFZ, WEAK, -, -, -, -, Weak chaotic deformation defined by chaotic folding of veins within intrusion

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

444.60, 446.60, QTZ, 85.00, -, -, -, -, -, -, -, PYR, 1.00, 85% pale grey qtz vein dominantly massive with

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND125262 | 444.6 | 445.6 | 1.0 | 0.063 | | | | |
| CAOND125263 | 445.6 | 446.6 | 1.0 | 1.745 | | | | |
| CAOND125264 | 446.6 | 448.0 | 1.4 | 0.263 | | | | |
| CAOND125265 | 448.0 | 449.3 | 1.3 | 0.230 | | | | |

**Hole number:** KLUC19-551

minor patches of intrusion and alteration scattered throughout, 1-2% very fine grained Py occuring in random clusters
446.60, 449.30, QTZ, 10.00, -, -, -, -, -, -, -, -, -, 10% irregular and chaotically folded qtz veinning

**Major:** **From:** 449.30 **To:** 484.40 V8t, Trachytic tuff

Composition: Dominantly medium green with white patches and spots, minor salmon pink and pale brown, gradually changing to pale grey, pink and greens, heterogenous and chaotic; V8t - trachyte tuff. Could also be classified as sediments or contain minor intervals of sedmient. Magnetism: Moderately magnetic. Veinning: 5-10% irregular, chaotic and folded calcite and carbonate veinning. Structure: Moderate parallel deformation at 40-50 TCa locally becoming 0 - 10 TCA over 6m. Local chaotic and tight mm to cm scale folding and crenulations. Alteration: Moderate to strong patches calcite, moderate to strong pervasive chlorite, localy patches of moderate sericite and random clusters of spotty biotite alteration? Mineralization: 0.1-0.5% very fine and fine grained clusters of disseminated Py only locally observed. Lower Contact: Sharp and trending at 40-50 TCA but slightly irregular and deformed.

**MINOR INTERVAL**

470.00 - 484.40: SPossibly sediment or mixture of sediment and tuff with minor irregular intrusions??

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
449.30, 450.00, PYR, DIS, .50, -, VFG, 0.5% very fine grained disseminated Py
481.50, 484.40, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained dissemianted PY

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
449.30, 484.40, CAL+, PAT, MOD, -, -, -, Moderate to strong patches of calcite and carbonate alteration
449.30, 484.40, CHL+, PEN, MOD, -, -, -, Moderate to strong pervasive chlorite alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
449.30, 450.00, CRN, WEAK, -, -, -, -, Weak crenulations at crosscutting 40-50 TCA
449.30, 450.00, FLD, WEAK, -, -, -, -, Weak to moderate mm to cm scale chaotic and tight folding
449.30, 450.00, FOL, MOD, 0.00, -, -, -, Moderate preferential alignment at 0-10 TCA
449.30, 471.00, DFZ, MOD, 40.00, -, -, -, Moderate to strong parallel deformation at 40-50 TCA
450.00, 471.00, FOL, MOD, 40.00, -, -, -, Moderate to strong foliation at 40-50 TCA
471.00, 473.00, FOL, MOD, 30.00, -, -, -, Moderate preferential alignment at 30-40 TCA
471.00, 484.40, DFZ, MOD, -, -, -, -, Moderate chaotic deformation with weak preferential alignment at 0-10 TCA.
473.00, 481.00, FOL, WEAK, 0.00, -, -, -, Weak preferential alignment at 0-10 TCA.
481.00, 484.40, FOL, WEAK, 30.00, -, -, -, Weak preferential alignment at 30-40 TCA.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND125266 | 449.3 | 450.5 | 1.2 | 0.204 | | | | |
| CAOND125267 | 450.5 | 452.0 | 1.5 | 0.031 | | | | |
| CAOND125268 | 452.0 | 453.5 | 1.5 | 0.057 | | | | |
| CAOND125269 | 453.5 | 455.0 | 1.5 | 0.138 | | | | |
| CAOND125271 | 455.0 | 456.5 | 1.5 | 0.013 | | | | |
| CAOND125272 | 456.5 | 458.0 | 1.5 | 0.059 | | | | |
| CAOND125273 | 458.0 | 459.5 | 1.5 | 0.094 | | | | |
| CAOND125274 | 459.5 | 461.0 | 1.5 | 0.026 | | | | |
| CAOND125276 | 461.0 | 462.5 | 1.5 | 0.616 | | | | |
| CAOND125277 | 462.5 | 464.0 | 1.5 | 0.211 | | | | |
| CAOND125278 | 464.0 | 465.5 | 1.5 | 0.031 | | | | |
| CAOND125279 | 465.5 | 467.0 | 1.5 | 0.042 | | | | |
| CAOND125281 | 467.0 | 468.5 | 1.5 | 0.228 | | | | |
| CAOND125282 | 468.5 | 470.0 | 1.5 | 0.061 | | | | |
| CAOND125283 | 470.0 | 471.5 | 1.5 | 0.041 | | | | |
| CAOND125284 | 471.5 | 473.0 | 1.5 | 0.106 | | | | |
| CAOND125285 | 473.0 | 474.5 | 1.5 | 2.330 | | | | |
| CAOND125286 | 474.5 | 476.0 | 1.5 | 0.995 | | | | |
| CAOND125287 | 476.0 | 477.5 | 1.5 | 0.239 | | | | |
| CAOND125288 | 477.5 | 479.0 | 1.5 | 0.274 | | | | |
| CAOND125289 | 479.0 | 480.5 | 1.5 | 0.016 | | | | |
| CAOND125291 | 480.5 | 482.0 | 1.5 | 0.034 | | | | |
| CAOND125292 | 482.0 | 483.5 | 1.5 | 0.834 | | | | |
| CAOND125293 | 483.5 | 484.4 | 0.9 | 1.880 | | | | |

## Hole number: KLUC19-551

**Major:** **From:** 484.40 **To:** 494.20 I, Roches intrusive indetermine

Composition: Dominantly reddish grey with minor greenish grey to bluish grey, fine to medium grained with chaotic textures; I - intrusion with possible minor sediment lenses throughout. Magnetism: None magnetic. Veinning: <1% carb veinning <1-1cm thick dominantly parallel to deformation. Structure: Moderate parallel deformation orientated at 40-50 TCA with minor mm to cm scale chaotic and tight folding. Alteration: Moderate gradually diminishing to weak hem/kspar alteration, moderate stringers of chlorite alteration throughout and weak to moderate pervasve calcite alteration. Mineralization: 0.5-1% locally up to 2% very fine grained disseminated and locally clustered Py. Lower Contact: Relatively sharp and oriented at 30 TCA.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

484.40, 494.20, PYR, DIS, .50, -, VFG, 0.5-1% very fine grained disseminated Py

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

484.40, 485.20, SER+, DSN, WEAK, -, -, -, Weak to moderate discontinous stringers of sericite alteration

484.40, 494.20, CAL+, PEN, WEAK, -, -, -, Weak to moderate pervasive calcite alteration

484.40, 494.20, CHL+, STG, MOD, -, -, -, Moderate parallel stringers of chlorite alteration

484.40, 494.20, KFS+, PAT, WEAK, -, -, -, Weak patchy hem/kspar alteration with local moderate patches

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

484.40, 485.00, DFZ, MOD, -, -, -, -, Moderate chaotic deformation with weak preferential alignment at 0-10 TCA.

484.40, 485.20, FLD, WEAK, -, -, -, -, Weak chaotic and tight folding of 5-10cm thick intervals

484.40, 494.20, DFZ, MOD, 40.00, -, -, -, Moderate parallel deformation at 40-50 TCA.

484.40, 494.20, FOL, MOD, 40.00, -, -, -, weak to moderate preferential alignment at 40-50 TCA.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND125294 | 484.4 | 485.5 | 1.1 | 1.160 | | | | |
| CAOND125295 | 485.5 | 487.0 | 1.5 | 0.016 | | | | |
| CAOND125296 | 487.0 | 488.5 | 1.5 | 0.044 | | | | |
| CAOND125297 | 488.5 | 490.0 | 1.5 | 0.039 | | | | |
| CAOND125298 | 490.0 | 491.5 | 1.5 | 0.041 | | | | |
| CAOND125299 | 491.5 | 493.0 | 1.5 | 0.078 | | | | |
| CAOND125301 | 493.0 | 494.2 | 1.2 | 0.046 | | | | |

**Major:** **From:** 494.20 **To:** 503.40 V8t, Trachytic tuff

Composition: Pale pink and pale greenish to bluish, fine grained with tuffaceous texture; V8t - Trachyte tuff. Appears to contain minor intervals of massive and fine grained intrusion? The trachyte could also be classified as sediment. Magnetism: None to weakly magnetic Veinning: 1x qtz-carb vein occuring over 20cm thick interval. Structure: Weak to moderate parallel deformation at 30-40 TCA. Alteration: Weak pervasive calcite and kspar, and moderate stringers and discontinous chlorite. Mineralization: 0.1-0.5% very fine grained disseminated Py. Lower Contact: Sharp and relatively straight; oriented at 40-50 TCA.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

494.20, 503.40, PYR, DIS, .10, -, VFG, 0.1-0.5% very fine grained disseminated Py locally clustered

**ALTERATION**

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND125302 | 494.2 | 495.5 | 1.3 | 0.050 | | | | |
| CAOND125303 | 495.5 | 496.5 | 1.0 | 0.083 | | | | |
| CAOND125304 | 496.5 | 498.0 | 1.5 | 0.061 | | | | |
| CAOND125305 | 498.0 | 499.5 | 1.5 | 0.042 | | | | |
| CAOND125306 | 499.5 | 501.0 | 1.5 | 0.226 | | | | |
| CAOND125307 | 501.0 | 502.5 | 1.5 | 0.210 | | | | |
| CAOND125308 | 502.5 | 503.4 | 0.9 | 0.856 | | | | |

**Hole number:** KLUC19-551

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
494.20, 503.40, CAL+, PEN, WEAK, -, -, -, Weak pervasive calcite alteration
494.20, 503.40, CHL+, STG, MOD, -, -, -, Moderate chlorite alteration occuring as wavy disconintous stringers
494.20, 503.40, KFS+, PEN, WEAK, -, -, -, Weak pervasive to patchy kspar alteration
496.00, 496.40, SER+, DSN, MOD, -, -, -, Moderate discontinous parallel stringers of sericite alteration

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
496.00, 496.30, QtzCbt, 75.00, -, -, -, -, -, -, -, PYR, .50, 1x 10 cm qtz-carb veinning with 5cm of irregular and discontinous veinning at lower contact, moderate sericite alteration at vein contacts with 0.5% Py

**Major:** **From:** 503.40 **To:** 505.40 I, Roches intrusive indetermine

Composition: Dominantly reddish grey with minor greenish grey to bluish grey, fine to medium grained, massive with weakly chaotic textures; I - intrusion with possible minor sediment lenses throughout. Magnetism: None magnetic. Veinning: <1% discontinous carb veinning <1-1cm thick dominantly parallel to deformation. Structure: Moderate parallel deformation orientated at 30-40 TCA. Alteration: Weak hem/kspar alteration, moderate stringers of chlorite alteration throughout and weak pervasve calcite alteration. Mineralization: 0.1-0.5% very fine grained disseminated Py Lower Contact: Relatively sharp and oriented at 30 TCA.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND125309 | 503.4 | 504.4 | 1.0 | 0.120 | | | | |
| CAOND125310 | 504.4 | 505.4 | 1.0 | 0.011 | | | | |

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
503.40, 505.40, CAL+, PEN, WEAK, -, -, -, Weak pervasive calcite alteration
503.40, 505.40, CHL+, STG, WEAK, -, -, -, Weak to moderate parallel stringers of chlorite alteration
503.40, 505.40, KFS+, PEN, WEAK, -, -, -, Weak to moderate pervasive kspar/hem alteration

**Major:** **From:** 505.40 **To:** 507.00 V8t, Trachytic tuff

Composition: Pale pink, buff and pale greenish to bluish, fine grained with tuffaceous texture; V8t - Trachyte tuff. Could also be classified as sediment? Magnetism: None to weakly magnetic Veinning: 2-3% chaotically folded and clustered carb veinning. Structure: Weak to moderate parallel deformation at 30-40 TCA. Alteration: Weak pervasive calcite and kspar, and moderate stringers and discontinous chlorite and sercite. Mineralization: 0.1-0.5% very fine grained disseminated Py. Lower Contact: Relatively sharp.

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND125311 | 505.4 | 506.1 | 0.7 | 0.739 | | | | |
| CAOND125312 | 506.1 | 507.0 | 0.9 | 0.635 | | | | |

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
505.40, 507.00, CHL+, STG, MOD, -, -, -, Moderate parallel stringers of chlorite alteration
505.40, 507.00, SER+, STG, MOD, -, -, -, Local patches of discontinous stringers of moderate sericite alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

**Hole number:** KLUC19-551

505.40, 507.00, DFZ, MOD, 30.00, -, -, -, Weak to moderate parallel deformation at 30-40 TCA.
505.40, 507.00, FOL, WEAK, 30.00, -, -, -, weak to moderate preferential alignment at 30-40 TCA.

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
505.40, 507.00, QtzCbt, 2.00, -, -, -, -, -, -, -, -, -, 2-3% chaotically folded carb veining occuring in clusters over 10-20cm thick

**Major:** **From:** 507.00 **To:** 535.10 I, Roches intrusive indetermine

Composition: Dominantly reddish oragne to reddish grey with minor greenish grey to bluish grey stringers, fine to medium grained, massive; I - intrusion with possible minor 10-15cm thick sediment lenses throughout. Magnetism: None magnetic. Veinning: 1-2% carbonate veinning less than 1cm thick and parallel to deformation Structure: Weak deformation and weak preferential alignment of healed fracturing at 40-50 TCA. Alteration: Weak to moderate hem/kspar alteration, moderate stringers of chlorite alteration throughout and weak pervasve calcite alteration. Mineralization: 0.1-0.5% very fine grained disseminated Py Lower Contact: Relatively sharp, intrusion is brecciated over 4m interval and contact is palced where there no longer appears to be intrusion.

**MINERALIZATION**
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
507.00, 535.10, PYR, DIS, .10, -, VFG, 0.1-0.5% very fine grained disseminated Py locally up to 1% and clustered

**ALTERATION**
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
507.00, 535.10, CHL+, STG, MOD, -, -, -, Moderate parallel stringers of chlorite alteration
507.00, 535.10, HEM+, PEN, MOD, -, -, -, Moderate pervasive kspar/hem alteration

**STRUCTURE**
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
507.00, 530.00, DFZ, WEAK, 40.00, -, -, -, Weak paralle brittle deformation
507.00, 530.00, FOL, WEAK, 40.00, -, -, -, Weak preferential alignmnet of healed fracutring
530.00, 535.10, BRC, WEAK, -, -, -, -, Weak to moderate brecciation associated with intensity of alteration and chaotic fracutring
530.00, 535.10, DFZ, MOD, -, -, -, -, Moderate chaotic deformation
530.00, 535.10, FLD, WEAK, -, -, -, -, Chaotic deformation with various sudden changes in orientation of

**VEIN**
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
515.00, 522.00, CBT, 3.00, -, -, -, -, -, -, -, -, -, 3-5% irregular, discontinous and chaotic carbonte veining

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND125313 | 507.0 | 508.5 | 1.5 | 0.026 | | | | |
| CAOND125314 | 508.5 | 510.0 | 1.5 | 0.036 | | | | |
| CAOND125316 | 510.0 | 511.5 | 1.5 | 0.138 | | | | |
| CAOND125317 | 511.5 | 513.0 | 1.5 | 0.140 | | | | |
| CAOND125318 | 513.0 | 514.5 | 1.5 | 0.299 | | | | |
| CAOND125319 | 514.5 | 516.0 | 1.5 | 0.507 | | | | |
| CAOND125321 | 516.0 | 517.5 | 1.5 | 0.010 | | | | |
| CAOND125322 | 517.5 | 519.0 | 1.5 | 0.196 | | | | |
| CAOND125323 | 519.0 | 520.5 | 1.5 | 0.071 | | | | |
| CAOND125324 | 520.5 | 522.0 | 1.5 | 0.008 | | | | |
| CAOND125326 | 522.0 | 523.5 | 1.5 | 0.008 | | | | |
| CAOND125327 | 523.5 | 525.0 | 1.5 | 0.119 | | | | |
| CAOND125328 | 525.0 | 526.5 | 1.5 | 0.041 | | | | |
| CAOND125329 | 526.5 | 528.0 | 1.5 | 0.091 | | | | |
| CAOND125331 | 528.0 | 529.5 | 1.5 | 0.054 | | | | |
| CAOND125332 | 529.5 | 531.0 | 1.5 | 0.224 | | | | |
| CAOND125333 | 531.0 | 532.5 | 1.5 | 0.530 | | | | |
| CAOND125334 | 532.5 | 534.0 | 1.5 | 0.210 | | | | |
| CAOND125335 | 534.0 | 535.1 | 1.1 | 0.420 | | | | |

**Hole number:** KLUC19-551

**Major:** **From:** 535.10 **To:** 569.90 V8t, Trachytic tuff

Composition: Pale buff and greenish to bluish, fine grained with tuffaceous dominant texture with 25-30% chaotic and brittlely deformed angular fragments 1-5mm in size and carbonate veins; V8t - Trachyte tuff. Could also be classified as sediment? Magnetism: None to weakly magnetic Veinning: 3-5% chaotically folded and brittlely deformed carb veinning. Structure: Moderate to strongly brittle deformed with weak preferential alignment at 40-50 TCA. Alteration: Moderate pervasive chlorite and sericite alteration. Mineralization: 0.5-1% very fine grained disseminated Py. Lower Contact: Sharp but overprinted by alteration, contact placed where textures and colours suddenly change and become more massive.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

535.10, 567.00, PYR, DIS, .50, -, VFG, 0.5-1% very fine grained disseminated Py
567.00, 569.90, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained dissemianted PY

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

535.10, 569.90, CHL+, PEN, MOD, -, -, -, Moderate to strong pervasive chl alt
535.10, 569.90, SER+, PEN, MOD, -, -, -, Moderate to strong pervasive sericite alt

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

535.10, 551.20, BRC, MOD, -, -, -, -, Moderate brecciation defined by abundace of angular 1-5mm fragment randomly floating throughout
535.10, 569.90, DFZ, MOD, -, -, -, -, Moderate to strong chaotic brittle deformation
535.10, 569.90, FOL, WEAK, 40.00, -, -, -, Weak preferential alignment

**VEIN**

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS

535.10, 535.20, QTZ, 25.00, -, -, -, -, -, -, -, -, -, 25% qtz vein occuring in a parallel cluster, 0.5-2cm thick
537.60, 538.00, QtzCbt, 15.00, -, -, -, -, -, -, -, -, -, 15% irregular, chaotic and discontinous qtz-carb veinning occuring in an intrusion
538.00, 555.00, CBT, 2.00, -, -, -, -, -, -, -, -, -, 2-3% brittlely deformed, discontious carb veinning occuring in clusters 10-15cm thick
563.00, 564.20, QTZ, 2.00, -, -, -, -, -, -, -, -, -, 2% chaotic qtz-carb veinning

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND125336 | 535.1 | 536.5 | 1.4 | 0.760 | | | | |
| CAOND125337 | 536.5 | 537.5 | 1.0 | 0.216 | | | | |
| CAOND125338 | 537.5 | 538.0 | 0.5 | 1.020 | | | | |
| CAOND125339 | 538.0 | 539.5 | 1.5 | 0.873 | | | | |
| CAOND125340 | 539.5 | 541.0 | 1.5 | 1.815 | | | | |
| CAOND125341 | 541.0 | 542.5 | 1.5 | 1.450 | | | | |
| CAOND125342 | 542.5 | 544.0 | 1.5 | 1.540 | | | | |
| CAOND125343 | 544.0 | 545.5 | 1.5 | 0.579 | | | | |
| CAOND125344 | 545.5 | 547.0 | 1.5 | 0.362 | | | | |
| CAOND125346 | 547.0 | 548.5 | 1.5 | 0.707 | | | | |
| CAOND125347 | 548.5 | 550.0 | 1.5 | 0.549 | | | | |
| CAOND125348 | 550.0 | 551.5 | 1.5 | 1.115 | | | | |
| CAOND125349 | 551.5 | 553.0 | 1.5 | 0.870 | | | | |
| CAOND125351 | 553.0 | 554.5 | 1.5 | 0.299 | | | | |
| CAOND125352 | 554.5 | 556.0 | 1.5 | 0.084 | | | | |
| CAOND125353 | 556.0 | 557.5 | 1.5 | 0.036 | | | | |
| CAOND125354 | 557.5 | 559.0 | 1.5 | 0.027 | | | | |
| CAOND125355 | 559.0 | 560.5 | 1.5 | 0.022 | | | | |
| CAOND125356 | 560.5 | 562.0 | 1.5 | 0.066 | | | | |
| CAOND125357 | 562.0 | 563.0 | 1.0 | 0.060 | | | | |
| CAOND125358 | 563.0 | 564.5 | 1.5 | 0.056 | | | | |
| CAOND125359 | 564.5 | 566.0 | 1.5 | 0.087 | | | | |
| CAOND125361 | 566.0 | 567.5 | 1.5 | 0.016 | | | | |
| CAOND125362 | 567.5 | 568.5 | 1.0 | 0.040 | | | | |
| CAOND125363 | 568.5 | 569.9 | 1.4 | 0.062 | | | | |

**Major:** **From:** 569.90 **To:** 588.00 V8m, Trachyte mafic

Composition: Dark green with random patches of pale to medium pink and minor intervals of medium purplish pink, fine grained and relatively massive; V8m - Mafic trachyte. Magnetism: Moderately magnetic Veinning: 2-3% irregular and chaotically folded calcite veins. Structure: Weak deformation with weak preferential alignment. Alteration: Weak pervasive chlorite and moderate patches calcite

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND125364 | 569.9 | 571.0 | 1.1 | 0.012 | | | | |
| CAOND125365 | 571.0 | 572.5 | 1.5 | 0.009 | | | | |
| CAOND125366 | 572.5 | 574.0 | 1.5 | 0.006 | | | | |

**Hole number:** KLUC19-551

alteration. Mineralization: 0.1-0.5% very fine grained disseminated Py. Lower Contact: Not reached.

**MINERALIZATION**

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

569.90, 572.00, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained dissemianted PY
572.00, 575.00, PYR, DIS, .50, -, VFG, 0.1-0.5% very fine grained disseminated
575.00, 578.00, PYR, DIS, 1.00, -, VFG, 1-2% very fine grained dissemianted PY
586.50, 588.00, PYR, DIS, 2.00, -, VFG, 2-3% very fine grained disseminated Py

**ALTERATION**

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS

569.90, 588.00, CAL+, PAT, MOD, -, -, -, Moderate patchy calcite alteration
569.90, 588.00, CHL+, PEN, WEAK, -, -, -, Weak pervasive to spotted chlorite alteration

**STRUCTURE**

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS

569.90, 588.00, DFZ, WEAK, -, -, -, -, Weak deformation dominantly chaotic

| Sample | From | To | Length | Au_g/t | Ag_g/t | Cu_ppm | Zn_ppm | Sg_Kgm3 |
|---|---|---|---|---|---|---|---|---|
| CAOND125367 | 574.0 | 575.0 | 1.0 | 0.003 | | | | |
| CAOND125368 | 575.0 | 576.5 | 1.5 | 0.005 | | | | |
| CAOND125369 | 576.5 | 578.0 | 1.5 | 0.005 | | | | |
| CAOND125371 | 578.0 | 579.5 | 1.5 | 0.003 | | | | |
| CAOND125372 | 579.5 | 581.0 | 1.5 | 0.003 | | | | |
| CAOND125373 | 581.0 | 582.5 | 1.5 | 0.005 | | | | |
| CAOND125374 | 582.5 | 584.0 | 1.5 | 0.005 | | | | |
| CAOND125376 | 584.0 | 585.5 | 1.5 | 0.007 | | | | |
| CAOND125377 | 585.5 | 587.0 | 1.5 | 0.009 | | | | |
| CAOND125378 | 587.0 | 588.0 | 1.0 | 0.018 | | | | |

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 21.0 | 24.0 | 43.00 | 100.00 | | | N | |
| 24.0 | 27.0 | 80.00 | 100.00 | | | N | |
| 27.0 | 30.0 | 83.00 | 100.00 | | | N | |
| 30.0 | 33.0 | 63.00 | 100.00 | | | N | |
| 33.0 | 36.0 | 87.00 | 100.00 | | | N | |
| 36.0 | 39.0 | 73.00 | 100.00 | | | N | |
| 39.0 | 42.0 | 80.00 | 100.00 | | | N | |
| 42.0 | 45.0 | 85.00 | 100.00 | | | N | |
| 45.0 | 48.0 | 85.00 | 100.00 | | | N | |
| 48.0 | 51.0 | 87.00 | 100.00 | | | N | |
| 51.0 | 54.0 | 73.00 | 100.00 | | | N | |
| 54.0 | 57.0 | 73.00 | 100.00 | | | N | |
| 57.0 | 60.0 | 85.00 | 100.00 | | | N | |
| 60.0 | 63.0 | 90.00 | 100.00 | | | N | |
| 63.0 | 66.0 | 82.00 | 100.00 | | | N | |
| 66.0 | 69.0 | 85.00 | 100.00 | | | N | |

**Hole number:** KLUC19-551

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 69.0 | 72.0 | 95.00 | 100.00 | | | N | |
| 72.0 | 75.0 | 82.00 | 100.00 | | | N | |
| 75.0 | 78.0 | 70.00 | 100.00 | | | N | |
| 78.0 | 81.0 | 92.00 | 100.00 | | | N | |
| 81.0 | 84.0 | 88.00 | 100.00 | | | N | |
| 84.0 | 87.0 | 90.00 | 100.00 | | | N | |
| 87.0 | 90.0 | 93.00 | 100.00 | | | N | |
| 90.0 | 93.0 | 83.00 | 100.00 | | | N | |
| 93.0 | 96.0 | 80.00 | 100.00 | | | N | |
| 96.0 | 99.0 | 67.00 | 100.00 | | | N | |
| 99.0 | 102.0 | 60.00 | 100.00 | | | N | |
| 102.0 | 105.0 | 93.00 | 100.00 | | | N | |
| 105.0 | 108.0 | 65.00 | 100.00 | | | N | |
| 108.0 | 111.0 | 83.00 | 100.00 | | | N | |
| 111.0 | 114.0 | 67.00 | 100.00 | | | N | |
| 114.0 | 117.0 | 60.00 | 100.00 | | | N | |
| 117.0 | 120.0 | 77.00 | 100.00 | | | N | |
| 120.0 | 123.0 | 87.00 | 100.00 | | | N | |
| 123.0 | 126.0 | 60.00 | 100.00 | | | N | |
| 126.0 | 129.0 | 82.00 | 100.00 | | | N | |
| 129.0 | 132.0 | 68.00 | 100.00 | | | N | |
| 132.0 | 135.0 | 68.00 | 100.00 | | | N | |
| 135.0 | 138.0 | 70.00 | 100.00 | | | N | |
| 138.0 | 141.0 | 75.00 | 100.00 | | | N | |
| 141.0 | 144.0 | 87.00 | 100.00 | | | N | |
| 144.0 | 147.0 | 85.00 | 100.00 | | | N | |
| 147.0 | 150.0 | 77.00 | 100.00 | | | N | |
| 150.0 | 153.0 | 80.00 | 100.00 | | | N | |

**Hole number:** KLUC19-551

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 153.0 | 156.0 | 67.00 | 100.00 | | | N | |
| 156.0 | 159.0 | 97.00 | 100.00 | | | N | |
| 159.0 | 162.0 | 100.00 | 100.00 | | | N | |
| 162.0 | 165.0 | 83.00 | 100.00 | | | N | |
| 165.0 | 168.0 | 80.00 | 100.00 | | | N | |
| 168.0 | 171.0 | 87.00 | 100.00 | | | N | |
| 171.0 | 174.0 | 98.00 | 100.00 | | | N | |
| 174.0 | 177.0 | 70.00 | 100.00 | | | N | |
| 177.0 | 180.0 | 93.00 | 100.00 | | | N | |
| 180.0 | 183.0 | 90.00 | 100.00 | | | N | |
| 183.0 | 186.0 | 100.00 | 100.00 | | | N | |
| 186.0 | 189.0 | 80.00 | 100.00 | | | N | |
| 189.0 | 192.0 | 77.00 | 100.00 | | | N | |
| 192.0 | 195.0 | 93.00 | 100.00 | | | N | |
| 195.0 | 198.0 | 100.00 | 100.00 | | | N | |
| 198.0 | 201.0 | 97.00 | 100.00 | | | N | |
| 201.0 | 204.0 | 87.00 | 100.00 | | | N | |
| 204.0 | 207.0 | 100.00 | 100.00 | | | N | |
| 207.0 | 210.0 | 100.00 | 100.00 | | | N | |
| 210.0 | 213.0 | 100.00 | 100.00 | | | N | |
| 213.0 | 216.0 | 100.00 | 100.00 | | | N | |
| 216.0 | 219.0 | 100.00 | 100.00 | | | N | |
| 219.0 | 222.0 | 72.00 | 100.00 | | | N | |
| 222.0 | 225.0 | 100.00 | 100.00 | | | N | |
| 225.0 | 228.0 | 100.00 | 100.00 | | | N | |
| 228.0 | 231.0 | 100.00 | 100.00 | | | N | |
| 231.0 | 234.0 | 100.00 | 100.00 | | | N | |
| 234.0 | 237.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC19-551

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 237.0 | 240.0 | 82.00 | 100.00 | | | N | |
| 240.0 | 243.0 | 100.00 | 100.00 | | | N | |
| 243.0 | 246.0 | 100.00 | 100.00 | | | N | |
| 246.0 | 249.0 | 100.00 | 100.00 | | | N | |
| 249.0 | 252.0 | 83.00 | 100.00 | | | N | |
| 252.0 | 255.0 | 90.00 | 100.00 | | | N | |
| 255.0 | 258.0 | 100.00 | 100.00 | | | N | |
| 258.0 | 261.0 | 100.00 | 100.00 | | | N | |
| 261.0 | 264.0 | 100.00 | 100.00 | | | N | |
| 264.0 | 267.0 | 100.00 | 100.00 | | | N | |
| 267.0 | 270.0 | 100.00 | 100.00 | | | N | |
| 270.0 | 273.0 | 87.00 | 100.00 | | | N | |
| 273.0 | 276.0 | 93.00 | 100.00 | | | N | |
| 276.0 | 279.0 | 83.00 | 100.00 | | | N | |
| 279.0 | 282.0 | 80.00 | 100.00 | | | N | |
| 282.0 | 285.0 | 92.00 | 100.00 | | | N | |
| 285.0 | 288.0 | 90.00 | 100.00 | | | N | |
| 288.0 | 291.0 | 97.00 | 100.00 | | | N | |
| 291.0 | 294.0 | 87.00 | 100.00 | | | N | |
| 294.0 | 297.0 | 95.00 | 100.00 | | | N | |
| 297.0 | 300.0 | 100.00 | 100.00 | | | N | |
| 300.0 | 303.0 | 92.00 | 100.00 | | | N | |
| 303.0 | 306.0 | 100.00 | 100.00 | | | N | |
| 306.0 | 309.0 | 90.00 | 100.00 | | | N | |
| 309.0 | 312.0 | 100.00 | 100.00 | | | N | |
| 312.0 | 315.0 | 100.00 | 100.00 | | | N | |
| 315.0 | 318.0 | 100.00 | 100.00 | | | N | |
| 318.0 | 321.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC19-551

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 321.0 | 324.0 | 50.00 | 100.00 | | | N | |
| 324.0 | 327.0 | 37.00 | 100.00 | | | N | |
| 327.0 | 330.0 | 83.00 | 100.00 | | | N | |
| 330.0 | 333.0 | 67.00 | 100.00 | | | N | |
| 333.0 | 336.0 | 97.00 | 100.00 | | | N | |
| 336.0 | 339.0 | 70.00 | 100.00 | | | N | |
| 339.0 | 342.0 | 75.00 | 100.00 | | | N | |
| 342.0 | 345.0 | 40.00 | 100.00 | | | N | |
| 345.0 | 348.0 | 83.00 | 100.00 | | | N | |
| 348.0 | 351.0 | 62.00 | 100.00 | | | N | |
| 351.0 | 354.0 | 43.00 | 100.00 | | | N | |
| 354.0 | 357.0 | 48.00 | 100.00 | | | N | |
| 357.0 | 360.0 | 45.00 | 100.00 | | | N | |
| 360.0 | 363.0 | 45.00 | 100.00 | | | N | |
| 363.0 | 366.0 | 42.00 | 100.00 | | | N | |
| 366.0 | 369.0 | 10.00 | 100.00 | | | N | |
| 369.0 | 372.0 | 23.00 | 100.00 | | | N | |
| 372.0 | 375.0 | 28.00 | 100.00 | | | N | |
| 375.0 | 378.0 | 7.00 | 100.00 | | | N | |
| 378.0 | 381.0 | 47.00 | 100.00 | | | N | |
| 381.0 | 384.0 | 47.00 | 100.00 | | | N | |
| 384.0 | 387.0 | 25.00 | 100.00 | | | N | |
| 387.0 | 390.0 | 17.00 | 100.00 | | | N | |
| 390.0 | 393.0 | 3.00 | 100.00 | | | N | |
| 393.0 | 396.0 | 7.00 | 100.00 | | | N | |
| 396.0 | 399.0 | 75.00 | 100.00 | | | N | |
| 399.0 | 402.0 | 40.00 | 100.00 | | | N | |
| 402.0 | 405.0 | 75.00 | 100.00 | | | N | |

**Hole number:** KLUC19-551

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 405.0 | 408.0 | 87.00 | 100.00 | | | N | |
| 408.0 | 411.0 | 73.00 | 100.00 | | | N | |
| 411.0 | 414.0 | 70.00 | 100.00 | | | N | |
| 414.0 | 417.0 | 88.00 | 100.00 | | | N | |
| 417.0 | 420.0 | 77.00 | 100.00 | | | N | |
| 420.0 | 423.0 | 90.00 | 100.00 | | | N | |
| 423.0 | 426.0 | 93.00 | 100.00 | | | N | |
| 426.0 | 429.0 | 93.00 | 100.00 | | | N | |
| 429.0 | 432.0 | 98.00 | 100.00 | | | N | |
| 432.0 | 435.0 | 100.00 | 100.00 | | | N | |
| 435.0 | 438.0 | 100.00 | 100.00 | | | N | |
| 438.0 | 441.0 | 100.00 | 100.00 | | | N | |
| 441.0 | 444.0 | 90.00 | 100.00 | | | N | |
| 444.0 | 447.0 | 78.00 | 100.00 | | | N | |
| 447.0 | 450.0 | 100.00 | 100.00 | | | N | |
| 450.0 | 453.0 | 100.00 | 100.00 | | | N | |
| 453.0 | 456.0 | 85.00 | 100.00 | | | N | |
| 456.0 | 459.0 | 77.00 | 100.00 | | | N | |
| 459.0 | 462.0 | 57.00 | 100.00 | | | N | |
| 462.0 | 465.0 | 45.00 | 100.00 | | | N | |
| 465.0 | 468.0 | 95.00 | 100.00 | | | N | |
| 468.0 | 471.0 | 73.00 | 100.00 | | | N | |
| 471.0 | 474.0 | 100.00 | 100.00 | | | N | |
| 474.0 | 477.0 | 100.00 | 100.00 | | | N | |
| 477.0 | 480.0 | 85.00 | 100.00 | | | N | |
| 480.0 | 483.0 | 100.00 | 100.00 | | | N | |
| 483.0 | 486.0 | 95.00 | 100.00 | | | N | |
| 486.0 | 489.0 | 100.00 | 100.00 | | | N | |

**Hole number:** KLUC19-551

**RQD**

| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 489.0 | 492.0 | 100.00 | 100.00 | | | N | |
| 492.0 | 495.0 | 100.00 | 100.00 | | | N | |
| 495.0 | 498.0 | 100.00 | 100.00 | | | N | |
| 498.0 | 501.0 | 100.00 | 100.00 | | | N | |
| 501.0 | 504.0 | 100.00 | 100.00 | | | N | |
| 504.0 | 507.0 | 100.00 | 100.00 | | | N | |
| 507.0 | 510.0 | 100.00 | 100.00 | | | N | |
| 510.0 | 513.0 | 100.00 | 100.00 | | | N | |
| 513.0 | 516.0 | 98.00 | 100.00 | | | N | |
| 516.0 | 519.0 | 100.00 | 100.00 | | | N | |
| 519.0 | 522.0 | 100.00 | 100.00 | | | N | |
| 522.0 | 525.0 | 100.00 | 100.00 | | | N | |
| 525.0 | 528.0 | 100.00 | 100.00 | | | N | |
| 528.0 | 531.0 | 97.00 | 100.00 | | | N | |
| 531.0 | 534.0 | 98.00 | 100.00 | | | N | |
| 534.0 | 537.0 | 100.00 | 100.00 | | | N | |
| 537.0 | 540.0 | 100.00 | 100.00 | | | N | |
| 540.0 | 543.0 | 100.00 | 100.00 | | | N | |
| 543.0 | 546.0 | 100.00 | 100.00 | | | N | |
| 546.0 | 549.0 | 100.00 | 100.00 | | | N | |
| 549.0 | 552.0 | 100.00 | 100.00 | | | N | |
| 552.0 | 555.0 | 100.00 | 100.00 | | | N | |
| 555.0 | 558.0 | 98.00 | 100.00 | | | N | |
| 558.0 | 561.0 | 100.00 | 100.00 | | | N | |
| 561.0 | 564.0 | 100.00 | 100.00 | | | N | |
| 564.0 | 567.0 | 100.00 | 100.00 | | | N | |
| 567.0 | 570.0 | 95.00 | 100.00 | | | N | |
| 570.0 | 573.0 | 83.00 | 100.00 | | | N | |

**Hole number:** KLUC19-551

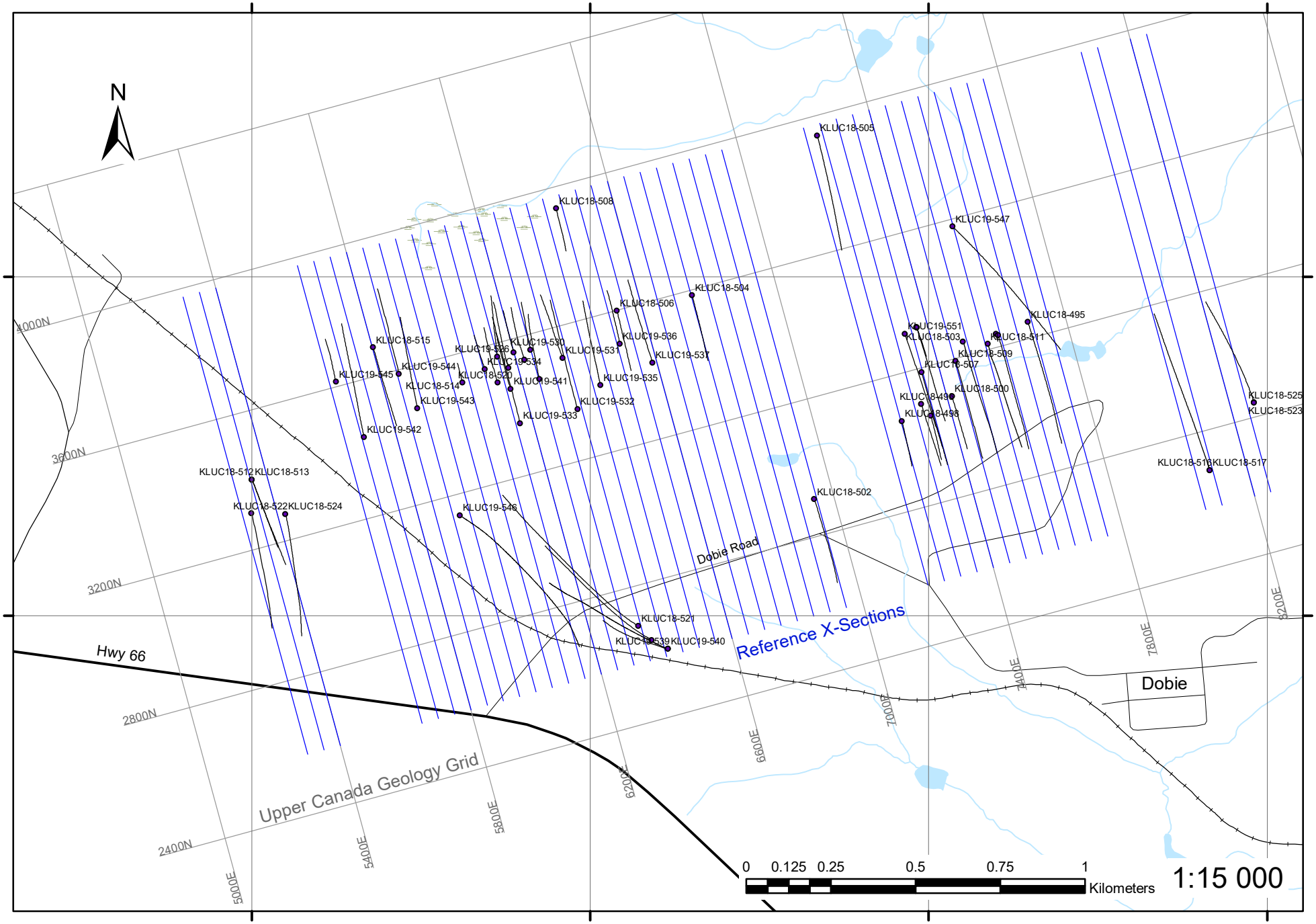
**RQD**

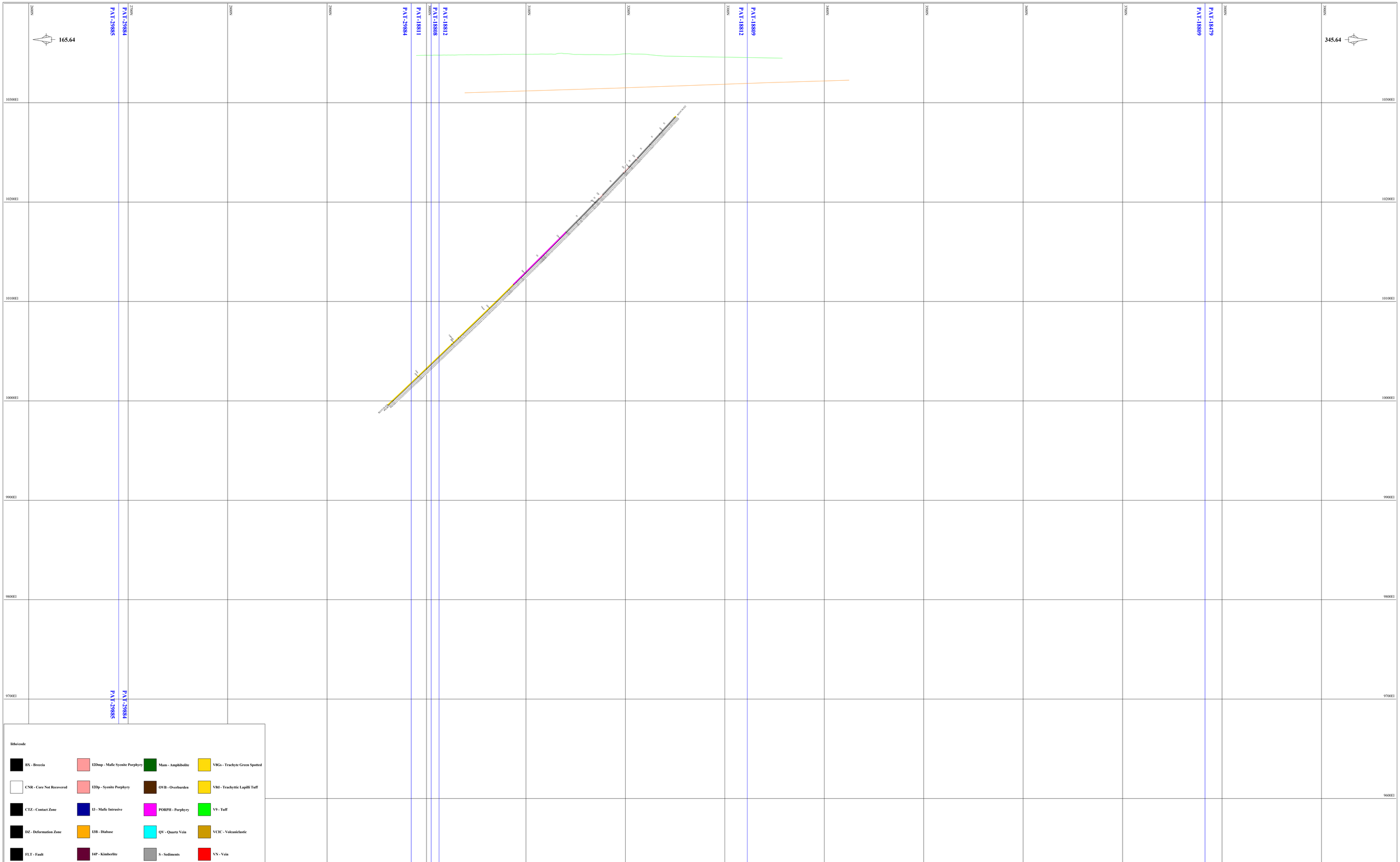
| From | To | Quality (%) | Recov.(%) | C.A. | Break | Disking | Comment |
|---|---|---|---|---|---|---|---|
| 573.0 | 576.0 | 100.00 | 100.00 | | | N | |
| 576.0 | 579.0 | 100.00 | 100.00 | | | N | |
| 579.0 | 582.0 | 100.00 | 100.00 | | | N | |
| 582.0 | 585.0 | 100.00 | 100.00 | | | N | |
| 585.0 | 588.0 | 100.00 | 100.00 | | | N | |

## Appendix B – Drill plans and Cross sections

# Upper Canada Property

## 2018-2019 Drill Plan



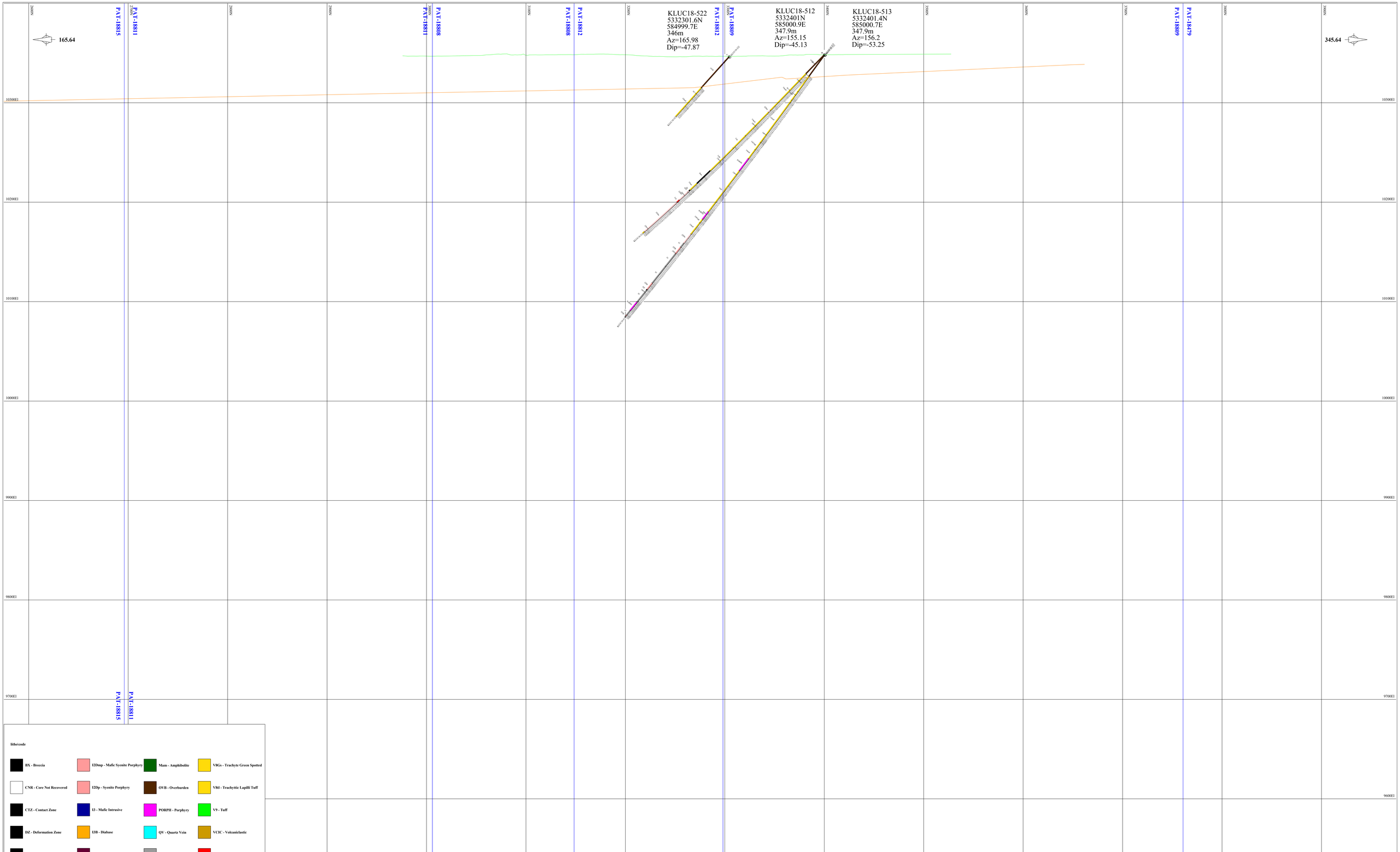



AGNICO EAGLE MINES LTD.

Upper Canada Property
X-Section 5300E
Looking Geology Grid West

| | | | |
|---|---|---|---|
| SCALE 1: | 1000 | | A1 |
| | | DRAWN | |
| | | CHECKED | |
| DATE | 26-Nov-19 | APPROVED | |

WIDTH +/- 25m
2018-2019 DDH



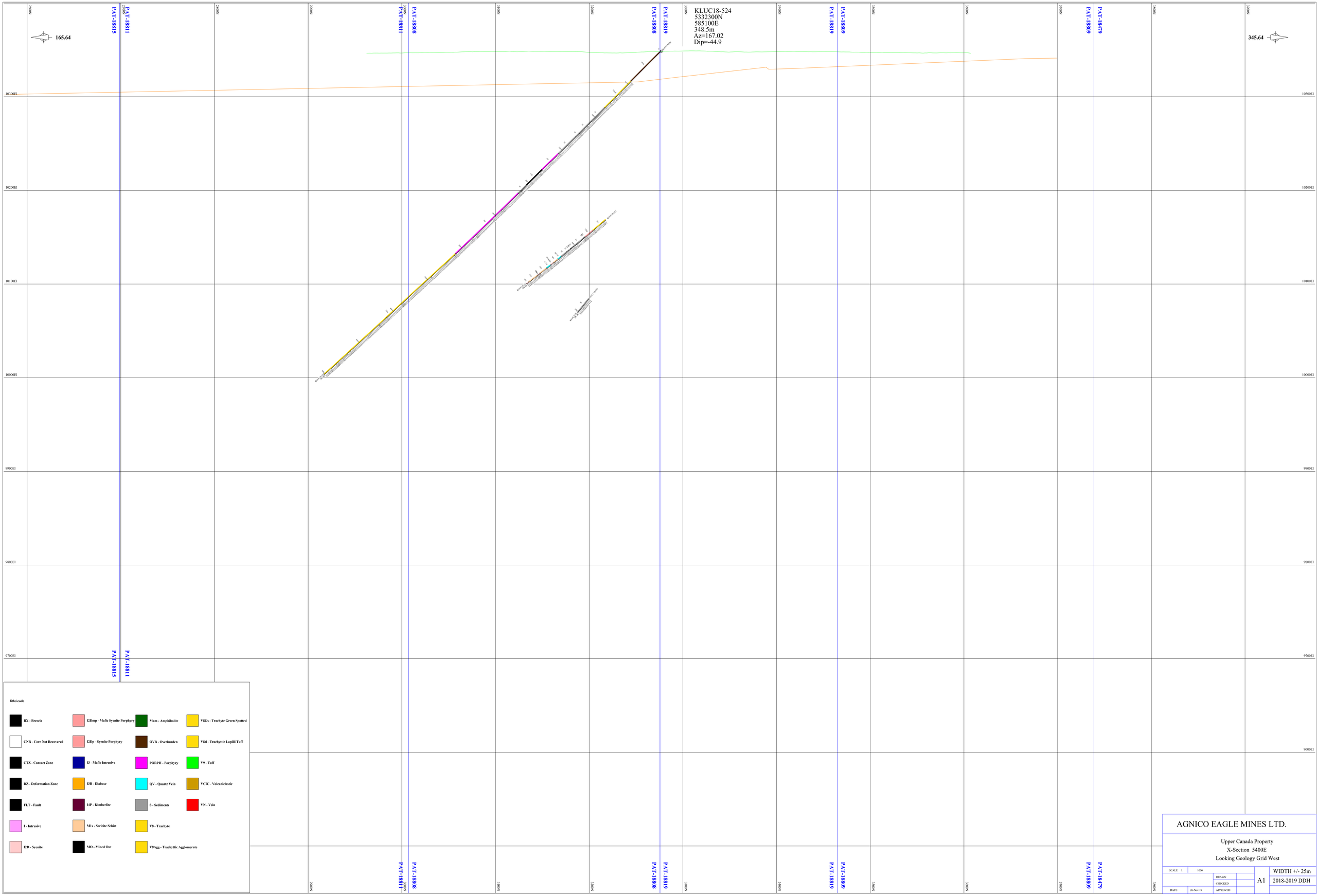

**litho/code**

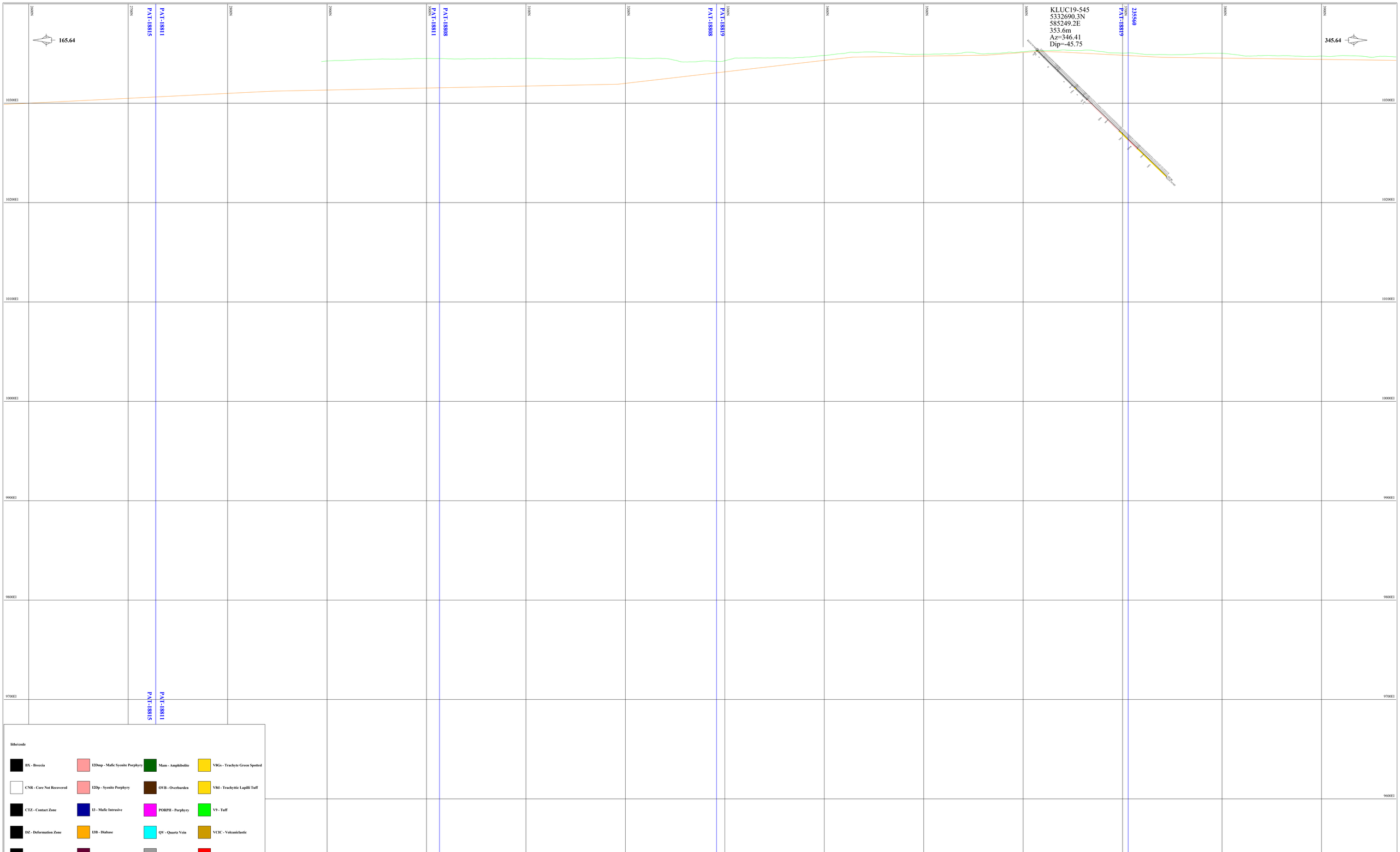
- BX - Breccia
- CNR - Core Not Recovered
- CTZ - Contact Zone
- DZ - Deformation Zone
- FLT - Fault
- I - Intrusive
- I2D - Syenite
- I2Dmp - Mafic Syenite Porphyry
- I2Dp - Syenite Porphyry
- I3 - Mafic Intrusive
- I3B - Diabase
- I4P - Kimberlite
- M1s - Sericite Schist
- MO - Mined Out
- Mam - Amphibolite
- OVB - Overburden
- PORPH - Porphyry
- QV - Quartz Vein
- S - Sediments
- V8 - Trachyte
- V8Agg - Trachyttic Agglomerate
- V8Gs - Trachyte Green Spotted
- V8tl - Trachyttic Lapilli Tuff
- V9 - Tuff
- VCIC - Volcaniclastic
- VN - Vein

# AGNICO EAGLE MINES LTD.

Upper Canada Property
X-Section 5350E
Looking Geology Grid West

| | | | | |
|---|---|---|---|---|
| SCALE 1: | 1000 | | A1 | WIDTH +/- 25m |
| | | DRAWN | | 2018-2019 DDH |
| | | CHECKED | | |
| DATE | 26-Nov-19 | APPROVED | | |

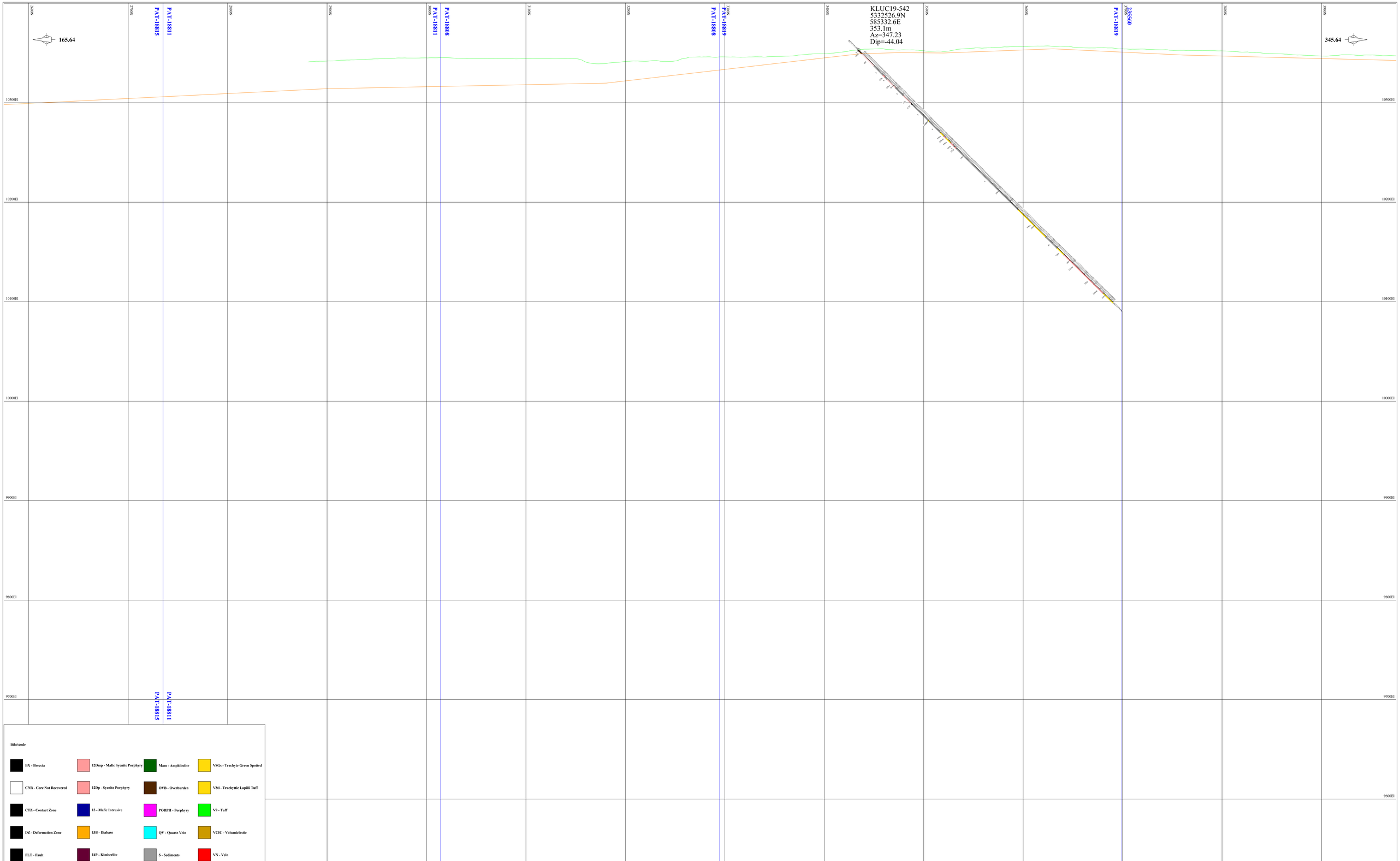

KLUC18-524
5332300N
585100E
348.5m
Az=167.02
Dip=-44.9
165.64
345.64
PAT-18815
PAT-18811
PAT-18808
PAT-18819
PAT-18809
PAT-18479
10300EI
10200EI
10100EI
10000EI
9900EI
9800EI
9700EI
9600EI
litho/code
BX - Breccia
CNR - Core Not Recovered
CTZ - Contact Zone
DZ - Deformation Zone
FLT - Fault
I - Intrusive
I2D - Syenite
I2Dmp - Mafic Syenite Porphyry
I2Dp - Syenite Porphyry
I3 - Mafic Intrusive
I3B - Diabase
I4P - Kimberlite
M1s - Sericite Schist
MO - Mined Out
Mam - Amphibolite
OVB - Overburden
PORPH - Porphyry
QV - Quartz Vein
S - Sediments
V8 - Trachyte
V8Agg - Trachyttic Agglomerate
V8Gs - Trachyte Green Spotted
V8tl - Trachyttic Lapilli Tuff
V9 - Tuff
VCIC - Volcaniclastic
VN - Vein
AGNICO EAGLE MINES LTD.
Upper Canada Property
X-Section 5400E
Looking Geology Grid West
SCALE 1: 1000
DRAWN
CHECKED
APPROVED
DATE 26-Nov-19
A1
WIDTH +/- 25m
2018-2019 DDH




AGNICO EAGLE MINES LTD.

Upper Canada Property
X-Section 5650E
Looking Geology Grid West

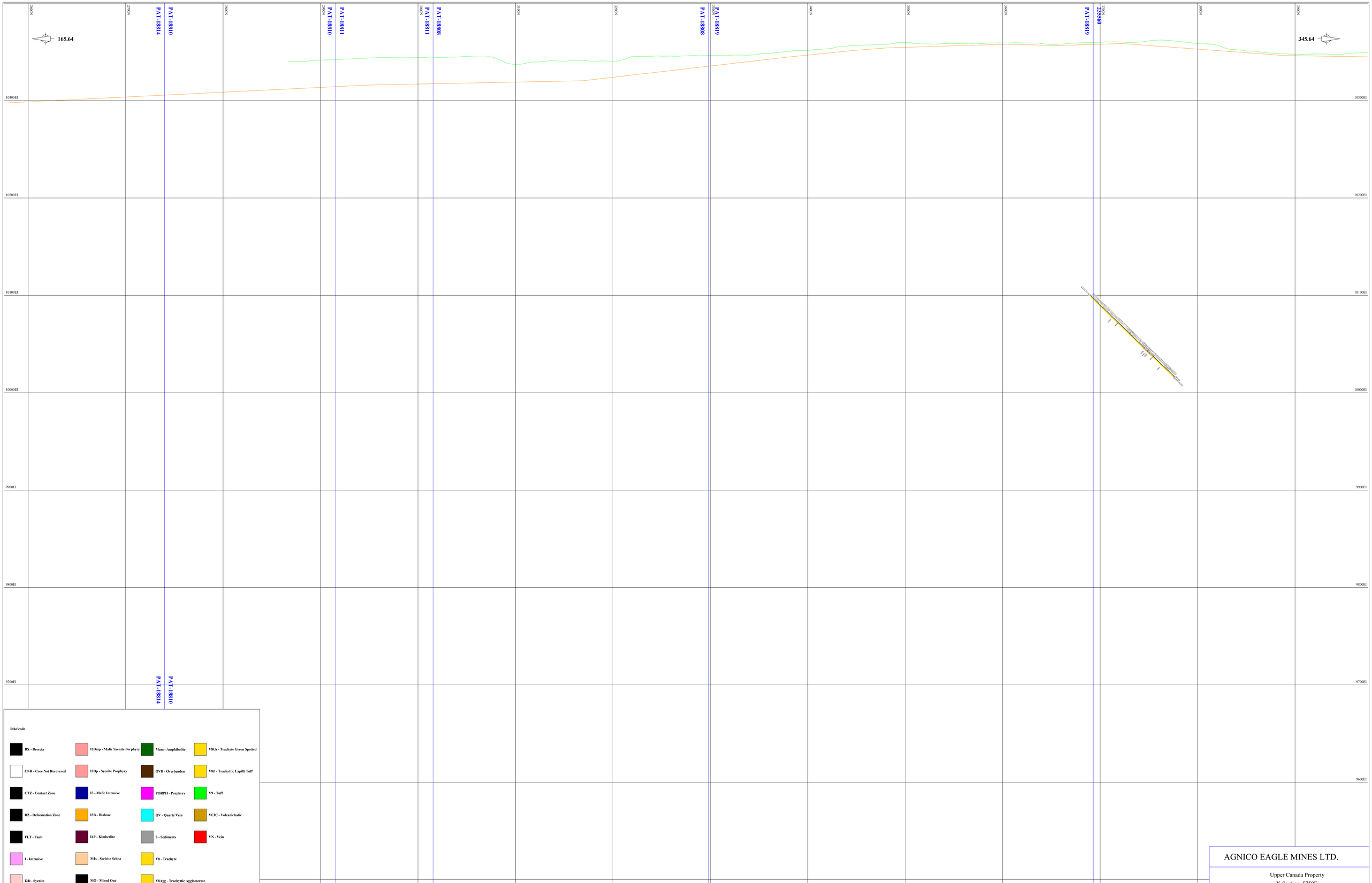
| | | | |
|---|---|---|---|
| SCALE 1: | 1000 | A1 | WIDTH +/- 25m |
| | | | 2018-2019 DDH |
| DRAWN | | | |
| CHECKED | | | |
| DATE | 26-Nov-19 | APPROVED | |

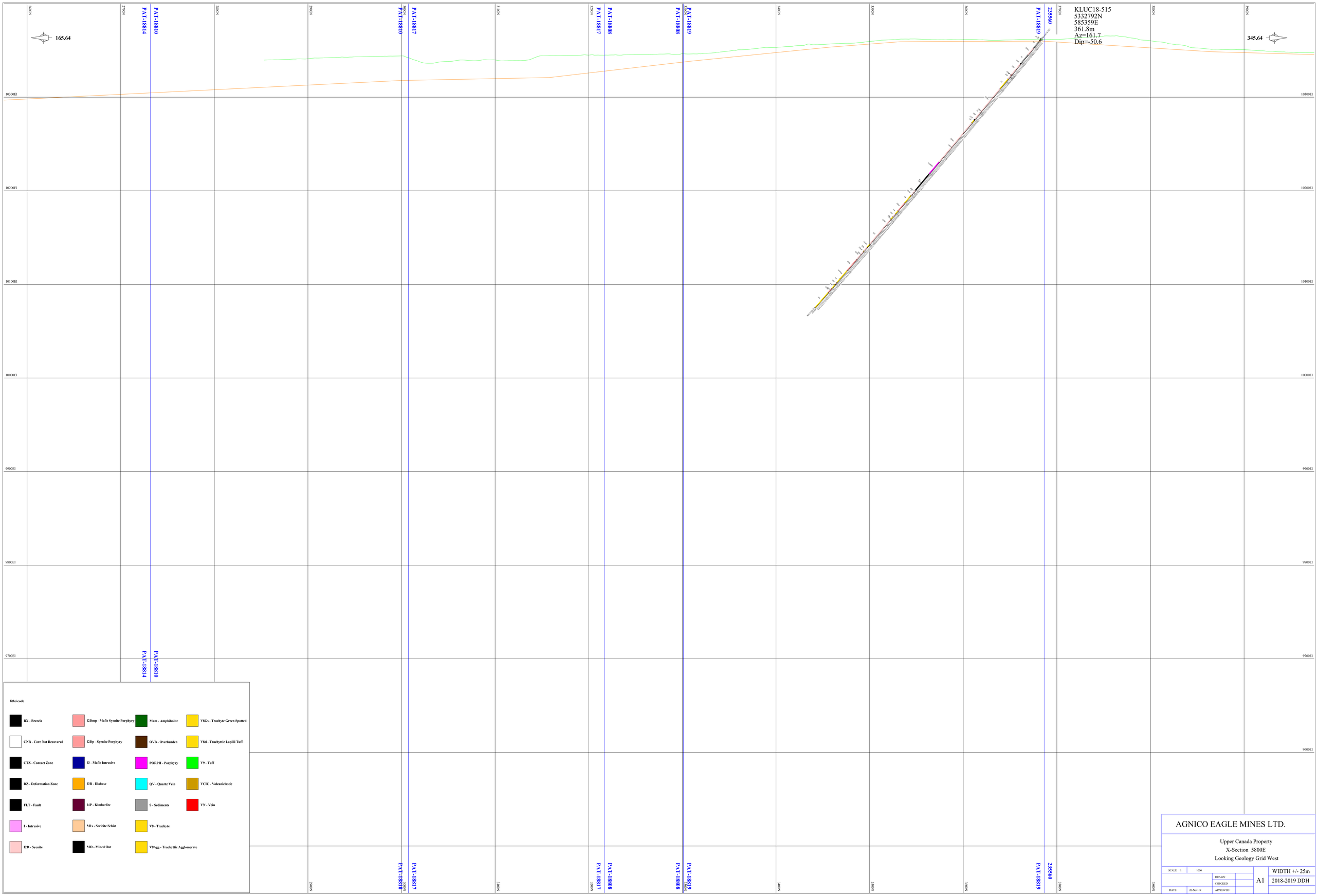


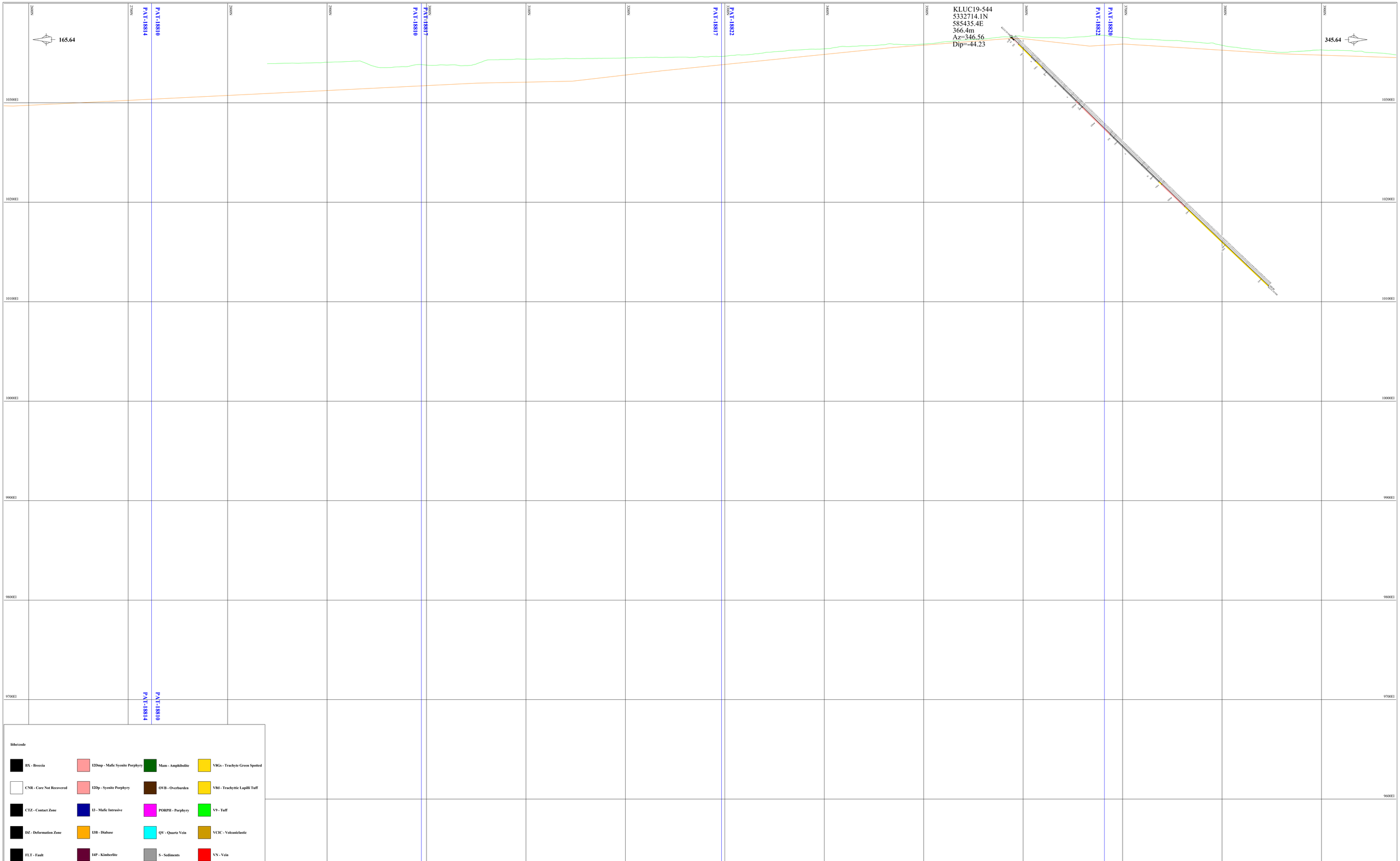

AGNICO EAGLE MINES LTD.

Upper Canada Property
X-Section 5700E
Looking Geology Grid West

| | | | |
|---|---|---|---|
| SCALE 1: | 1000 | A1 | WIDTH +/- 25m |
| DRAWN | | | 2018-2019 DDH |
| CHECKED | | | |
| DATE | 26-Nov-19 | APPROVED | |


165.64
345.64
PAT-18814
PAT-18810
PAT-18811
PAT-18808
PAT-18819
235560
10300E1
10200E1
10100E1
10000E1
9900E1
9800E1
9700E1
9600E1
litho/code
BX - Breccia
CNR - Core Not Recovered
CTZ - Contact Zone
DZ - Deformation Zone
FLT - Fault
I - Intrusive
I2D - Syenite
I2Dmp - Mafic Syenite Porphyry
I2Dp - Syenite Porphyry
I3 - Mafic Intrusive
I3B - Diabase
I4P - Kimberlite
M1s - Sericite Schist
MO - Mined Out
Mam - Amphibolite
OVB - Overburden
PORPH - Porphyry
QV - Quartz Vein
S - Sediments
V8 - Trachyte
V8Agg - Trachyttic Agglomerate
V8Gs - Trachyte Green Spotted
V8tl - Trachyttic Lapilli Tuff
V9 - Tuff
VCIC - Volcaniclastic
VN - Vein
AGNICO EAGLE MINES LTD.
Upper Canada Property
X-Section 5750E
Looking Geology Grid West
SCALE 1: 1000
DRAWN
CHECKED
APPROVED
DATE 26-Nov-19
A1
WIDTH +/- 25m
2018-2019 DDH


165.64
345.64
KLUC18-515
5332792N
585359E
361.8m
Az=161.7
Dip=-50.6
PAT-18814
PAT-18810
PAT-18817
PAT-18808
PAT-18819
235560
10300E1
10200E1
10100E1
10000E1
9900E1
9800E1
9700E1
9600E1
litho/code
BX - Breccia
CNR - Core Not Recovered
CTZ - Contact Zone
DZ - Deformation Zone
FLT - Fault
I - Intrusive
I2D - Syenite
I2Dmp - Mafic Syenite Porphyry
I2Dp - Syenite Porphyry
I3 - Mafic Intrusive
I3B - Diabase
I4P - Kimberlite
M1s - Sericite Schist
MO - Mined Out
Mam - Amphibolite
OVB - Overburden
PORPH - Porphyry
QV - Quartz Vein
S - Sediments
V8 - Trachyte
V8Agg - Trachyttic Agglomerate
V8Gs - Trachyte Green Spotted
V8tl - Trachyttic Lapilli Tuff
V9 - Tuff
VCIC - Volcaniclastic
VN - Vein
AGNICO EAGLE MINES LTD.
Upper Canada Property
X-Section 5800E
Looking Geology Grid West
SCALE 1: 1000
DRAWN
CHECKED
APPROVED
DATE 26-Nov-19
A1
WIDTH +/- 25m
2018-2019 DDH

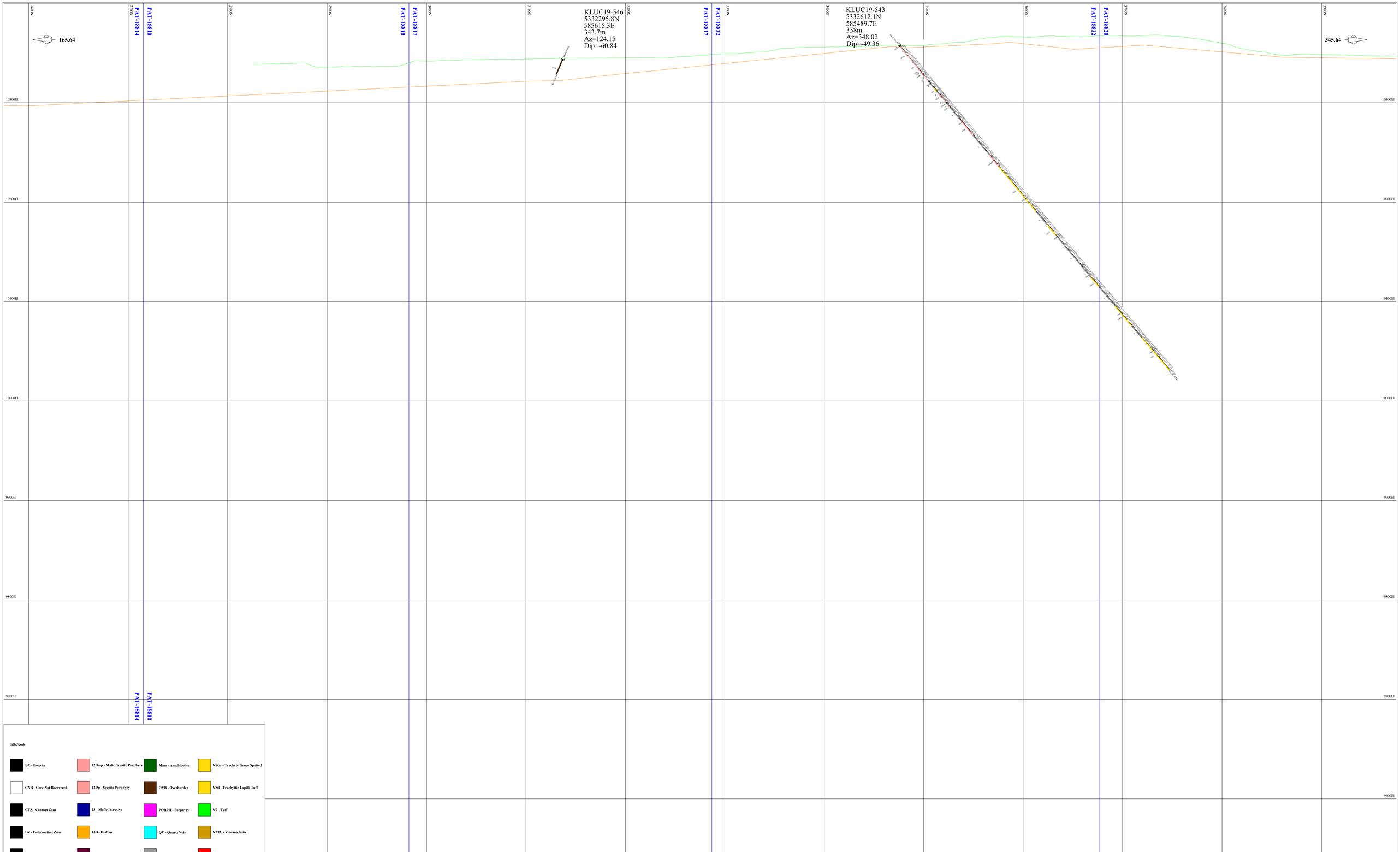



AGNICO EAGLE MINES LTD.

Upper Canada Property
X-Section 5850E
Looking Geology Grid West

| | | | |
|---|---|---|---|
| SCALE 1: | 1000 | | A1 |
| | | DRAWN | |
| | | CHECKED | |
| DATE | 26-Nov-19 | APPROVED | |

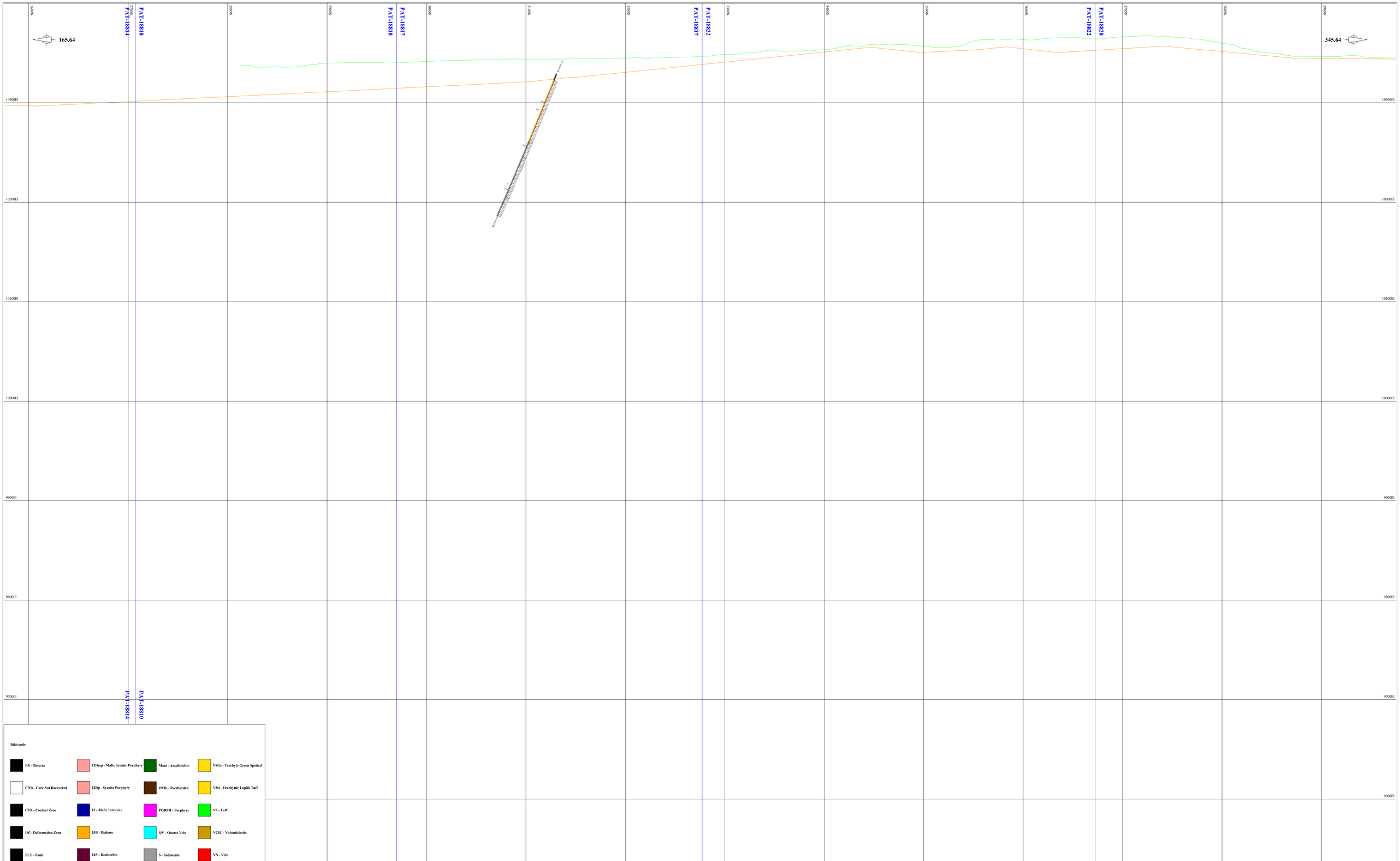
WIDTH +/- 25m
2018-2019 DDH




AGNICO EAGLE MINES LTD.

Upper Canada Property
X-Section 5900E
Looking Geology Grid West

| | | | |
|---|---|---|---|
| SCALE 1: | 1000 | A1 | WIDTH +/- 25m |
| DRAWN | | | 2018-2019 DDH |
| CHECKED | | | |
| DATE | 26-Nov-19 | APPROVED | |



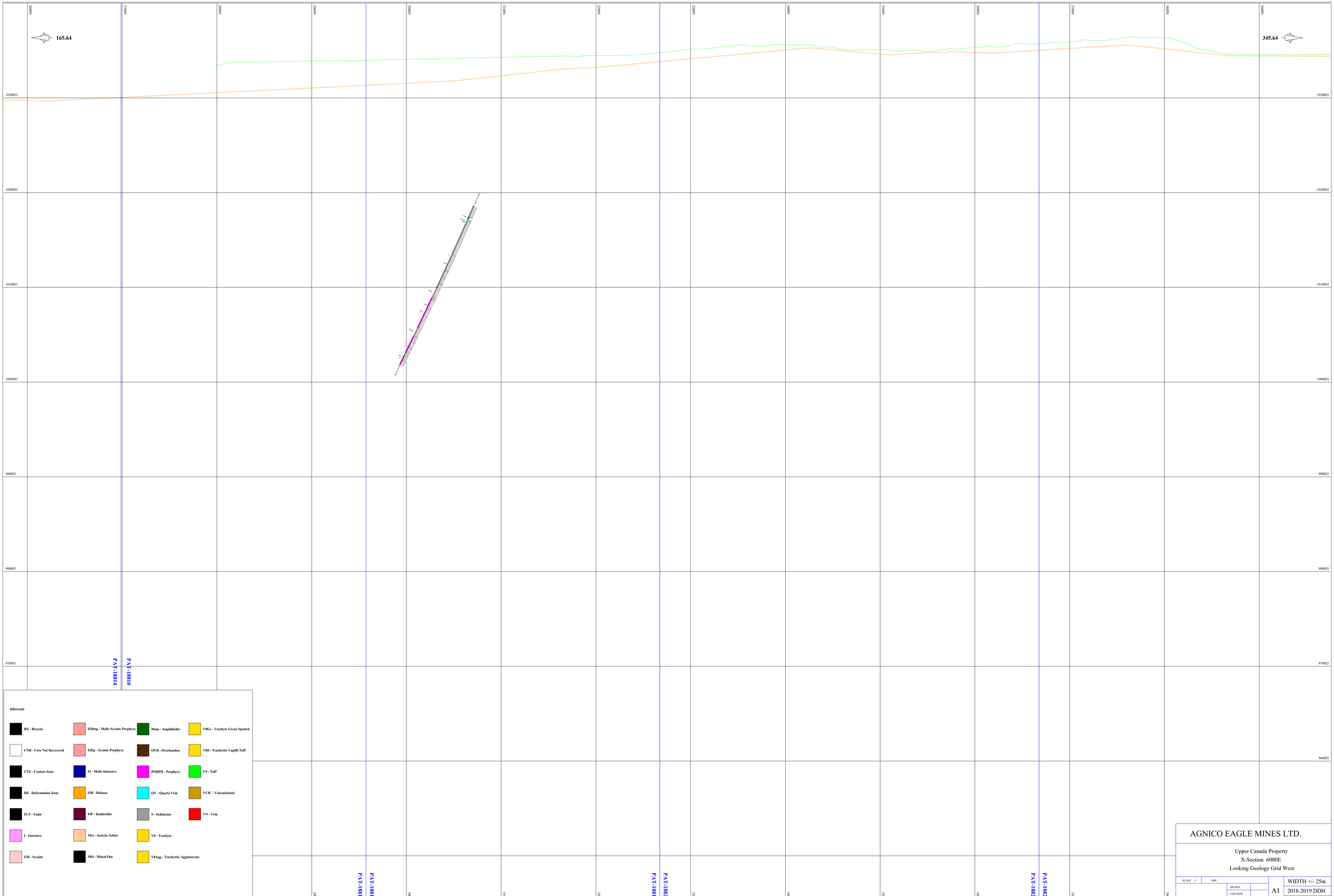

litho/code

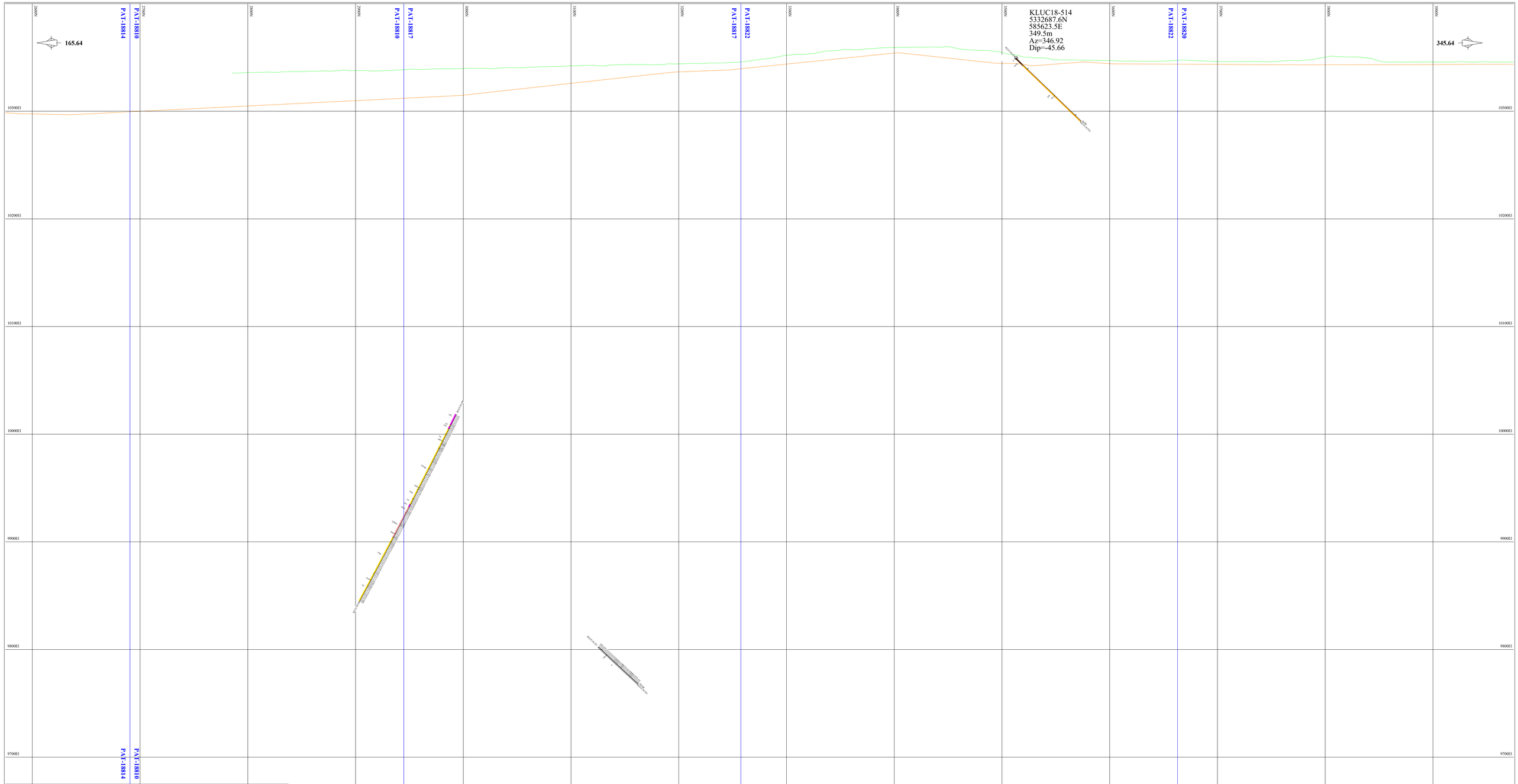
| | | | |
|---|---|---|---|
| BX - Breccia | I2Dmp - Mafic Syenite Porphyry | Mam - Amphibolite | V8Gs - Trachyte Green Spotted |
| CNR - Core Not Recovered | I2Dp - Syenite Porphyry | OVB - Overburden | V8tl - Trachyttic Lapilli Tuff |
| CTZ - Contact Zone | I3 - Mafic Intrusive | PORPH - Porphyry | V9 - Tuff |
| DZ - Deformation Zone | I3B - Diabase | QV - Quartz Vein | VCIC - Volcaniclastic |
| FLT - Fault | I4P - Kimberlite | S - Sediments | VN - Vein |
| I - Intrusive | M1s - Sericite Schist | V8 - Trachyte | |
| I2D - Syenite | MO - Mined Out | V8Agg - Trachyttic Agglomerate | |

AGNICO EAGLE MINES LTD.

Upper Canada Property
X-Section 5950E
Looking Geology Grid West

| | | | | |
|---|---|---|---|---|
| SCALE 1: | 1000 | | A1 | WIDTH +/- 25m |
| | | DRAWN | | 2018-2019 DDH |
| | | CHECKED | | |
| DATE | 26-Nov-19 | APPROVED | | |


165.64
345.64
10300E
10200E
10100E
10000E
9900E
9800E
9700E
9600E
PAT-18814
PAT-18810
PAT-18810
PAT-18817
PAT-18817
PAT-18822
PAT-18820
PAT-18822
litho/code
BX - Breccia
CNR - Core Not Recovered
CTZ - Contact Zone
DZ - Deformation Zone
FLT - Fault
I - Intrusive
I2D - Syenite
I2Dmp - Mafic Syenite Porphyry
I2Dp - Syenite Porphyry
I3 - Mafic Intrusive
I3B - Diabase
I4P - Kimberlite
M1s - Sericite Schist
MO - Mined Out
Mam - Amphibolite
OVB - Overburden
PORPH - Porphyry
QV - Quartz Vein
S - Sediments
V8 - Trachyte
V8Agg - Trachyttic Agglomerate
V8Gs - Trachyte Green Spotted
V8tl - Trachyttic Lapilli Tuff
V9 - Tuff
VCIC - Volcaniclastic
VN - Vein
AGNICO EAGLE MINES LTD.
Upper Canada Property
X-Section 6000E
Looking Geology Grid West
SCALE 1: 1000
DRAWN
CHECKED
APPROVED
DATE 26-Nov-19
A1
WIDTH +/- 25m
2018-2019 DDH



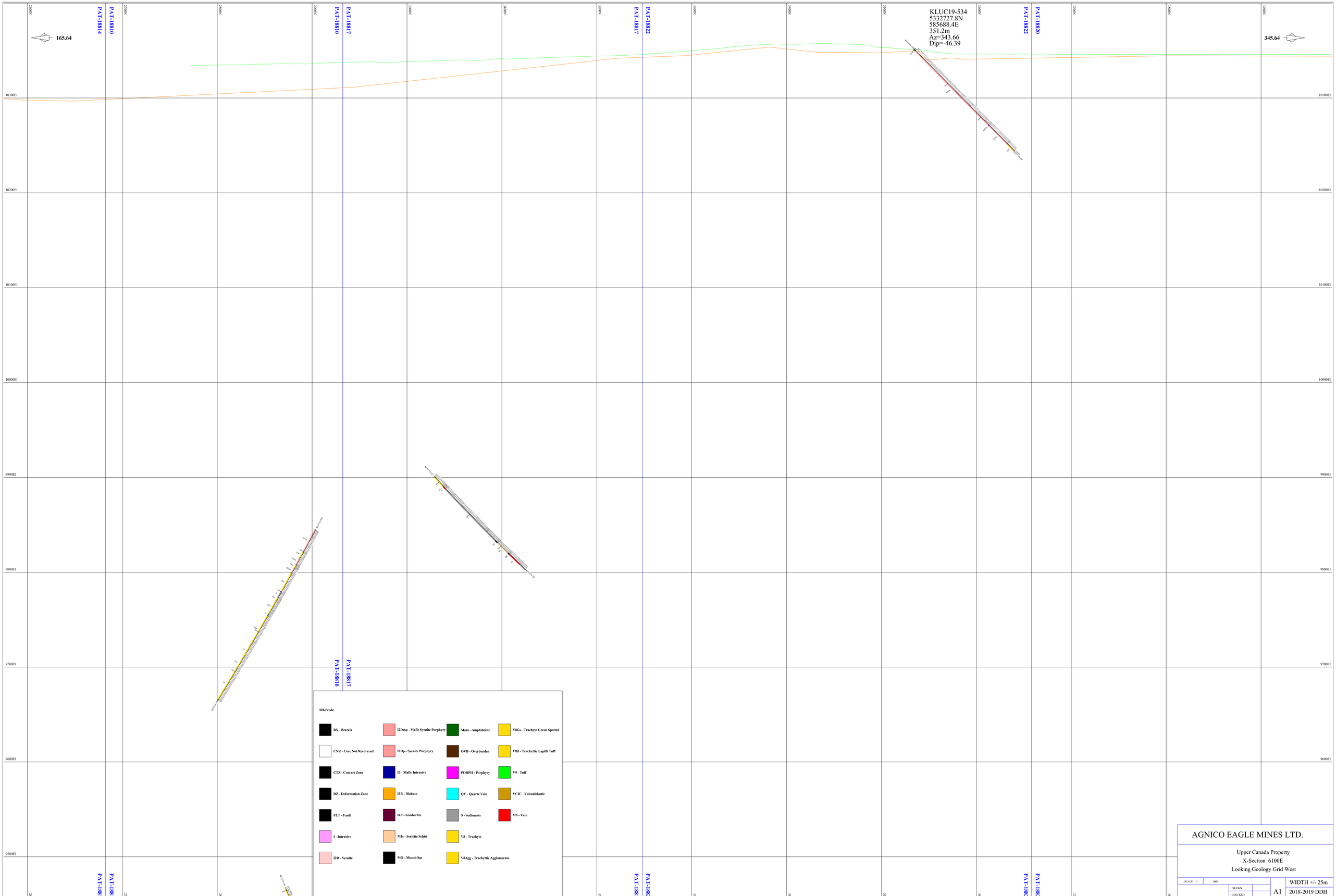

litho/code

| | | | |
|---|---|---|---|
| BX - Breccia | I2Dmp - Mafic Syenite Porphyry | Mam - Amphibolite | V8Gs - Trachyte Green Spotted |
| CNR - Core Not Recovered | I2Dp - Syenite Porphyry | OVB - Overburden | V8tl - Trachyttic Lapilli Tuff |
| CTZ - Contact Zone | I3 - Mafic Intrusive | PORPH - Porphyry | V9 - Tuff |
| DZ - Deformation Zone | I3B - Diabase | QV - Quartz Vein | VCIC - Volcaniclastic |
| FLT - Fault | I4P - Kimberlite | S - Sediments | VN - Vein |
| I - Intrusive | M1s - Sericite Schist | V8 - Trachyte | |
| I2D - Syenite | MO - Mined Out | V8Agg - Trachyttic Agglomerate | |

AGNICO EAGLE MINES LTD.

Upper Canada Property
X-Section 6050E
Looking Geology Grid West

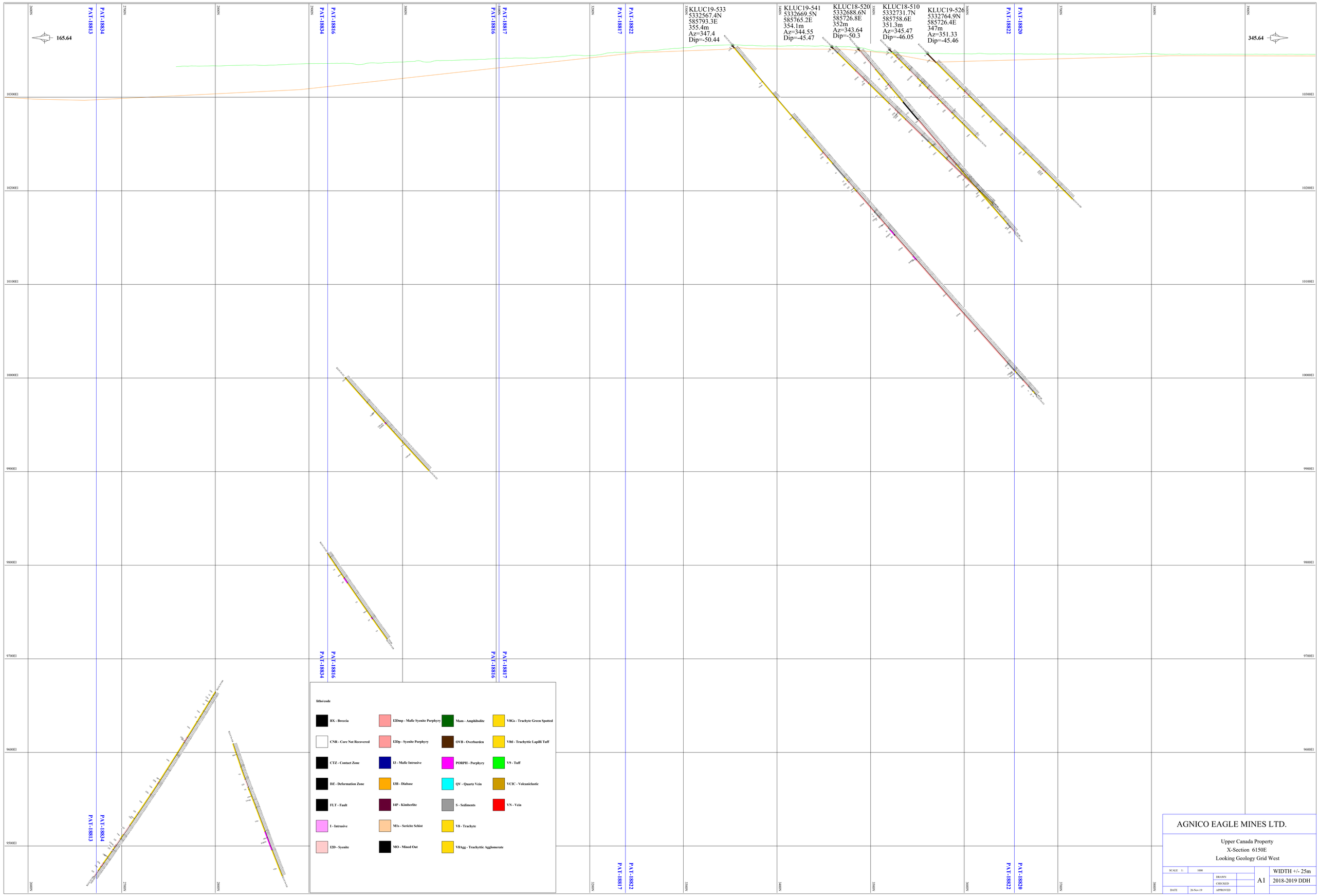
| | | | | |
|---|---|---|---|---|
| SCALE 1: | 1000 | | A1 | WIDTH +/- 25m |
| | | DRAWN | | 2018-2019 DDH |
| | | CHECKED | | |
| DATE | 26-Nov-19 | APPROVED | | |

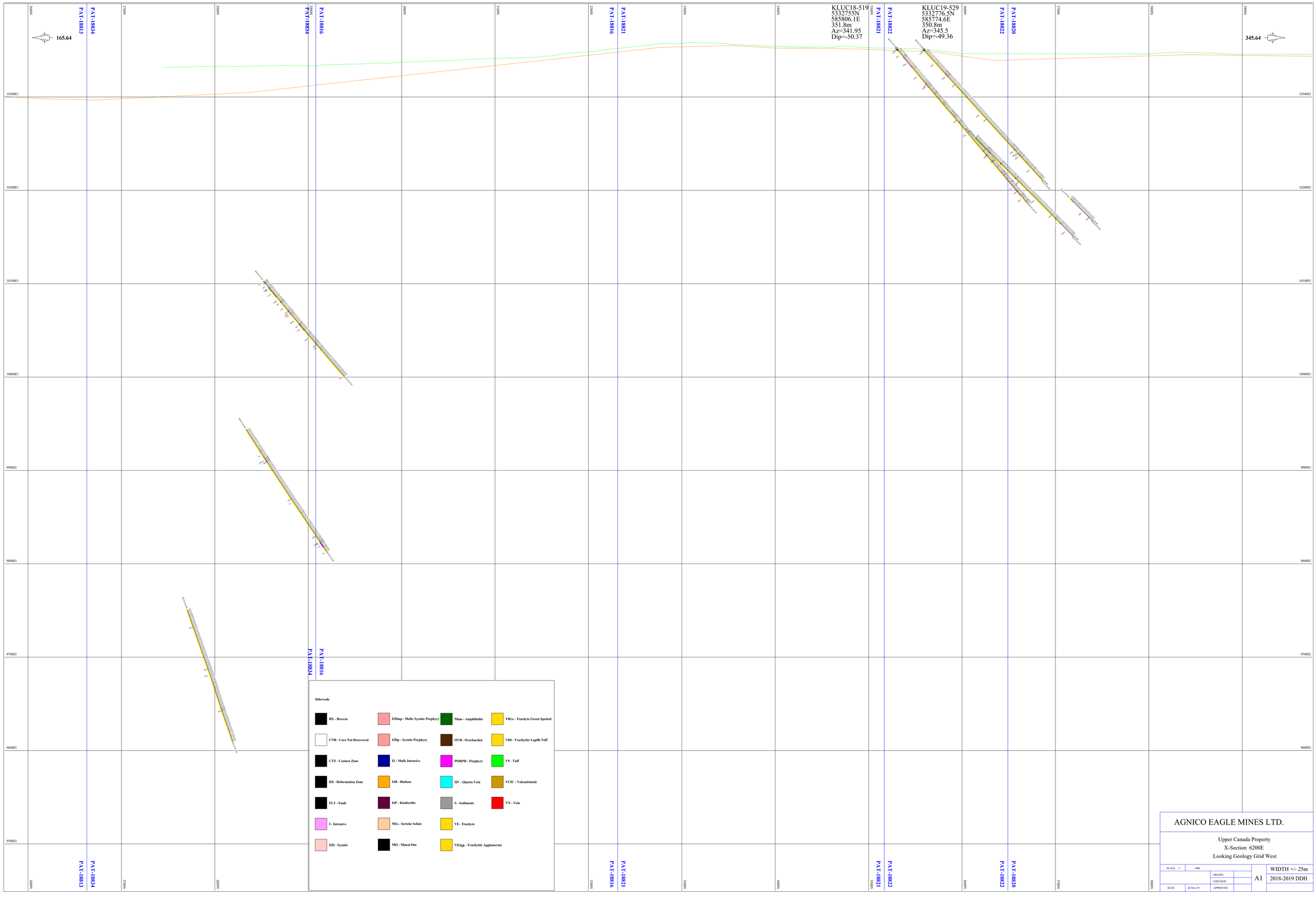



AGNICO EAGLE MINES LTD.

Upper Canada Property
X-Section 6100E
Looking Geology Grid West

| | | | |
|---|---|---|---|
| SCALE 1: | 1000 | A1 | WIDTH +/- 25m |
| | DRAWN | | 2018-2019 DDH |
| | CHECKED | | |
| DATE | 26-Nov-19 | APPROVED | |

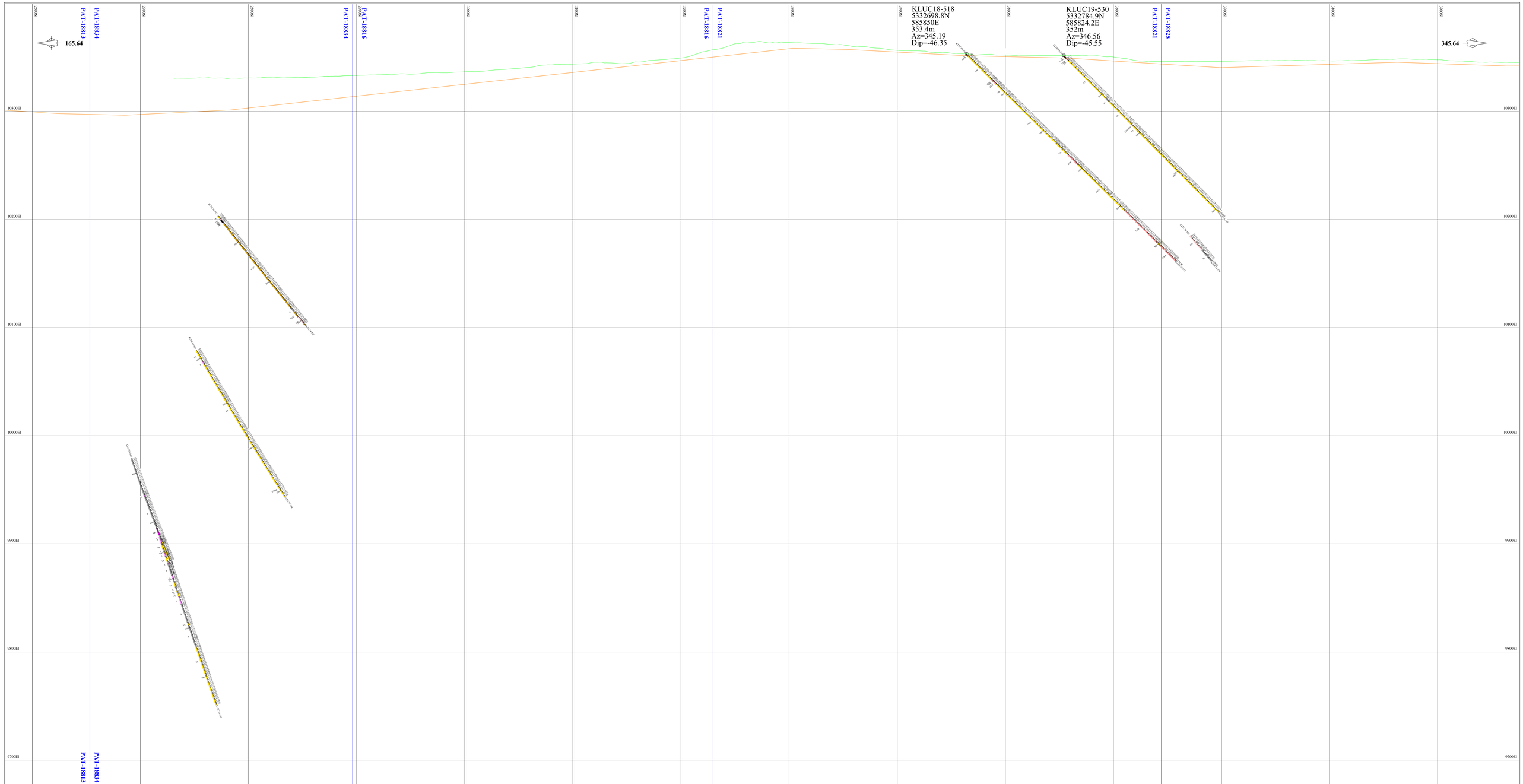

165.64
345.64
PAT-18813
PAT-18834
PAT-18816
PAT-18817
PAT-18822
PAT-18820
KLUC19-533
5332567.4N
585793.3E
355.4m
Az=347.4
Dip=-50.44
KLUC19-541
5332669.5N
585765.2E
354.1m
Az=344.55
Dip=-45.47
KLUC18-520
5332688.6N
585726.8E
352m
Az=343.64
Dip=-50.3
KLUC18-510
5332731.7N
585758.6E
351.3m
Az=345.47
Dip=-46.05
KLUC19-526
5332764.9N
585726.4E
347m
Az=351.33
Dip=-45.46
10300E1
10200E1
10100E1
10000E1
9900E1
9800E1
9700E1
9600E1
9500E1
lithocode
BX - Breccia
CNR - Core Not Recovered
CTZ - Contact Zone
DZ - Deformation Zone
FLT - Fault
I - Intrusive
I2D - Syenite
I2Dmp - Mafic Syenite Porphyry
I2Dp - Syenite Porphyry
I3 - Mafic Intrusive
I3B - Diabase
I4P - Kimberlite
M1s - Sericite Schist
MO - Mined Out
Mam - Amphibolite
OVB - Overburden
PORPH - Porphyry
QV - Quartz Vein
S - Sediments
V8 - Trachyte
V8Agg - Trachyttic Agglomerate
V8Gs - Trachyte Green Spotted
V8tl - Trachyttic Lapilli Tuff
V9 - Tuff
VC1C - Volcaniclastic
VN - Vein
AGNICO EAGLE MINES LTD.
Upper Canada Property
X-Section 6150E
Looking Geology Grid West
SCALE 1: 1000
DRAWN
CHECKED
DATE 26-Nov-19
APPROVED
A1
WIDTH +/- 25m
2018-2019 DDH




AGNICO EAGLE MINES LTD.

Upper Canada Property
X-Section 6200E
Looking Geology Grid West

| | | | | | |
|---|---|---|---|---|---|
| SCALE 1: | 1000 | | | A1 | WIDTH +/- 25m |
| | | DRAWN | | | 2018-2019 DDH |
| | | CHECKED | | | |
| DATE | 26-Nov-19 | APPROVED | | | |



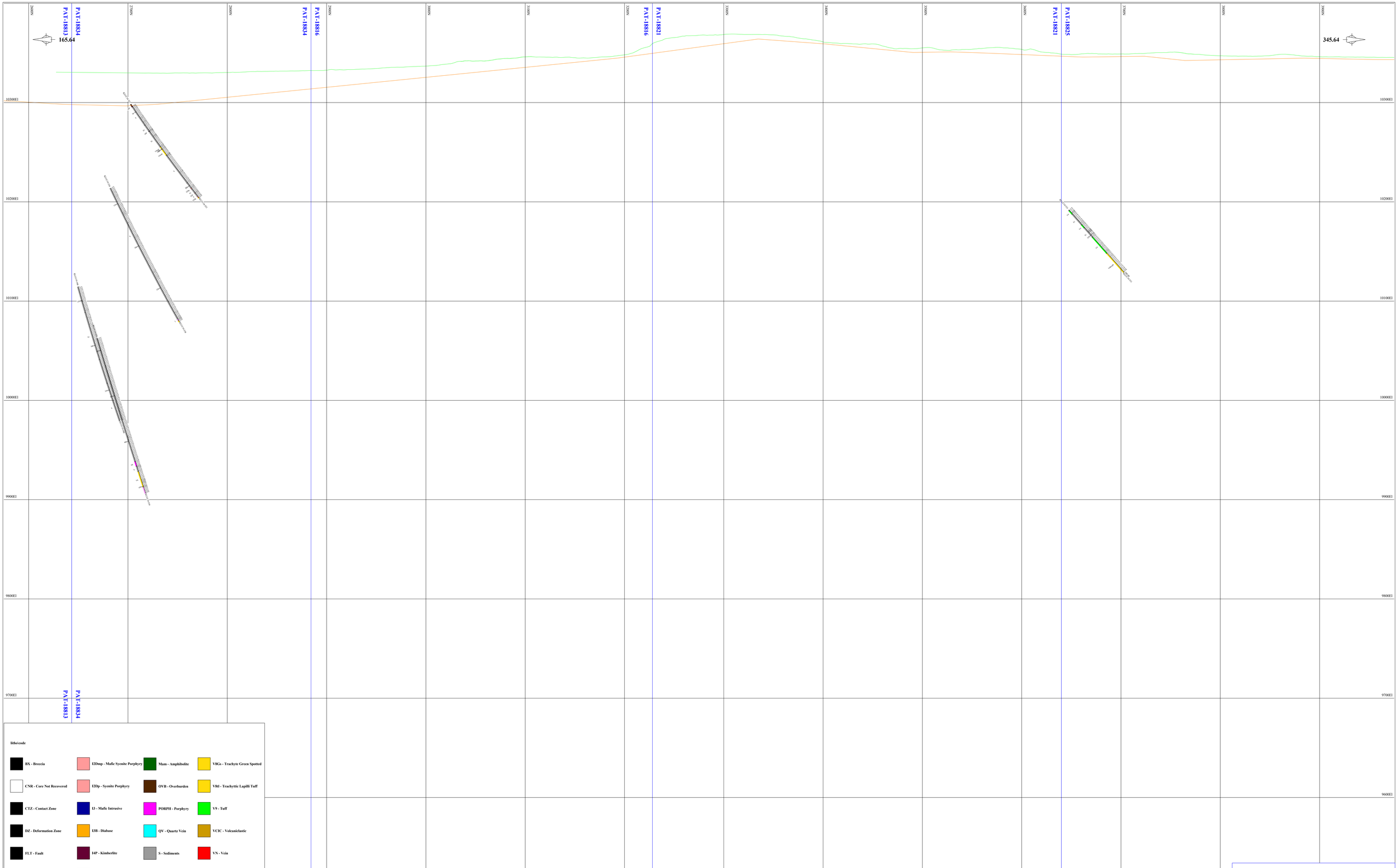

**litho/code**

| | | | |
|---|---|---|---|
| BX - Breccia | I2Dmp - Mafic Syenite Porphyry | Mam - Amphibolite | V8Gs - Trachyte Green Spotted |
| CNR - Core Not Recovered | I2Dp - Syenite Porphyry | OVB - Overburden | V8tl - Trachyttic Lapilli Tuff |
| CTZ - Contact Zone | I3 - Mafic Intrusive | PORPH - Porphyry | V9 - Tuff |
| DZ - Deformation Zone | I3B - Diabase | QV - Quartz Vein | VCIC - Volcaniclastic |
| FLT - Fault | I4P - Kimberlite | S - Sediments | VN - Vein |
| I - Intrusive | M1s - Sericite Schist | V8 - Trachyte | |
| I2D - Syenite | MO - Mined Out | V8Agg - Trachyttic Agglomerate | |

AGNICO EAGLE MINES LTD.

Upper Canada Property
X-Section 6250E
Looking Geology Grid West

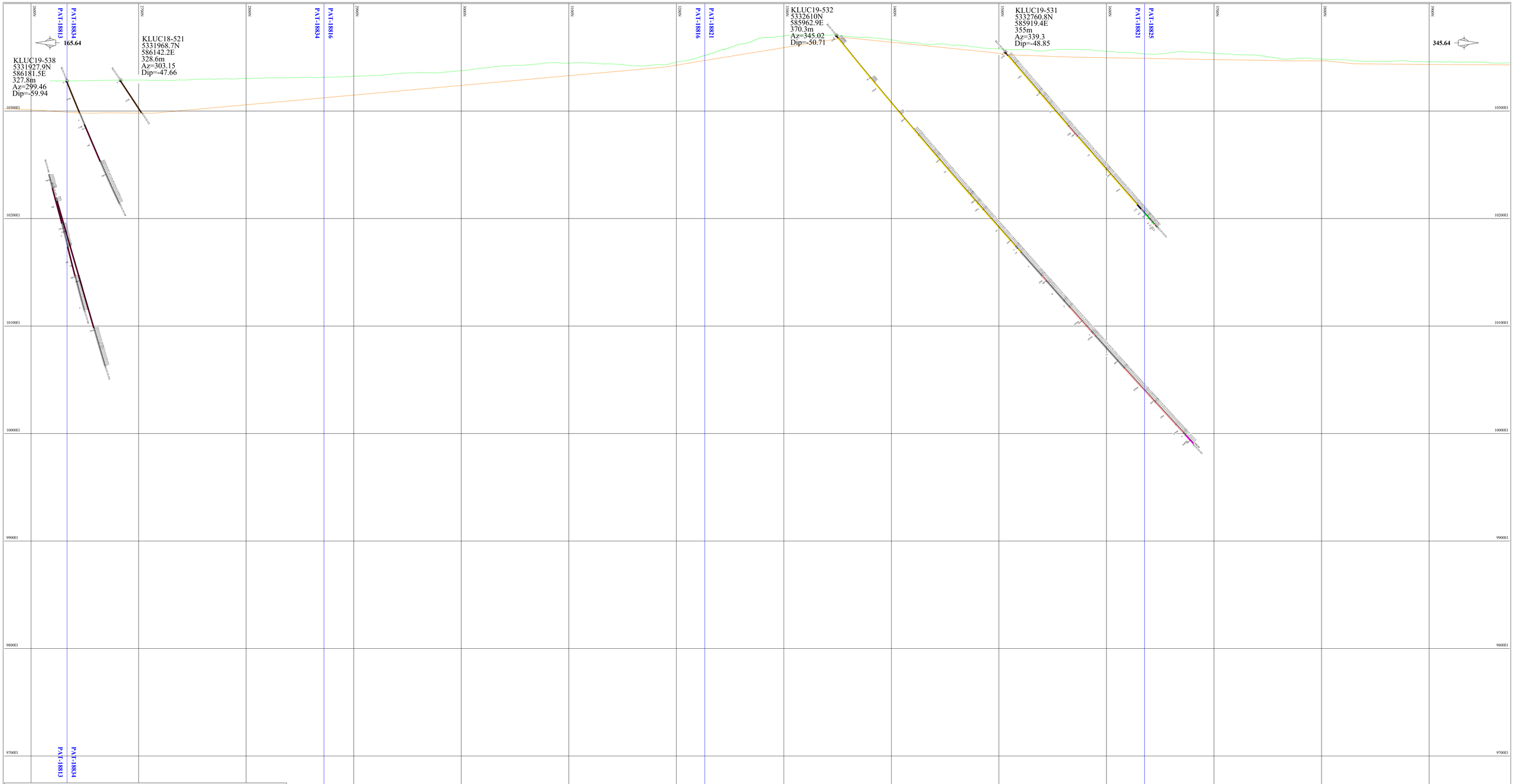
| | | | |
|---|---|---|---|
| SCALE 1: | 1000 | A1 | WIDTH +/- 25m |
| | DRAWN | | 2018-2019 DDH |
| | CHECKED | | |
| DATE | 26-Nov-19 | APPROVED | |




AGNICO EAGLE MINES LTD.

Upper Canada Property
X-Section 6300E
Looking Geology Grid West

| | | | | |
|---|---|---|---|---|
| SCALE 1: | 1000 | | A1 | WIDTH +/- 25m |
| | | DRAWN | | 2018-2019 DDH |
| | | CHECKED | | |
| DATE | 26-Nov-19 | APPROVED | | |




litho/code

- BX - Breccia
- CNR - Core Not Recovered
- CTZ - Contact Zone
- DZ - Deformation Zone
- FLT - Fault
- I - Intrusive
- I2D - Syenite
- I2Dmp - Mafic Syenite Porphyry
- I2Dp - Syenite Porphyry
- I3 - Mafic Intrusive
- I3B - Diabase
- I4P - Kimberlite
- M1s - Sericite Schist
- MO - Mined Out
- Mam - Amphibolite
- OVB - Overburden
- PORPH - Porphyry
- QV - Quartz Vein
- S - Sediments
- V8 - Trachyte
- V8Agg - Trachyttic Agglomerate
- V8Gs - Trachyte Green Spotted
- V8tl - Trachyttic Lapilli Tuff
- V9 - Tuff
- VCIC - Volcaniclastic
- VN - Vein

AGNICO EAGLE MINES LTD.

Upper Canada Property
X-Section 6350E
Looking Geology Grid West

| | | | |
|---|---|---|---|
| SCALE 1: | 1000 | A1 | WIDTH +/- 25m |
| | DRAWN | | 2018-2019 DDH |
| | CHECKED | | |
| DATE | 26-Nov-19 | APPROVED | |

litho/code

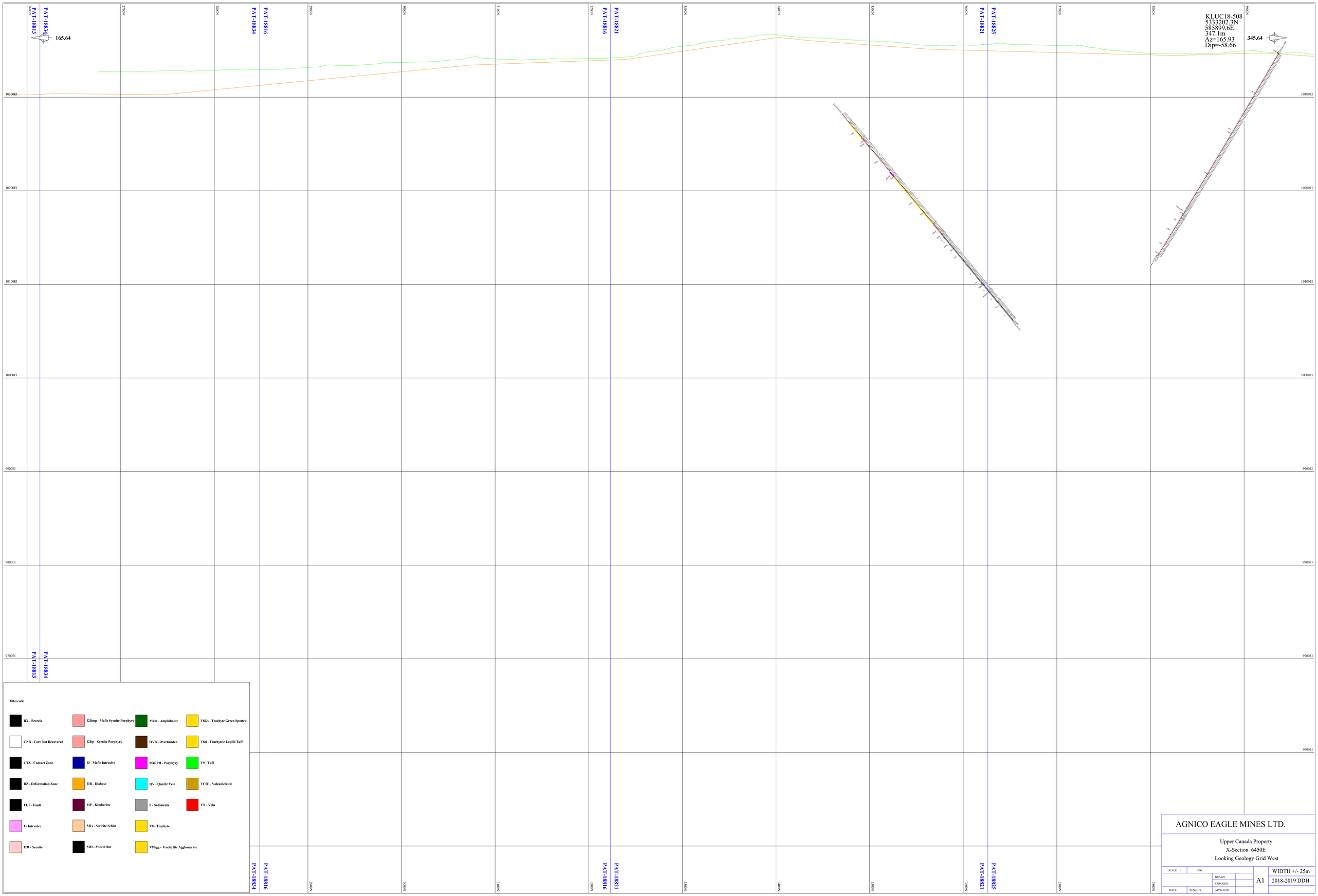
- BX - Breccia
- CNR - Core Not Recovered
- CTZ - Contact Zone
- DZ - Deformation Zone
- FLT - Fault
- I - Intrusive
- I2D - Syenite
- I2Dmp - Mafic Syenite Porphyry
- I2Dp - Syenite Porphyry
- I3 - Mafic Intrusive
- I3B - Diabase
- I4P - Kimberlite
- M1s - Sericite Schist
- MO - Mined Out
- Mam - Amphibolite
- OVB - Overburden
- PORPH - Porphyry
- QV - Quartz Vein
- S - Sediments
- V8 - Trachyte
- V8Agg - Trachyttic Agglomerate
- V8Gs - Trachyte Green Spotted
- V8tl - Trachyttic Lapilli Tuff
- V9 - Tuff
- VCIC - Volcaniclastic
- VN - Vein

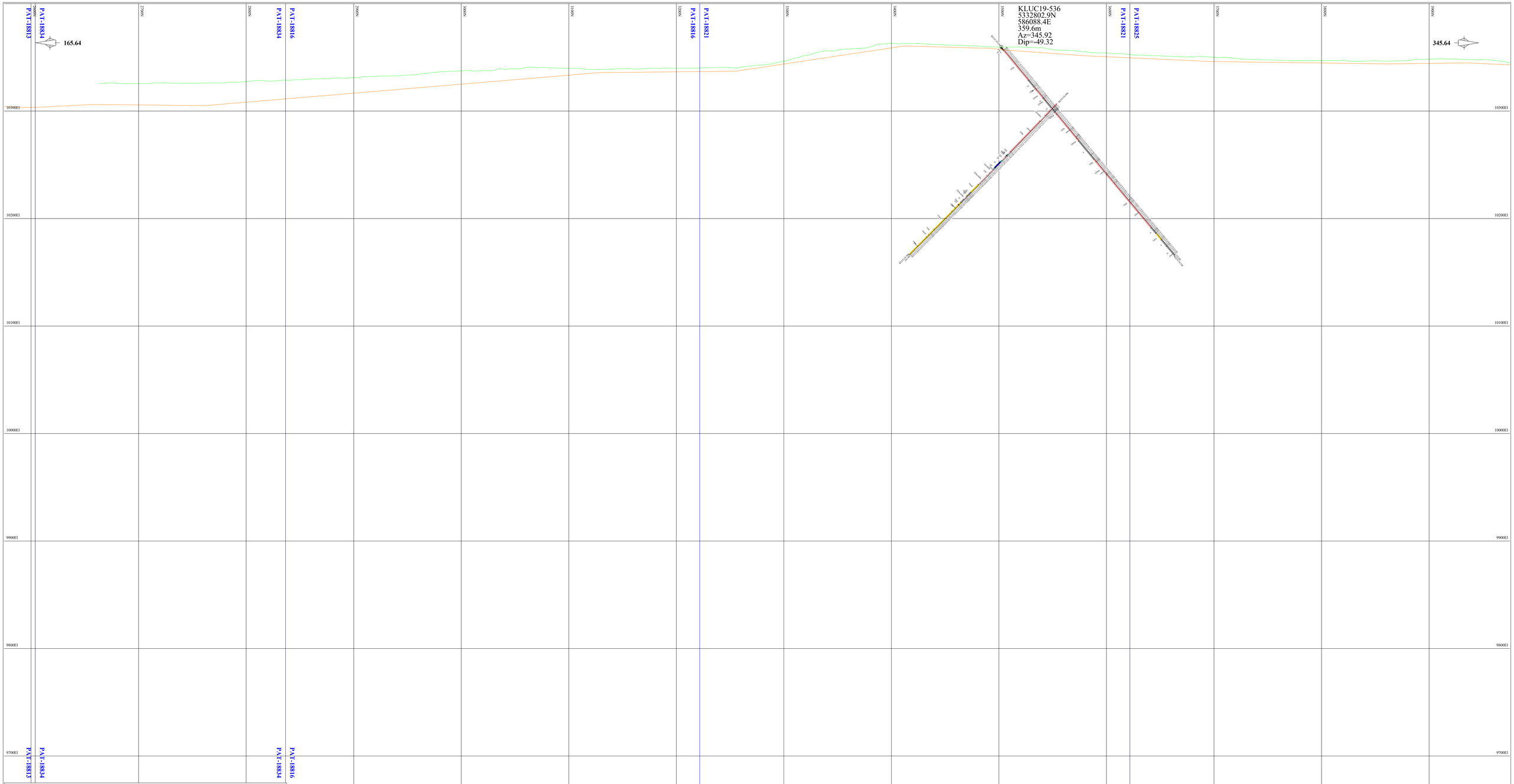
NGO02 NGO03 NGO11 NGO12 NGO13 NGO14 NGO15 NGO16 NGO17 NGO18

AGNICO EAGLE MINES LTD.

Upper Canada Property
X-Section 6400E
Looking Geology Grid West

| | | | | |
|---|---|---|---|---|
| SCALE 1: | 1000 | | A1 | WIDTH +/- 25m |
| | | DRAWN | | 2018-2019 DDH |
| | | CHECKED | | |
| DATE | 26-Nov-19 | APPROVED | | |

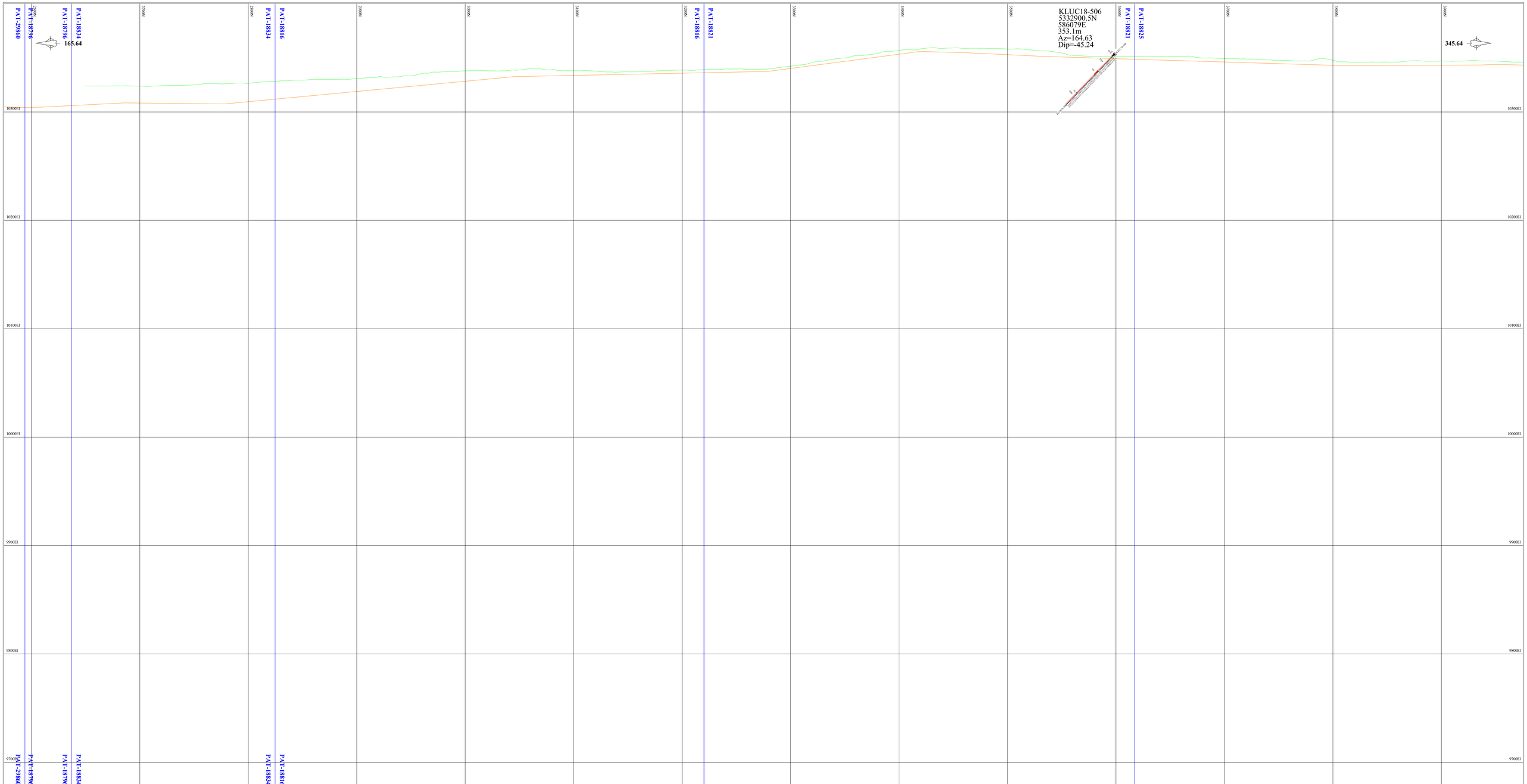

PAT-18813
PAT-18834
165.64
PAT-18834
PAT-18816
PAT-18816
PAT-18821
PAT-18821
PAT-18825
KLUC18-508
5333202.3N
585899.6E
347.1m
Az=165.93
Dip=-58.66
345.64
10300E1
10200E1
10100E1
10000E1
9900E1
9800E1
9700E1
9600E1
PAT-18813
PAT-18834
PAT-18834
PAT-18816
PAT-18816
PAT-18821
PAT-18821
PAT-18825
litho/code
BX - Breccia
CNR - Core Not Recovered
CTZ - Contact Zone
DZ - Deformation Zone
FLT - Fault
I - Intrusive
I2D - Syenite
I2Dmp - Mafic Syenite Porphyry
I2Dp - Syenite Porphyry
I3 - Mafic Intrusive
I3B - Diabase
I4P - Kimberlite
M1s - Sericite Schist
MO - Mined Out
Mam - Amphibolite
OVB - Overburden
PORPH - Porphyry
QV - Quartz Vein
S - Sediments
V8 - Trachyte
V8Agg - Trachyttic Agglomerate
V8Gs - Trachyte Green Spotted
V8tl - Trachyttic Lapilli Tuff
V9 - Tuff
VCIC - Volcaniclastic
VN - Vein
AGNICO EAGLE MINES LTD.
Upper Canada Property
X-Section 6450E
Looking Geology Grid West
SCALE 1: 1000
DRAWN
CHECKED
APPROVED
DATE 26-Nov-19
A1
WIDTH +/- 25m
2018-2019 DDH




AGNICO EAGLE MINES LTD.

Upper Canada Property
X-Section 6500E
Looking Geology Grid West

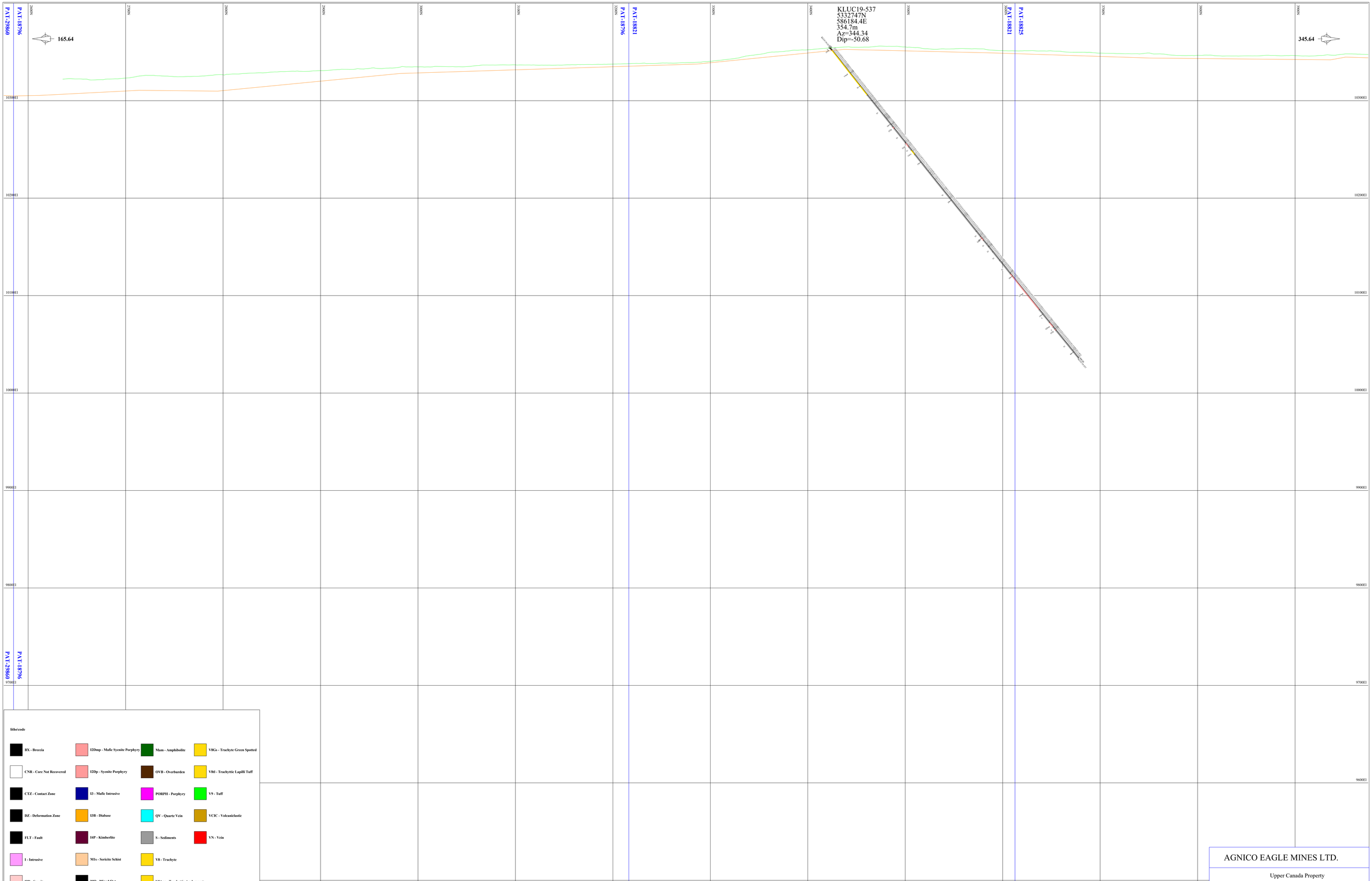
| | | | |
|---|---|---|---|
| SCALE 1: | 1000 | A1 | WIDTH +/- 25m |
| DRAWN | | | 2018-2019 DDH |
| CHECKED | | | |
| DATE | 26-Nov-19 | APPROVED | |




AGNICO EAGLE MINES LTD.

Upper Canada Property
X-Section 6550E
Looking Geology Grid West

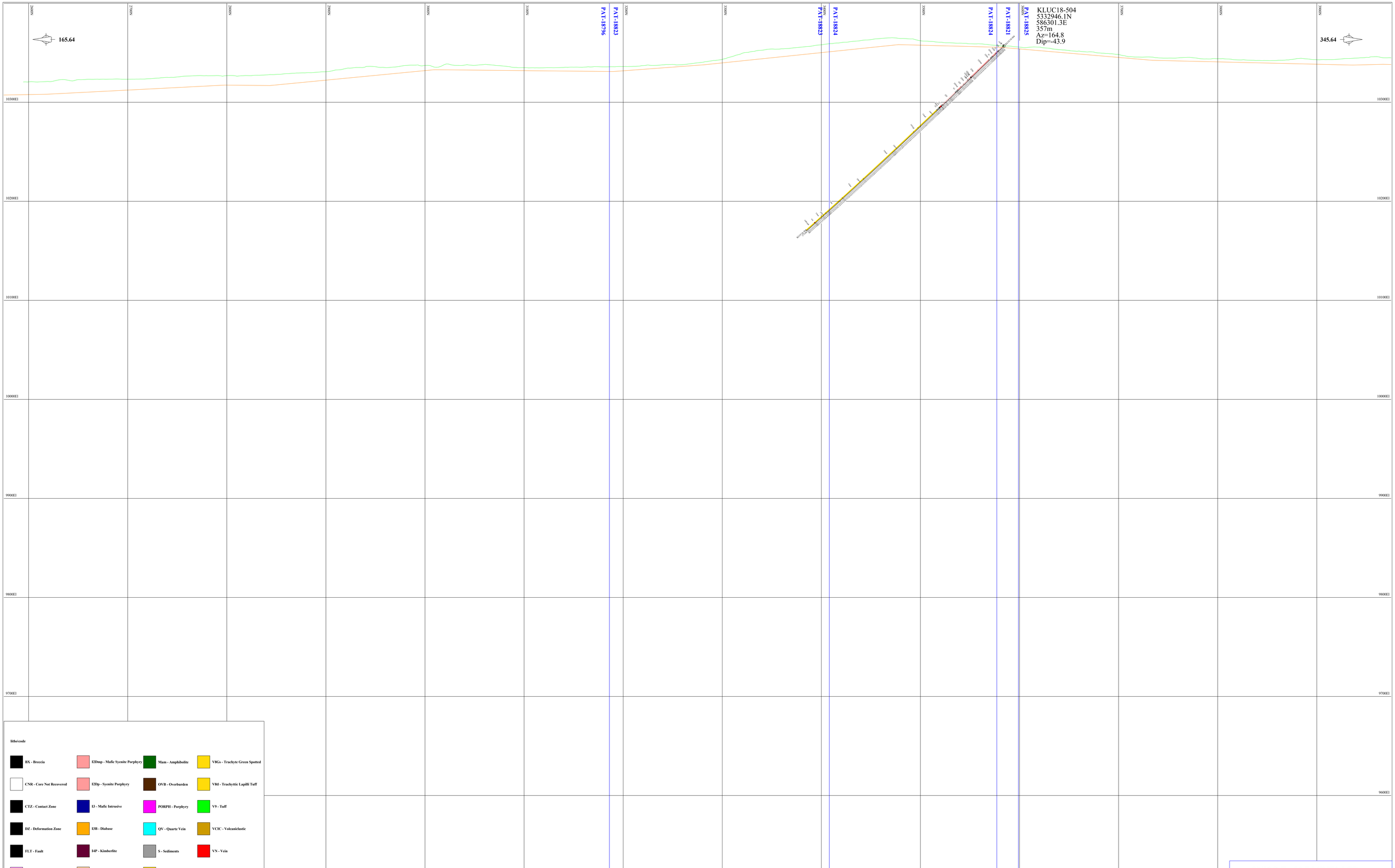
| | | | |
|---|---|---|---|
| SCALE 1: | 1000 | A1 | WIDTH +/- 25m |
| DRAWN | | | 2018-2019 DDH |
| CHECKED | | | |
| DATE | 26-Nov-19 | APPROVED | |




AGNICO EAGLE MINES LTD.

Upper Canada Property
X-Section 6600E
Looking Geology Grid West

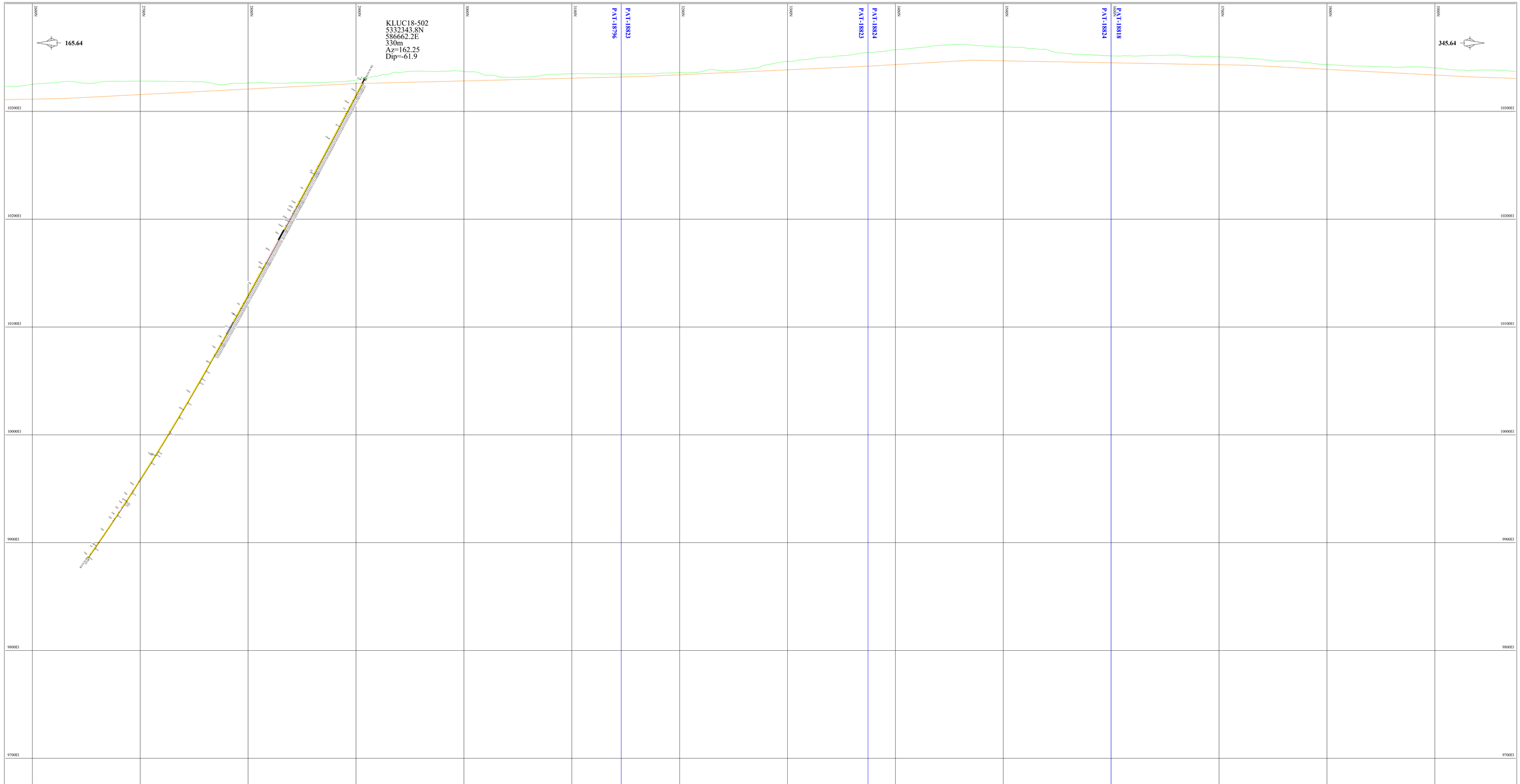
| | | | |
|---|---|---|---|
| SCALE 1: | 1000 | A1 | WIDTH +/- 25m |
| | | | 2018-2019 DDH |
| DRAWN | | | |
| CHECKED | | | |
| DATE | 26-Nov-19 | APPROVED | |




AGNICO EAGLE MINES LTD.

Upper Canada Property
X-Section 6750E
Looking Geology Grid West

| | | | | | |
|---|---|---|---|---|---|
| SCALE 1: | 1000 | | | A1 | WIDTH +/- 25m |
| | | DRAWN | | | 2018-2019 DDH |
| | | CHECKED | | | |
| DATE | 26-Nov-19 | APPROVED | | | |



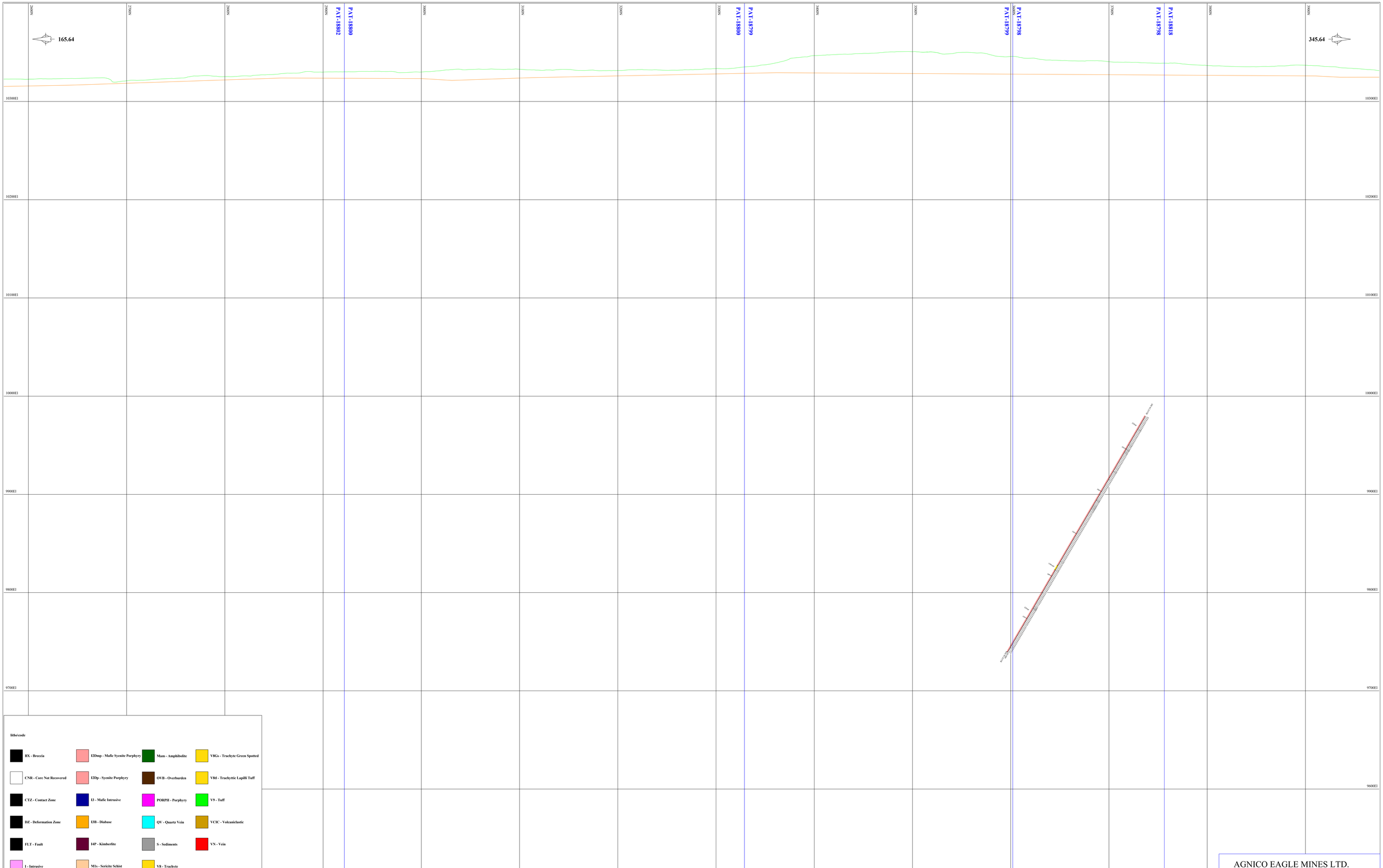

**litho/code**

| | | | |
|---|---|---|---|
| BX - Breccia | I2Dmp - Mafic Syenite Porphyry | Mam - Amphibolite | V8Gs - Trachyte Green Spotted |
| CNR - Core Not Recovered | I2Dp - Syenite Porphyry | OVB - Overburden | V8I - Trachyttic Lapilli Tuff |
| CTZ - Contact Zone | I3 - Mafic Intrusive | PORPH - Porphyry | V9 - Tuff |
| DZ - Deformation Zone | I3B - Diabase | QV - Quartz Vein | VCIC - Volcaniclastic |
| FLT - Fault | I4P - Kimberlite | S - Sediments | VN - Vein |
| I - Intrusive | M1s - Sericite Schist | V8 - Trachyte | |
| I2D - Syenite | MO - Mined Out | V8Agg - Trachyttic Agglomerate | |

AGNICO EAGLE MINES LTD.

Upper Canada Property
X-Section 6950E
Looking Geology Grid West

| | | | | | |
|---|---|---|---|---|---|
| SCALE 1: | 1000 | | | A1 | WIDTH +/- 25m |
| | | DRAWN | | | 2018-2019 DDH |
| | | CHECKED | | | |
| DATE | 26-Nov-19 | APPROVED | | | |



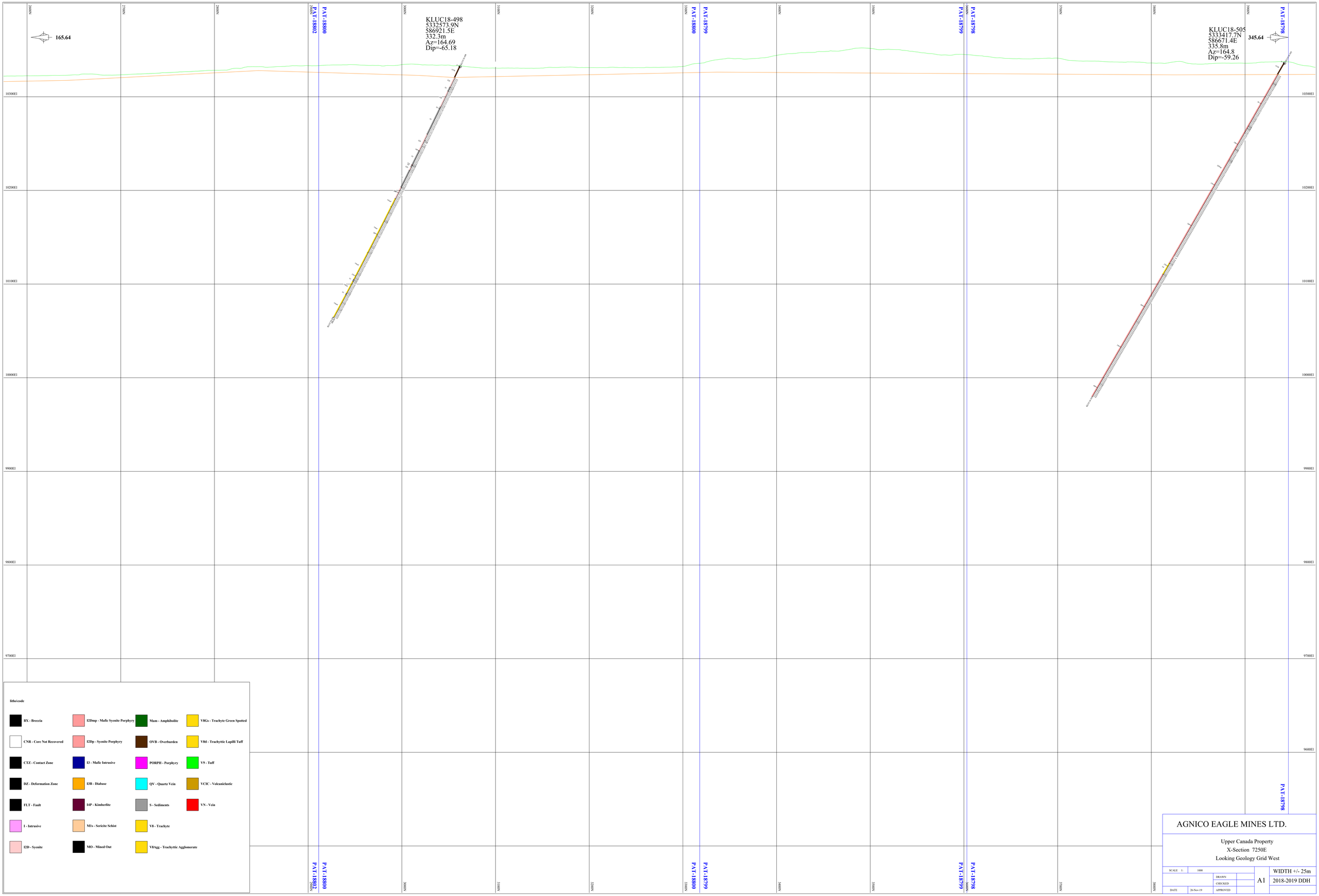

**litho/code**

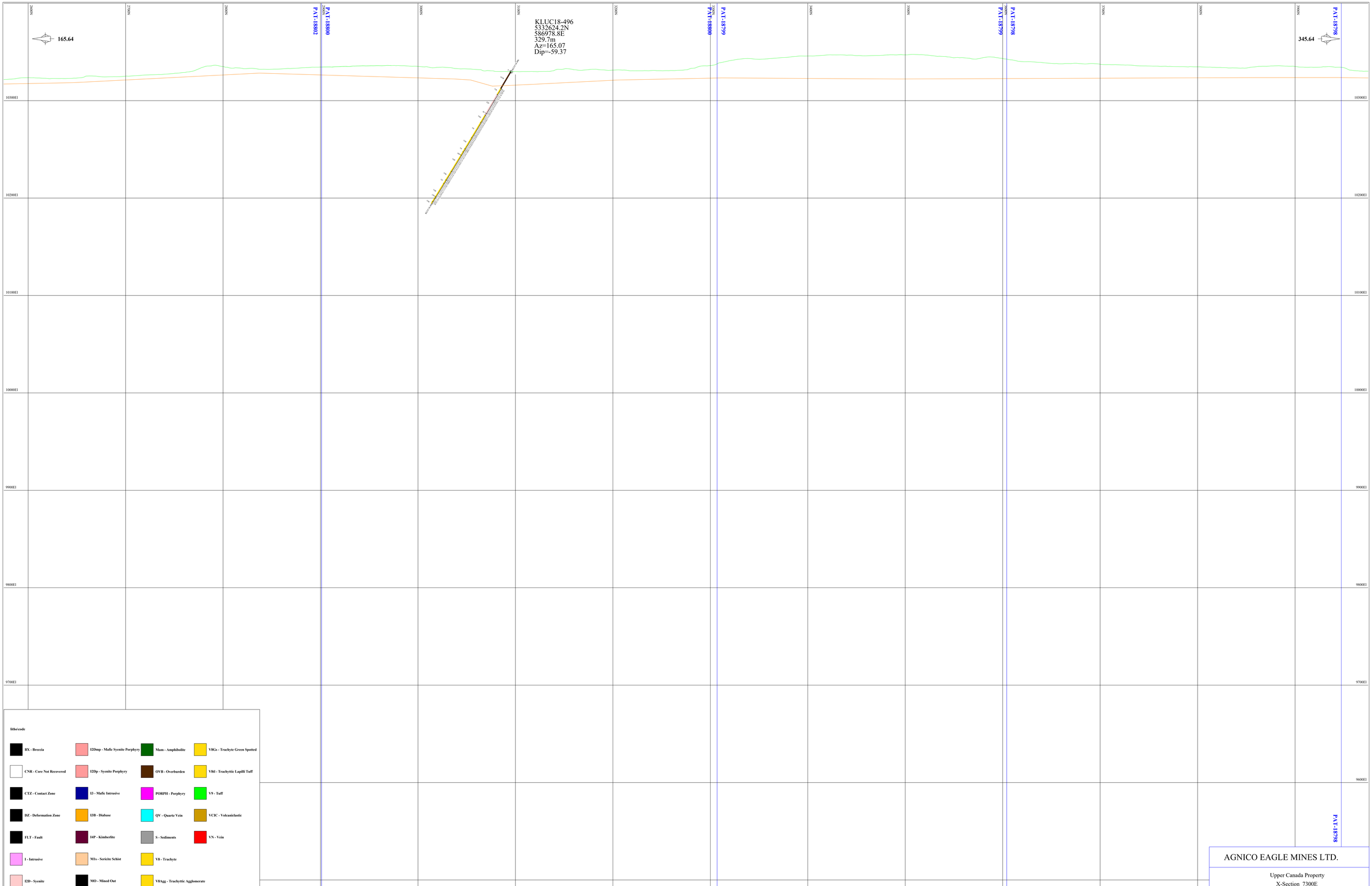
| | | | |
|---|---|---|---|
| BX - Breccia | I2Dmp - Mafic Syenite Porphyry | Mam - Amphibolite | V8Gs - Trachyte Green Spotted |
| CNR - Core Not Recovered | I2Dp - Syenite Porphyry | OVB - Overburden | V8tl - Trachyttic Lapilli Tuff |
| CTZ - Contact Zone | I3 - Mafic Intrusive | PORPH - Porphyry | V9 - Tuff |
| DZ - Deformation Zone | I3B - Diabase | QV - Quartz Vein | VCIC - Volcaniclastic |
| FLT - Fault | I4P - Kimberlite | S - Sediments | VN - Vein |
| I - Intrusive | M1s - Sericite Schist | V8 - Trachyte | |
| I2D - Syenite | MO - Mined Out | V8Agg - Trachyttic Agglomerate | |

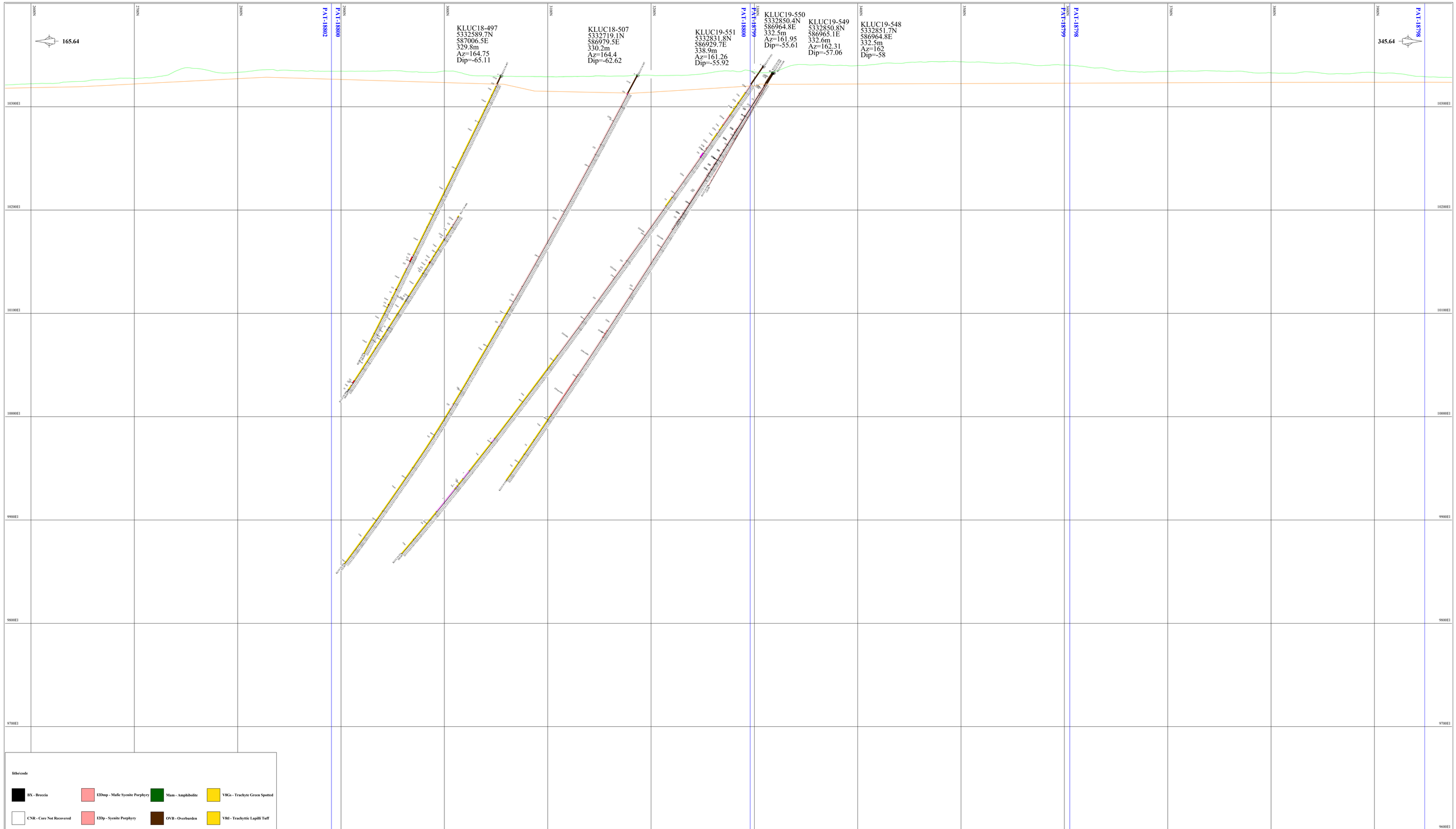
AGNICO EAGLE MINES LTD.

Upper Canada Property
X-Section 7200E
Looking Geology Grid West

| | | | | | |
|---|---|---|---|---|---|
| SCALE 1: | 1000 | | | A1 | WIDTH +/- 25m |
| | | DRAWN | | | 2018-2019 DDH |
| | | CHECKED | | | |
| DATE | 26-Nov-19 | APPROVED | | | |


165.64
KLUC18-498
5332573.9N
586921.5E
332.3m
Az=164.69
Dip=-65.18
KLUC18-505
5333417.7N
586671.4E
335.8m
Az=164.8
Dip=-59.26
345.64
PAT-18802
PAT-18800
PAT-18799
PAT-18798
10300E1
10200E1
10100E1
10000E1
9900E1
9800E1
9700E1
9600E1
litho/code
BX - Breccia
CNR - Core Not Recovered
CTZ - Contact Zone
DZ - Deformation Zone
FLT - Fault
I - Intrusive
I2D - Syenite
I2Dmp - Mafic Syenite Porphyry
I2Dp - Syenite Porphyry
I3 - Mafic Intrusive
I3B - Diabase
I4P - Kimberlite
M1s - Sericite Schist
MO - Mined Out
Mam - Amphibolite
OVB - Overburden
PORPH - Porphyry
QV - Quartz Vein
S - Sediments
V8 - Trachyte
V8Agg - Trachyttic Agglomerate
V8Gs - Trachyte Green Spotted
V8tl - Trachyttic Lapilli Tuff
V9 - Tuff
VCIC - Volcaniclastic
VN - Vein
AGNICO EAGLE MINES LTD.
Upper Canada Property
X-Section 7250E
Looking Geology Grid West
SCALE 1: 1000
DRAWN
CHECKED
APPROVED
DATE 26-Nov-19
A1
WIDTH +/- 25m
2018-2019 DDH


165.64
345.64
KLUC18-496
5332624.2N
586978.8E
329.7m
Az=165.07
Dip=-59.37
PAT-18802
PAT-18800
PAT-18799
PAT-18798
10300E1
10200E1
10100E1
10000E1
9900E1
9800E1
9700E1
9600E1
litho/code
BX - Breccia
CNR - Core Not Recovered
CTZ - Contact Zone
DZ - Deformation Zone
FLT - Fault
I - Intrusive
I2D - Syenite
I2Dmp - Mafic Syenite Porphyry
I2Dp - Syenite Porphyry
I3 - Mafic Intrusive
I3B - Diabase
I4P - Kimberlite
M1s - Sericite Schist
MO - Mined Out
Mam - Amphibolite
OVB - Overburden
PORPH - Porphyry
QV - Quartz Vein
S - Sediments
V8 - Trachyte
V8Agg - Trachyttic Agglomerate
V8Gs - Trachyte Green Spotted
V8tl - Trachyttic Lapilli Tuff
V9 - Tuff
VCIC - Volcaniclastic
VN - Vein
AGNICO EAGLE MINES LTD.
Upper Canada Property
X-Section 7300E
Looking Geology Grid West
SCALE 1: 1000
DRAWN
CHECKED
APPROVED
DATE 26-Nov-19
A1
WIDTH +/- 25m
2018-2019 DDH



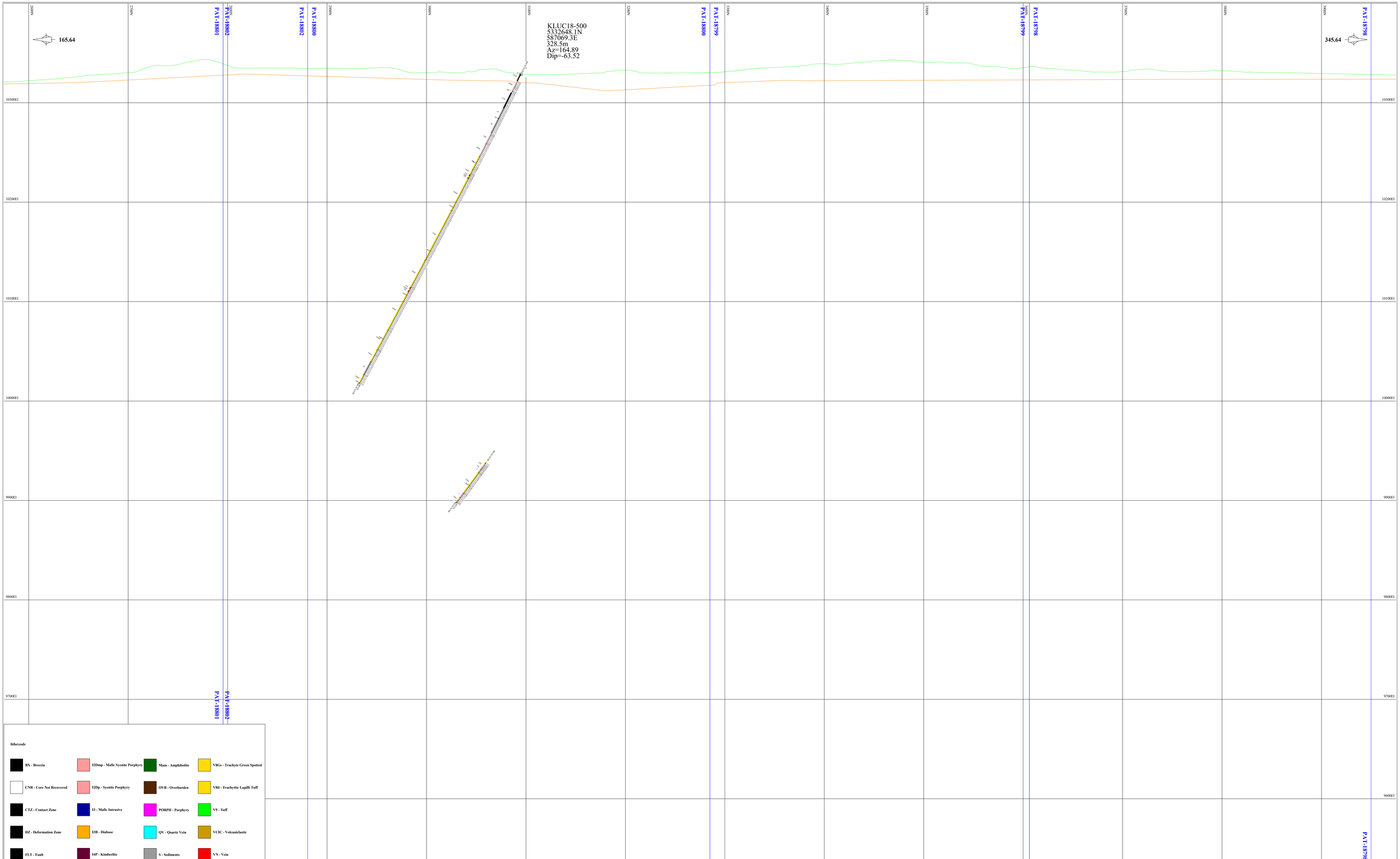

**litho/code**

| | | | |
|---|---|---|---|
| BX - Breccia | I2Dmp - Mafic Syenite Porphyry | Mam - Amphibolite | V8Gs - Trachyte Green Spotted |
| CNR - Core Not Recovered | I2Dp - Syenite Porphyry | OVB - Overburden | V8tl - Trachyttic Lapilli Tuff |
| CTZ - Contact Zone | I3 - Mafic Intrusive | PORPH - Porphyry | V9 - Tuff |
| DZ - Deformation Zone | I3B - Diabase | QV - Quartz Vein | VCIC - Volcaniclastic |
| FLT - Fault | I4P - Kimberlite | S - Sediments | VN - Vein |
| I - Intrusive | M1s - Sericite Schist | V8 - Trachyte | |
| I2D - Syenite | MO - Mined Out | V8Agg - Trachyttic Agglomerate | |

# AGNICO EAGLE MINES LTD.

Upper Canada Property
X-Section 7350E
Looking Geology Grid West

| | | | | | |
|---|---|---|---|---|---|
| SCALE 1: | 1000 | | | A1 | WIDTH +/- 25m |
| | | DRAWN | | | 2018-2019 DDH |
| | | CHECKED | | | |
| DATE | 26-Nov-19 | APPROVED | | | |



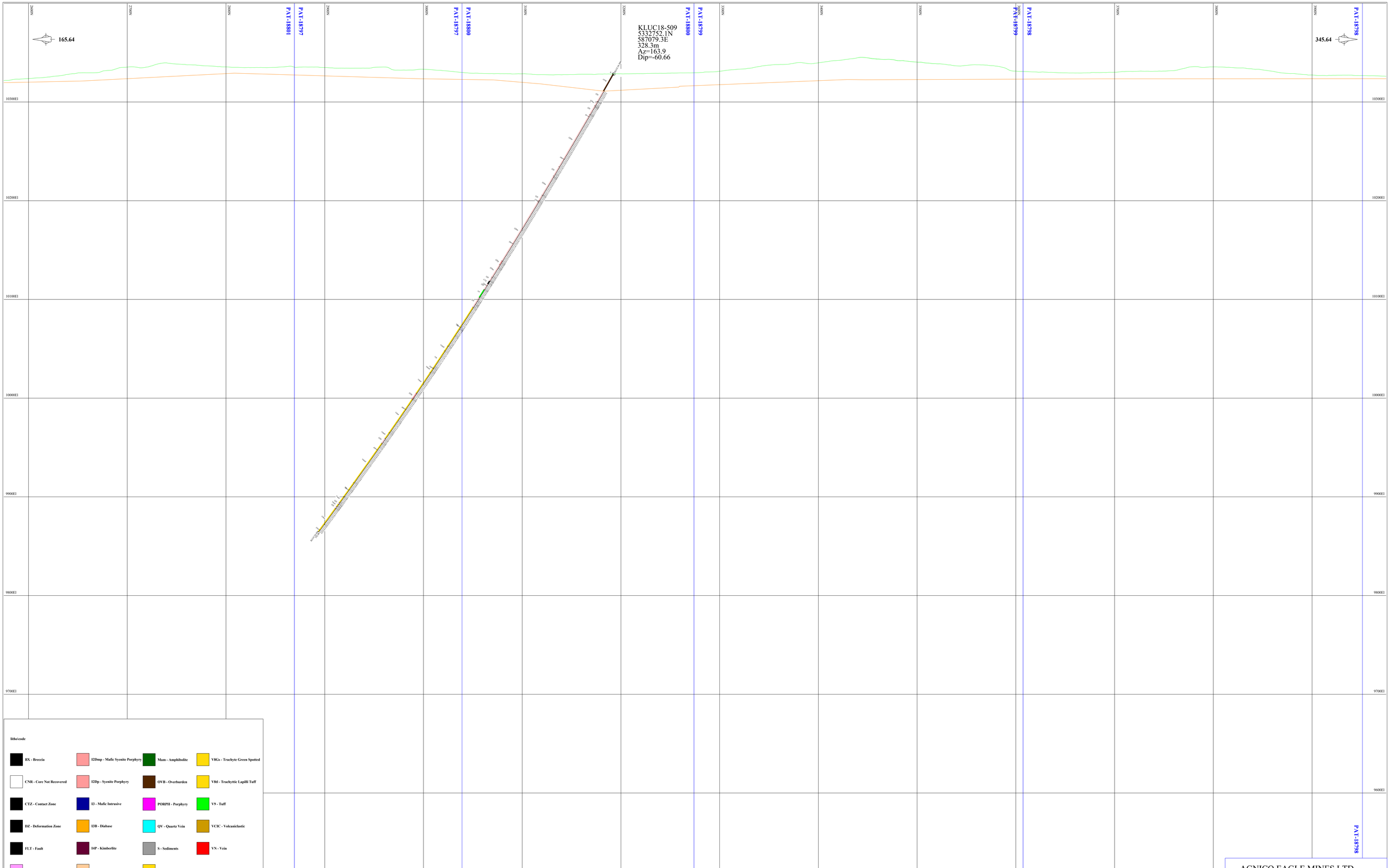

litho/code

| | | | |
|---|---|---|---|
| BX - Breccia | I2Dmp - Mafic Syenite Porphyry | Mam - Amphibolite | V8Gs - Trachyte Green Spotted |
| CNR - Core Not Recovered | I2Dp - Syenite Porphyry | OVB - Overburden | V8tl - Trachyttic Lapilli Tuff |
| CTZ - Contact Zone | I3 - Mafic Intrusive | PORPH - Porphyry | V9 - Tuff |
| DZ - Deformation Zone | I3B - Diabase | QV - Quartz Vein | VCIC - Volcaniclastic |
| FLT - Fault | I4P - Kimberlite | S - Sediments | VN - Vein |
| I - Intrusive | M1s - Sericite Schist | V8 - Trachyte | |
| I2D - Syenite | MO - Mined Out | V8Agg - Trachyttic Agglomerate | |

AGNICO EAGLE MINES LTD.

Upper Canada Property
X-Section 7400E
Looking Geology Grid West

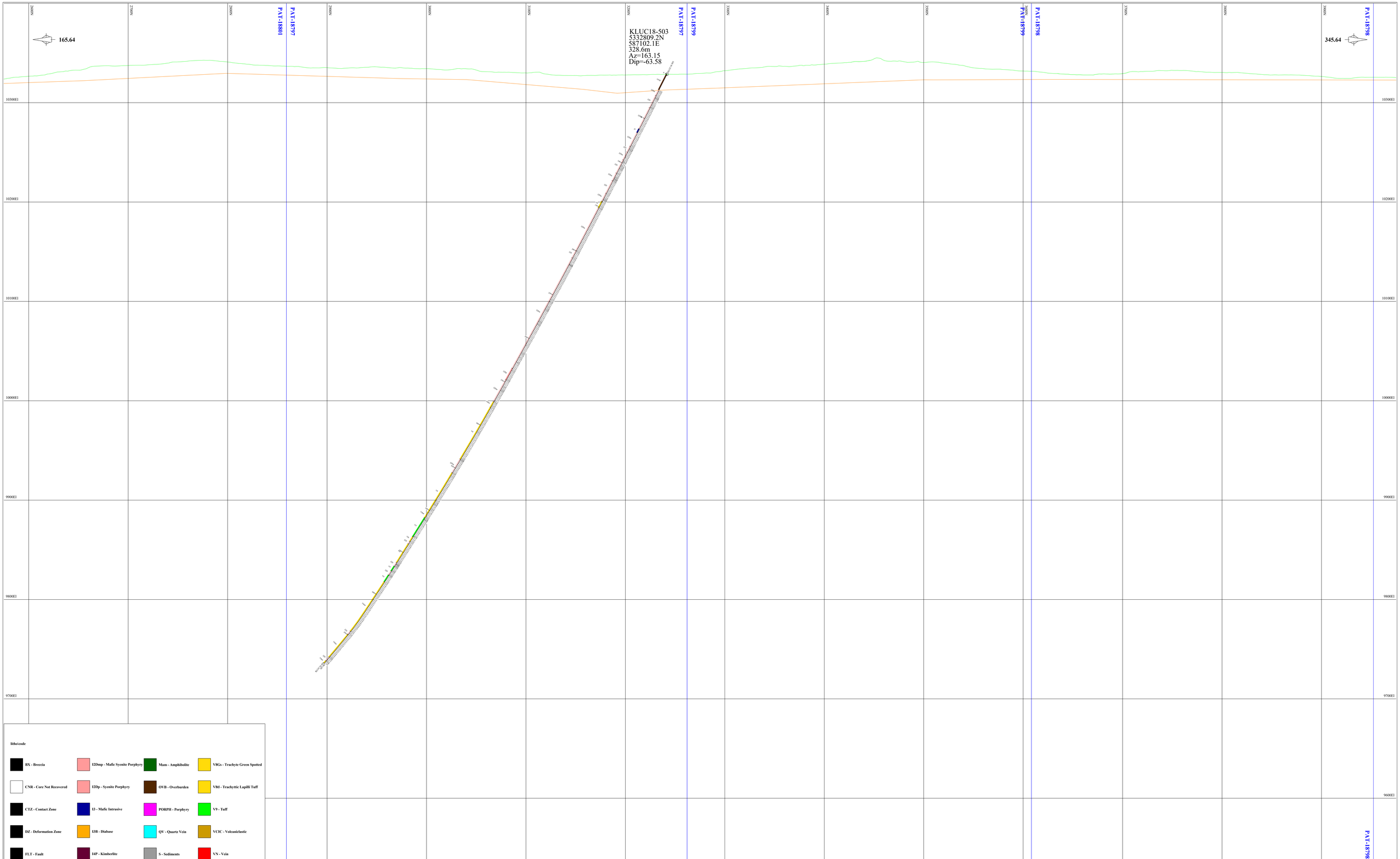
| | | | | |
|---|---|---|---|---|
| SCALE 1: | 1000 | | A1 | WIDTH +/- 25m |
| | | DRAWN | | 2018-2019 DDH |
| | | CHECKED | | |
| DATE | 26-Nov-19 | APPROVED | | |




AGNICO EAGLE MINES LTD.

Upper Canada Property
X-Section 7450E
Looking Geology Grid West

| | | | |
|---|---|---|---|
| SCALE 1: | 1000 | A1 | WIDTH +/- 25m |
| DRAWN | | | 2018-2019 DDH |
| CHECKED | | | |
| DATE | 26-Nov-19 | APPROVED | |

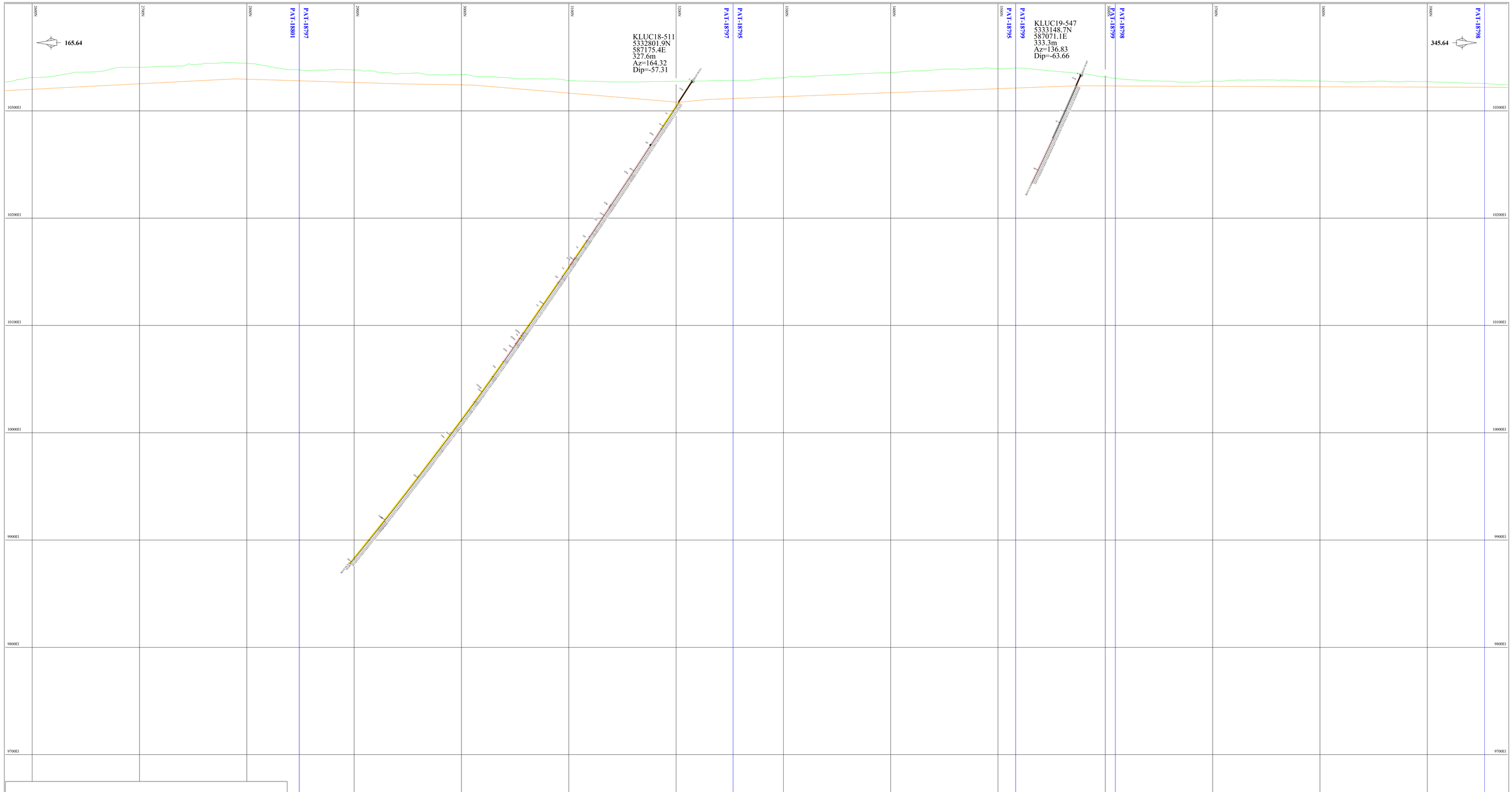



AGNICO EAGLE MINES LTD.

Upper Canada Property
X-Section 7500E
Looking Geology Grid West

| | | | |
|---|---|---|---|
| SCALE 1: | 1000 | | |
| | | DRAWN | A1 |
| | | CHECKED | |
| DATE | 26-Nov-19 | APPROVED | |

WIDTH +/- 25m
2018-2019 DDH



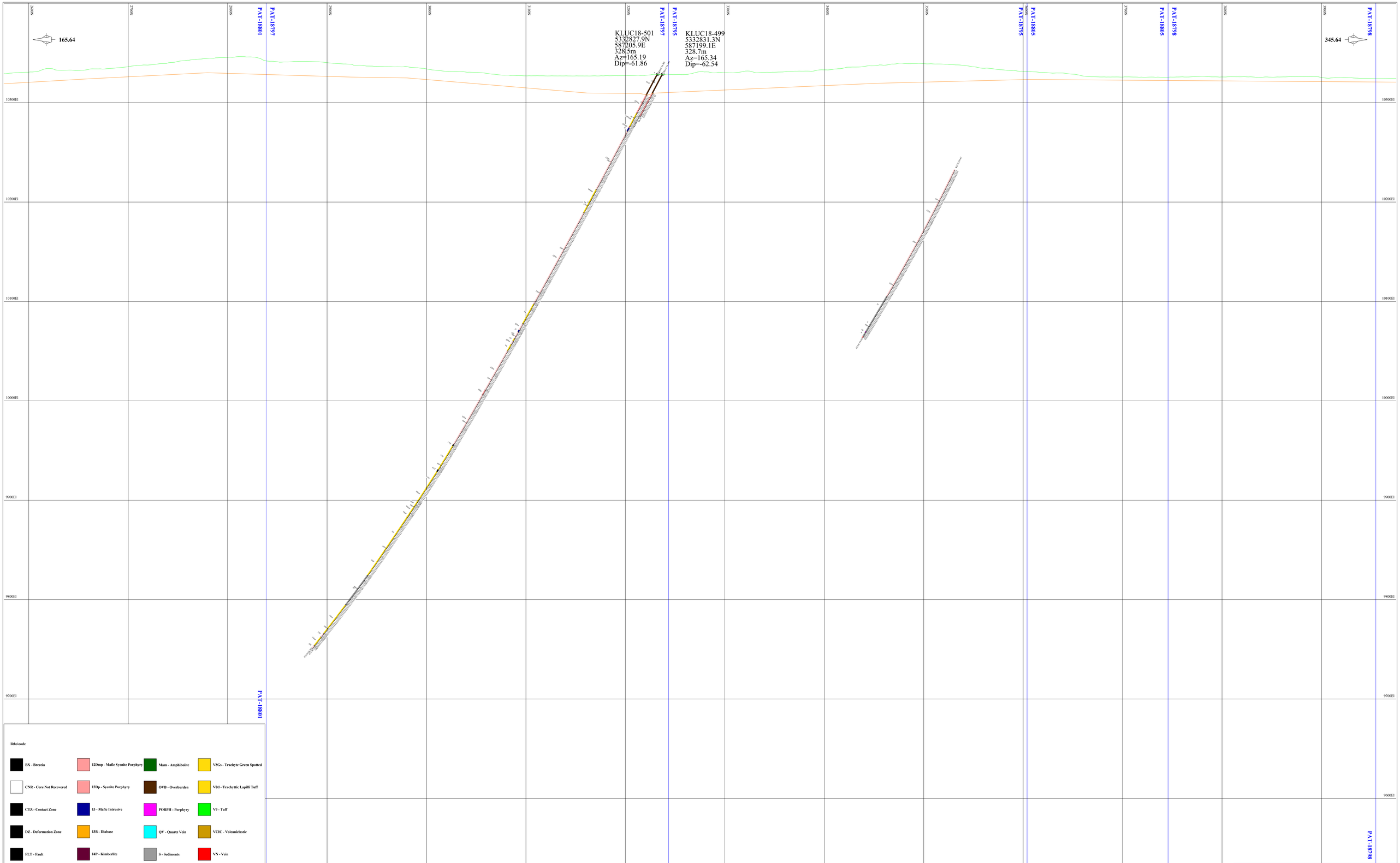

litho/code

| | | | |
|---|---|---|---|
| BX - Breccia | I2Dmp - Mafic Syenite Porphyry | Mam - Amphibolite | V8Gs - Trachyte Green Spotted |
| CNR - Core Not Recovered | I2Dp - Syenite Porphyry | OVB - Overburden | V8tl - Trachyttic Lapilli Tuff |
| CTZ - Contact Zone | I3 - Mafic Intrusive | PORPH - Porphyry | V9 - Tuff |
| DZ - Deformation Zone | I3B - Diabase | QV - Quartz Vein | VCIC - Volcaniclastic |
| FLT - Fault | I4P - Kimberlite | S - Sediments | VN - Vein |
| I - Intrusive | M1s - Sericite Schist | V8 - Trachyte | |
| I2D - Syenite | MO - Mined Out | V8Agg - Trachyttic Agglomerate | |

AGNICO EAGLE MINES LTD.

Upper Canada Property
X-Section 7550E
Looking Geology Grid West

| | | | | |
|---|---|---|---|---|
| SCALE 1: | 1000 | | A1 | WIDTH +/- 25m |
| | | DRAWN | | 2018-2019 DDH |
| | | CHECKED | | |
| DATE | 26-Nov-19 | APPROVED | | |



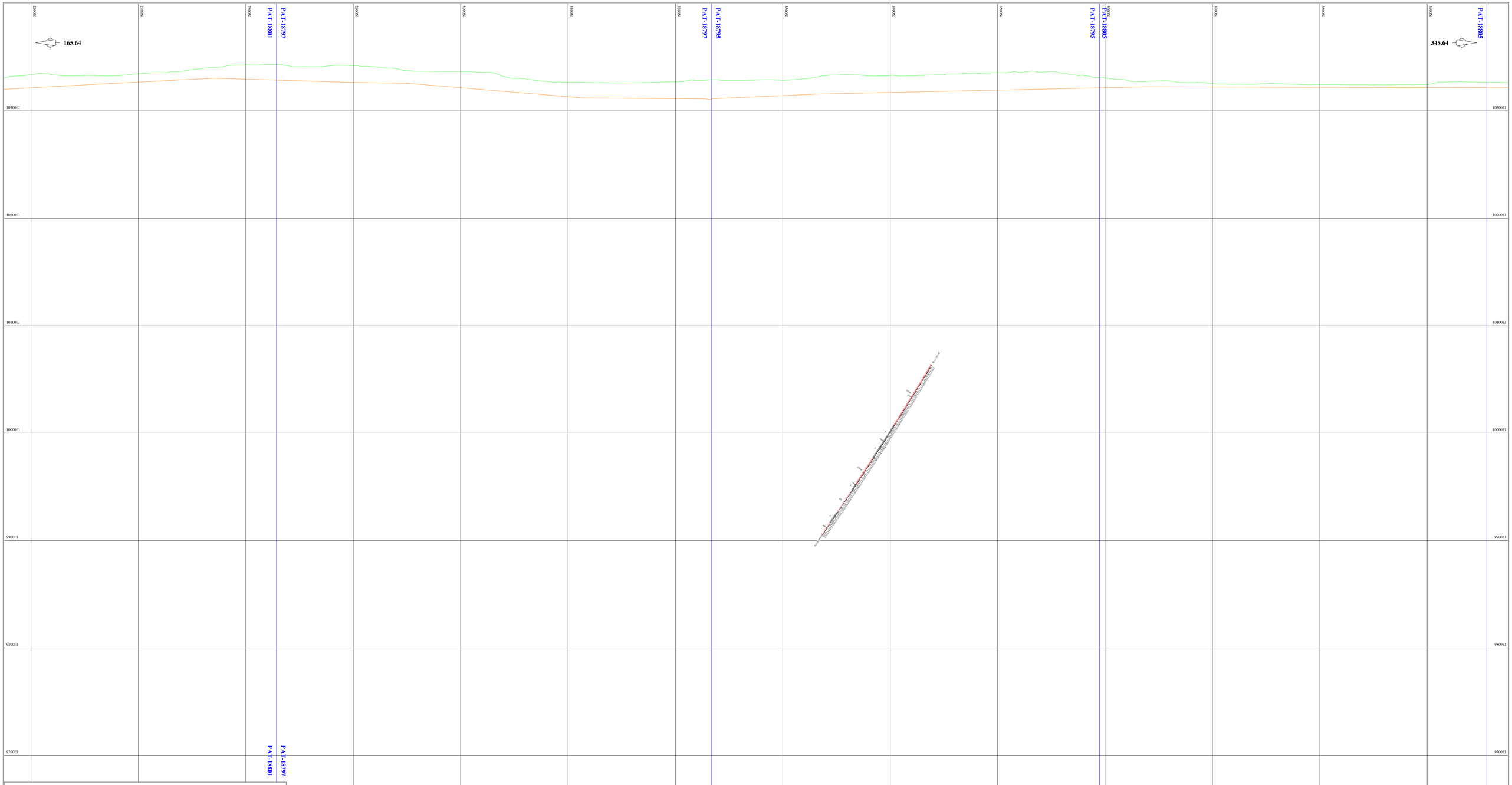

litho/code

| | | | |
|---|---|---|---|
| BX - Breccia | I2Dmp - Mafic Syenite Porphyry | Mam - Amphibolite | V8Gs - Trachyte Green Spotted |
| CNR - Core Not Recovered | I2Dp - Syenite Porphyry | OVB - Overburden | V8tl - Trachyttic Lapilli Tuff |
| CTZ - Contact Zone | I3 - Mafic Intrusive | PORPH - Porphyry | V9 - Tuff |
| DZ - Deformation Zone | I3B - Diabase | QV - Quartz Vein | VCIC - Volcaniclastic |
| FLT - Fault | I4P - Kimberlite | S - Sediments | VN - Vein |
| I - Intrusive | M1s - Sericite Schist | V8 - Trachyte | |
| I2D - Syenite | MO - Mined Out | V8Agg - Trachyttic Agglomerate | |

AGNICO EAGLE MINES LTD.

Upper Canada Property
X-Section 7600E
Looking Geology Grid West

| | | | | |
|---|---|---|---|---|
| SCALE 1: | 1000 | | A1 | WIDTH +/- 25m |
| | | DRAWN | | 2018-2019 DDH |
| | | CHECKED | | |
| DATE | 26-Nov-19 | APPROVED | | |



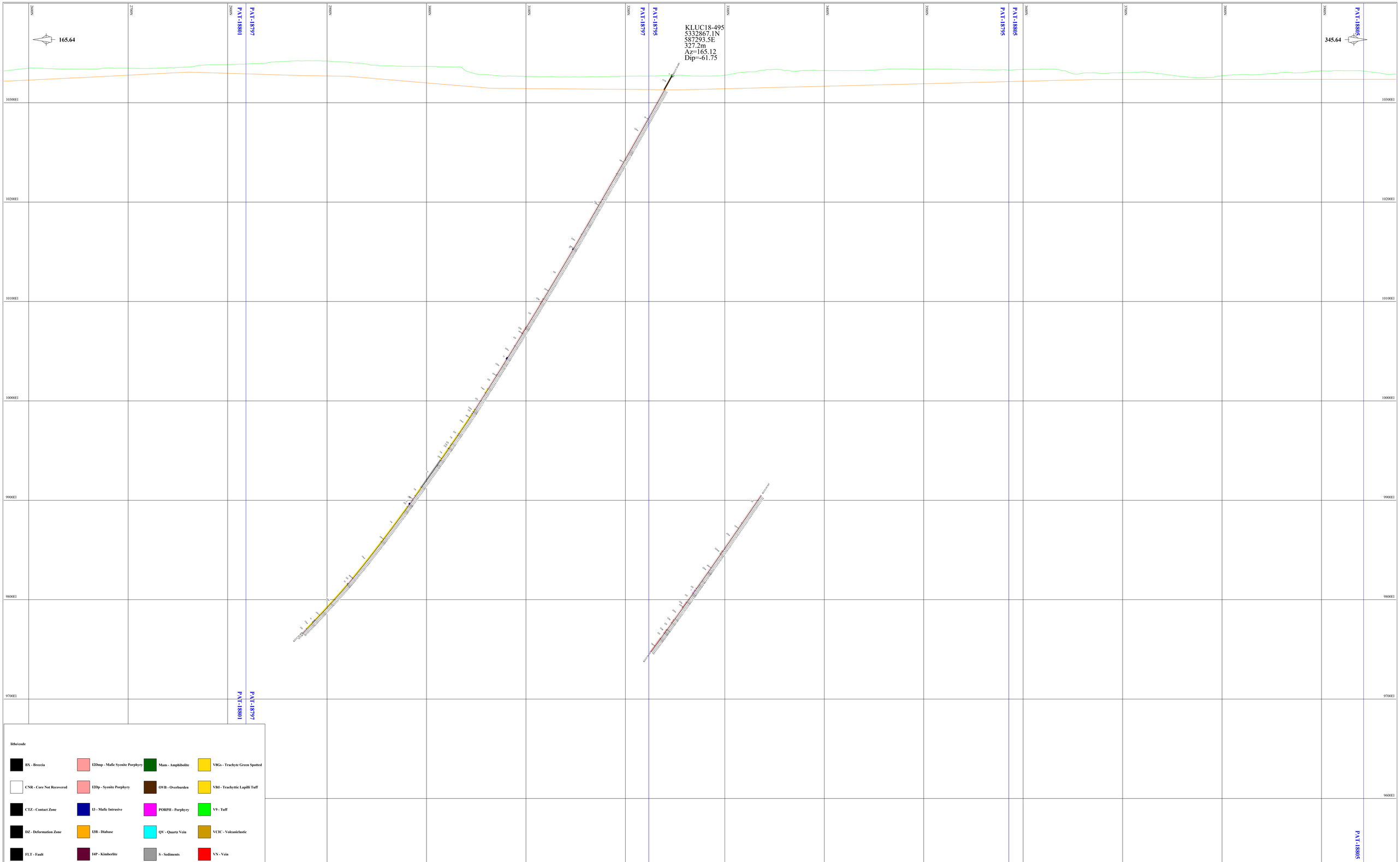

**litho/code**

| | | | |
|---|---|---|---|
| BX - Breccia | I2Dmp - Mafic Syenite Porphyry | Mam - Amphibolite | V8Gs - Trachyte Green Spotted |
| CNR - Core Not Recovered | I2Dp - Syenite Porphyry | OVB - Overburden | V8tl - Trachyttic Lapilli Tuff |
| CTZ - Contact Zone | I3 - Mafic Intrusive | PORPH - Porphyry | V9 - Tuff |
| DZ - Deformation Zone | I3B - Diabase | QV - Quartz Vein | VCIC - Volcaniclastic |
| FLT - Fault | I4P - Kimberlite | S - Sediments | VN - Vein |
| I - Intrusive | M1s - Sericite Schist | V8 - Trachyte | |
| I2D - Syenite | MO - Mined Out | V8Agg - Trachyttic Agglomerate | |

# AGNICO EAGLE MINES LTD.

Upper Canada Property
X-Section 7650E
Looking Geology Grid West

| | | | | |
|---|---|---|---|---|
| SCALE 1: | 1000 | | A1 | WIDTH +/- 25m |
| | | DRAWN | | 2018-2019 DDH |
| | | CHECKED | | |
| DATE | 26-Nov-19 | APPROVED | | |



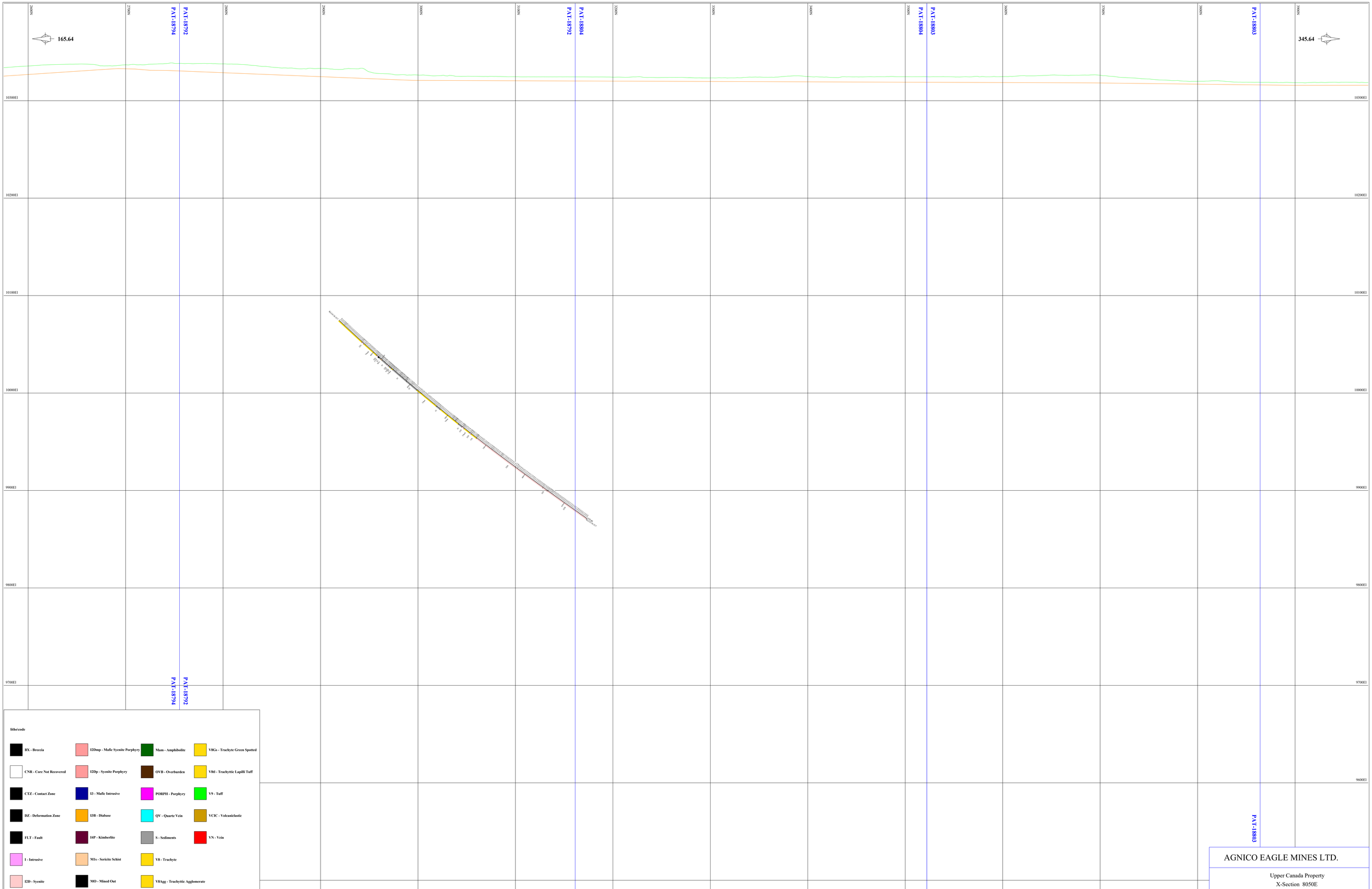

AGNICO EAGLE MINES LTD.

Upper Canada Property
X-Section 7700E
Looking Geology Grid West

| | | | |
|---|---|---|---|
| SCALE 1: | 1000 | | |
| | | DRAWN | A1 |
| | | CHECKED | |
| DATE | 26-Nov-19 | APPROVED | |

WIDTH +/- 25m
2018-2019 DDH

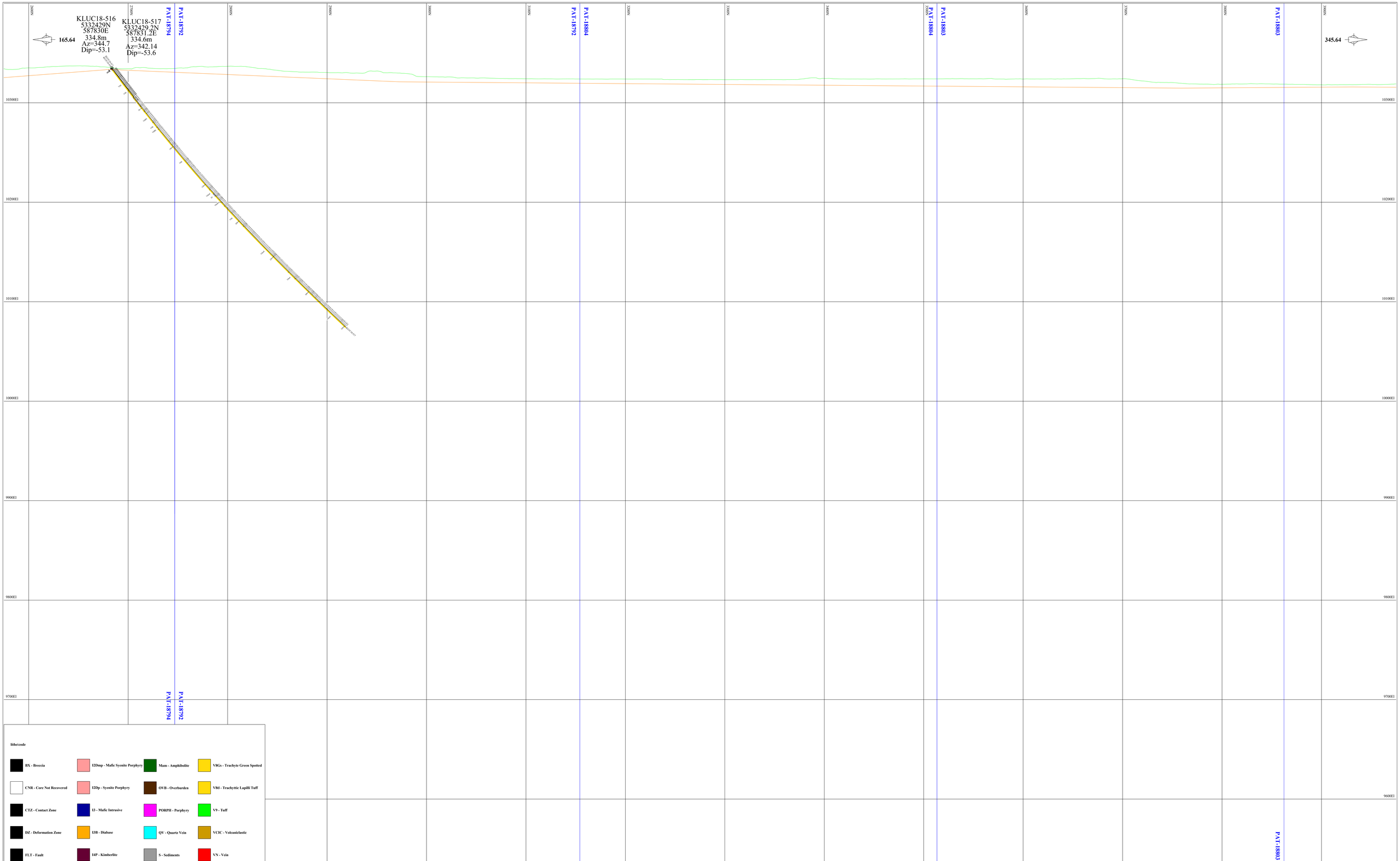
2600N
165.64
2700N
PAT-18801
2800N
PAT-18797
2900N
3000N
3100N
3200N
PAT-18796
3300N
3400N
3500N
PAT-18795
PAT-18805
3600N
3700N
3800N
3900N
345.64
10300E1
10200E1
10100E1
10000E1
9900E1
9800E1
9700E1
9600E1
litho/code
BX - Breccia
CNR - Core Not Recovered
CTZ - Contact Zone
DZ - Deformation Zone
FLT - Fault
I - Intrusive
I2D - Syenite
I2Dmp - Mafic Syenite Porphyry
I2Dp - Syenite Porphyry
I3 - Mafic Intrusive
I3B - Diabase
I4P - Kimberlite
M1s - Sericite Schist
MO - Mined Out
Mam - Amphibolite
OVB - Overburden
PORPH - Porphyry
QV - Quartz Vein
S - Sediments
V8 - Trachyte
V8Agg - Trachyttic Agglomerate
V8Gs - Trachyte Green Spotted
V8tl - Trachyttic Lapilli Tuff
V9 - Tuff
VCIC - Volcaniclastic
VN - Vein
N2005
N2010
N2015
N2020
N2025
N2030
N2035
N2040
N2045
N2050
N2055
N2060
N2065
N2070
N2075
N2080
AGNICO EAGLE MINES LTD.
Upper Canada Property
X-Section 7750E
Looking Geology Grid West
SCALE 1: 1000
DRAWN
CHECKED
APPROVED
DATE 26-Nov-19
A1
WIDTH +/- 25m
2018-2019 DDH




AGNICO EAGLE MINES LTD.

Upper Canada Property
X-Section 8050E
Looking Geology Grid West

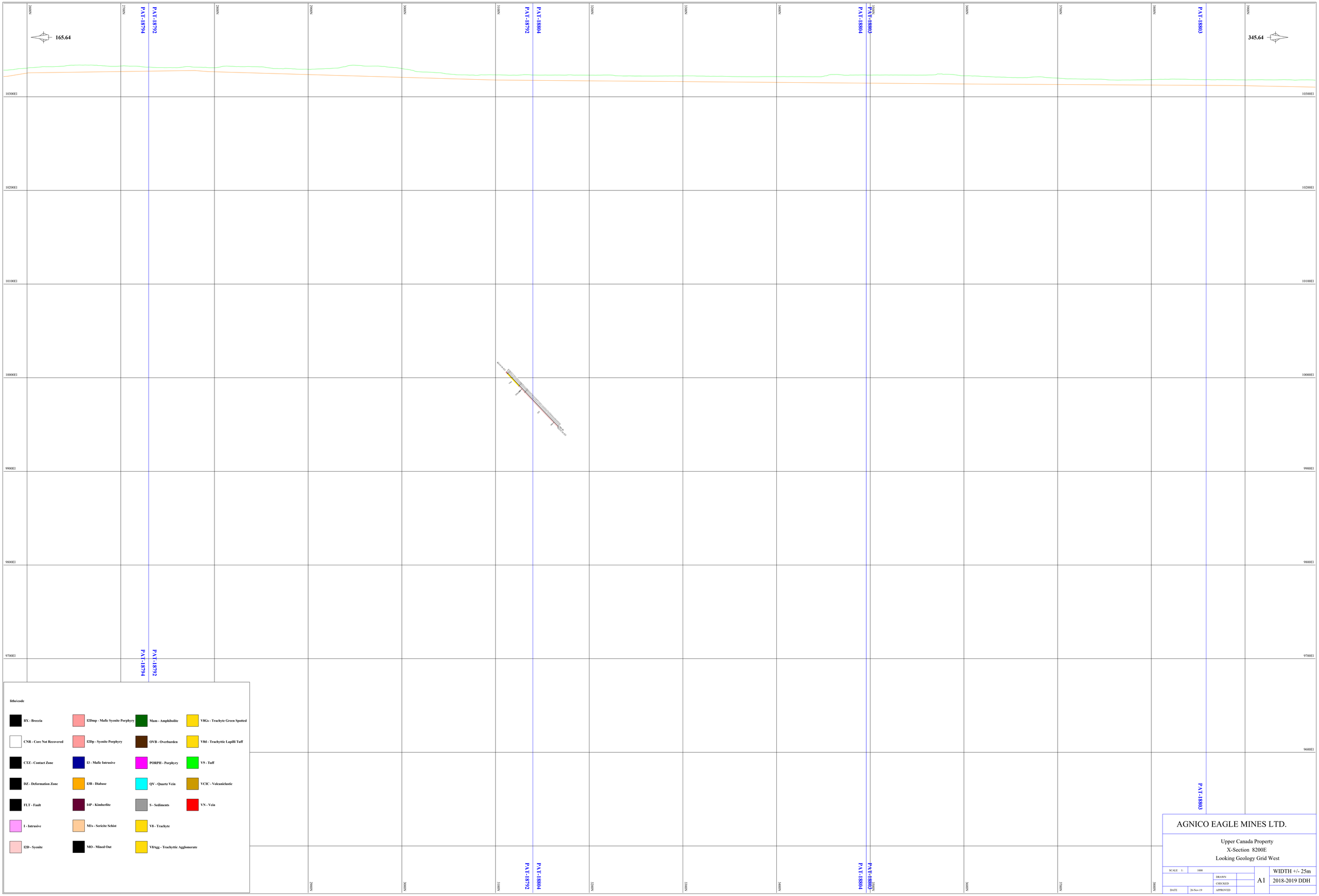
| | | | |
|---|---|---|---|
| SCALE 1: | 1000 | A1 | WIDTH +/- 25m |
| | DRAWN | | 2018-2019 DDH |
| | CHECKED | | |
| DATE | 26-Nov-19 | APPROVED | |

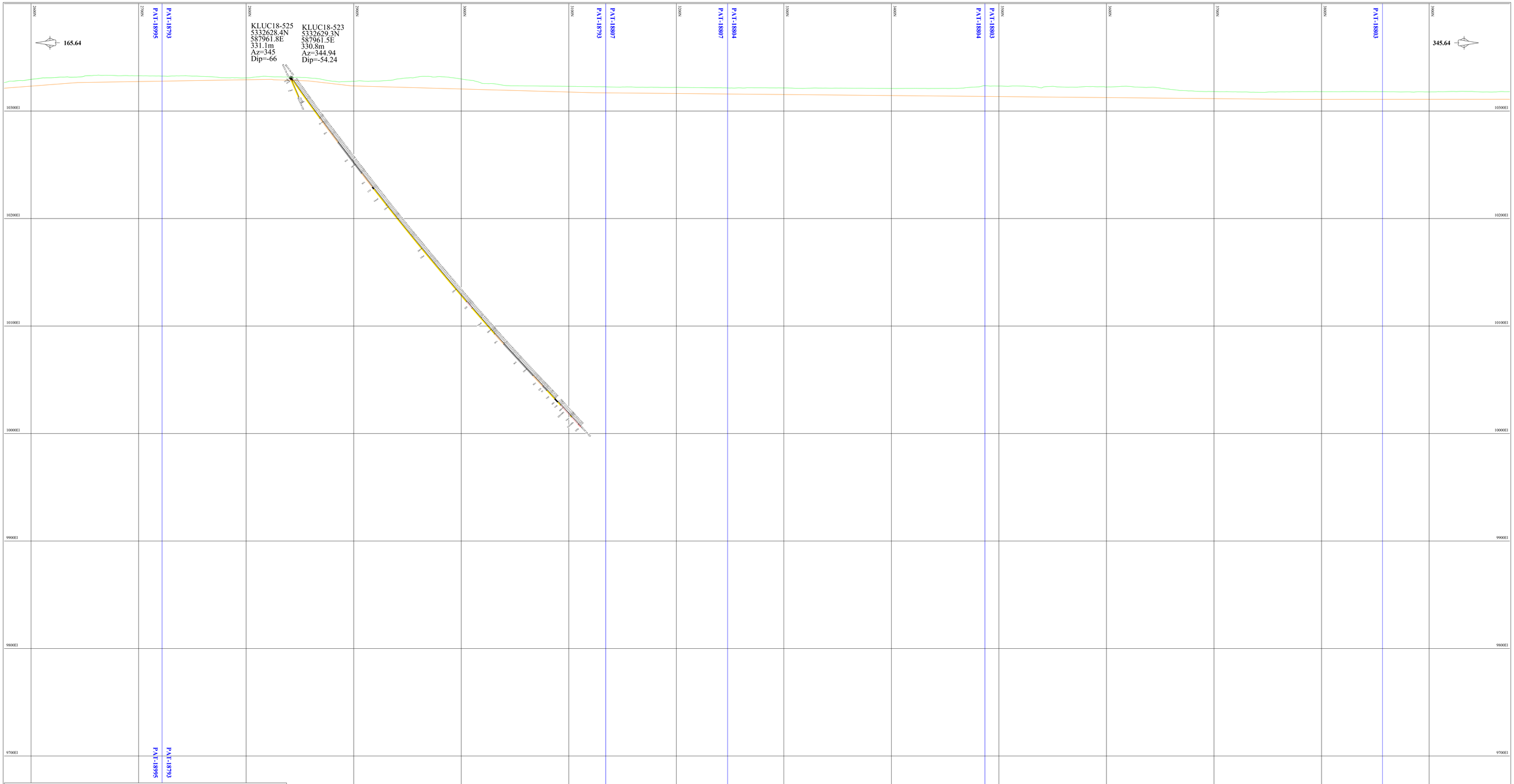



AGNICO EAGLE MINES LTD.

Upper Canada Property
X-Section 8100E
Looking Geology Grid West

| | | | |
|---|---|---|---|
| SCALE 1: | 1000 | | WIDTH +/- 25m |
| | | DRAWN | A1 |
| | | CHECKED | 2018-2019 DDH |
| DATE | 26-Nov-19 | APPROVED | |


165.64
345.64
PAT-18794
PAT-18792
PAT-18804
PAT-18803
10300E1
10200E1
10100E1
10000E1
9900E1
9800E1
9700E1
9600E1
litho/code
BX - Breccia
CNR - Core Not Recovered
CTZ - Contact Zone
DZ - Deformation Zone
FLT - Fault
I - Intrusive
I2D - Syenite
I2Dmp - Mafic Syenite Porphyry
I2Dp - Syenite Porphyry
I3 - Mafic Intrusive
I3B - Diabase
I4P - Kimberlite
M1s - Sericite Schist
MO - Mined Out
Mam - Amphibolite
OVB - Overburden
PORPH - Porphyry
QV - Quartz Vein
S - Sediments
V8 - Trachyte
V8Agg - Trachyttic Agglomerate
V8Gs - Trachyte Green Spotted
V8tl - Trachyttic Lapilli Tuff
V9 - Tuff
VCIC - Volcaniclastic
VN - Vein
AGNICO EAGLE MINES LTD.
Upper Canada Property
X-Section 8200E
Looking Geology Grid West
SCALE 1: 1000
DRAWN
CHECKED
APPROVED
DATE 26-Nov-19
A1
WIDTH +/- 25m
2018-2019 DDH




litho/code

| | | | |
|---|---|---|---|
| BX - Breccia | I2Dmp - Mafic Syenite Porphyry | Mam - Amphibolite | V8Gs - Trachyte Green Spotted |
| CNR - Core Not Recovered | I2Dp - Syenite Porphyry | OVB - Overburden | V8tl - Trachyttic Lapilli Tuff |
| CTZ - Contact Zone | I3 - Mafic Intrusive | PORPH - Porphyry | V9 - Tuff |
| DZ - Deformation Zone | I3B - Diabase | QV - Quartz Vein | VCIC - Volcaniclastic |
| FLT - Fault | I4P - Kimberlite | S - Sediments | VN - Vein |
| I - Intrusive | M1s - Sericite Schist | V8 - Trachyte | |
| I2D - Syenite | MO - Mined Out | V8Agg - Trachyttic Agglomerate | |

AGNICO EAGLE MINES LTD.

Upper Canada Property
X-Section 8250E
Looking Geology Grid West

| | | | | |
|---|---|---|---|---|
| SCALE 1: | 1000 | | A1 | WIDTH +/- 25m |
| | | DRAWN | | 2018-2019 DDH |
| | | CHECKED | | |
| DATE | 26-Nov-19 | APPROVED | | |