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.

SUMMARY REPORT FOR 2020 DRILLING PROGRAM ON AGNICO EAGLE MINES LTD ANOKI-MCBEAN PROPERTY, GAUTHIER TOWNSHIP, LARDER LAKE MINING DIVISION

Author:
Mélanie L. Bouchard, P.GEO

March 30th, 2021

TABLE OF CONTENTS

LIST OF FIGURES

LIST OF TABLES

LIST OF APPENDICES

SUMMARY

The Anoki-McBean property is comprised of the McBean gold deposit (underground mining; 1928-1951 and open pit mining; 1984-1986) and Anoki gold deposit (underground mining; 1938-1940), that are classified as orogenic lode gold deposits. The Anoki-McBean property is a part of the Upper Canada property claim package that is 100% owned by Agnico Eagle Mines Ltd. ("AEM") in the Kirkland Lake area. The Upper Canada claim package covers an area of approximately 1,770 hectares and represents a small portion of the extensive, contiguous land-holdings of AEM covering an area measuring approximately 35 kilometers long by 16 kilometers wide in the Kirkland Lake area (Figure 1). The Anoki-McBean property is located within the Larder Lake Mining Division and Gauthier Township, between the towns of Kirkland Lake and Larder Lake (NTS 32-D/4), and south of the town of Dobie, northeastern Ontario (Figure 1).

Several mineral resource estimates have been prepared for the Anoki-McBean property since initial discovery in 1918. Micon International Ltd. ("Micon") completed the most recent resource estimate for the property in 2016. The mineral resource estimates in the report by Micon are treated as historical in nature and therefore are not confirmed to be NI 43-101 compliant. In 2010, P&E Mining Consultants Inc., ("P&E"), prepared a NI 43-101 compliant Technical Report and Resource Estimates of the gold mineralization contained in the McBean and Anoki Gold Deposits of the Anoki-McBean property at the request of Queenston Mining Inc. ("Queenston"). Micon's 2017 technical report mentions that the 2010 Anoki-McBean estimates are classified using the categories set out in the then current versions of the Canadian Institute of Mining, Metallurgy and Petroleum's CIM Standards on Mineral Resources and Reserves, Definitions and Guidelines as required by NI 43-101. When Micon prepared the 2017 technical report for the Anoki-McBean property, it was not known what reporting codes were used for the earlier estimates. Micon's 2017 states that all existing mineral resource estimates prepared prior to this report have since been superseded by the 2016 Micon mineral resource estimate for the Anoki-McBean property (described in Section 14.0 of the Micon report).

This report summarises the 2020 surface exploration drilling program on the Anoki-McBean property conducted by AEM. The drilling program ran from June 16th, 2020 to July 10th, 2020 (totaling 25 days) consisting of four exploration drill holes, totaling 1,450 meters. The objective of the 2020 drilling involved exploring upwards extensions and down

plunge extensions of known Anoki main deposit. Major Drilling Group International Inc. (“Major”) was contracted by AEM to complete the work using industry recognized land-based diamond drilling techniques.

The 2020 Anoki-McBean property drill program returned anomalous low to medium grade results. The Anoki main zone is mainly associated with quartz veins hosted by highly carbonated and deformed intervals and in felsic and porphyritic intrusions (i.e. syenite in the literature, corresponding to the pink intrusion). These features were not significantly intercepted in any of the 2020 drill holes. The relation between the main deposit mineralized zones and the structural and fold complexity of the Anoki main deposit area may have been underestimated. Revisions of the geological model and interpretations of the structures in the Anoki deposit will allow more effective targeting for future drilling programs.

1.0 INTRODUCTION AND LOCATION

In late March 2018 with the closure of the transaction for the acquisition of Yamana Gold Inc.'s ("Yamana") 50% interest in the Canadian exploration assets of Canadian Malartic Corporation ("CMC"), AEM became 100% owner of the exploration assets of CMC, which include the Kirkland Lake Project in Ontario and comprising the Anoki-McBean property.

The Anoki-McBean 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. It forms part of the Upper Canada property claim package that is 100% owned by AEM. The Anoki-McBean property is located in the southeastern part of the Upper Canada property claim package. Highway 672 (running north-south) is located at the western edge of the Upper Canada property and highway 66 (running east-west) is located in the southern part of the Upper Canada property. The Ontario Northland Railway line (running east-west) is located slightly north and parallel to highway 66 and crosses the middle of the Upper Canada property claim package (Figure 2). A gravel road continues eastward from the Dobie road (off highway 66) to the former Upper Canada mine site, the current site of AEM's exploration office. The Anoki-McBean property can be accessed from a gravel road running southeast from AEM's exploration office on Upper Canada Drive to highway 66, from a gated gravel road off of highway 66 and a network of trails (drill, four wheeler and skidoo) that are located throughout the property and link to the main northeast-southwest gravel road.

During the summer of 2020, AEM conducted a surface exploration drilling program on the Anoki-McBean property. The drilling program ran from June 16th, 2020 to July 10th, 2020 (totaling 25 days) consisting of four exploration drill holes, totaling 1,450 meters. The objective of the 2020 drilling involved exploring upwards extensions and down plunge extensions of the known Anoki main deposit. Major was contracted by AEM to complete the work using industry recognized land-based diamond drilling techniques. The 2020 Anoki-McBean property drilling program returned anomalous low to medium grade results. Porphyritic and felsic intrusions documented in the Anoki main deposit as being gold associated were not intercepted in any of the 2020 drill holes. Revisions of the geological model and interpretations of the structures in the Anoki deposit will allow more effective targeting for the future.

The Upper Canada property claim package (Figure 2) is comprised of 46 claim units (19 single cell mining claims and 27 boundary cell mining claims; Table 1), 88 patented claims (75 mining and surface rights and 15 mining rights only; Table 2), and 6 mining licence of occupation (Table 2) that are registered to AEM; covering an area of approximately 1,770 hectares (Figures 1 and 2). An Anoki-McBean property claim map, previously used in reports, showing the property outline and old claim numbers is shown in Figure 3 as a reference. Since AEM acquired the Kirkland Lake Project in 2018, the Anoki-McBean property has been merged with the Upper Canada property for internal purposes and forms a contiguous Upper Canada property claim package (Figures 1 and 2). The Anoki-McBean property is part of AEM's extensive land holdings within the Kirkland Lake area, and is contiguous with the Gauthier property to the north, Upper Beaver property northeast-east, Skead property to the south and the Munro property to the west-northwest.

Table 1 – Upper Canada Property Claim cells list.

Property	Claim No.	Claim Type	Township	Expiry Date	Area (Ha)
Upper Canada	100032	Boundary Cell Mining Claim	Gauthier	2026-01-03	15.1023
Upper Canada	115063	Boundary Cell Mining Claim	Gauthier	2024-11-13	12.4652
Upper Canada	118308	Boundary Cell Mining Claim	Gauthier	2024-12-07	10.4647
Upper Canada	118813	Single Cell Mining Claim	Gauthier	2024-06-11	8.8638
Upper Canada	126368	Single Cell Mining Claim	Gauthier	2021-07-20	9.8321
Upper Canada	127355	Single Cell Mining Claim	Gauthier	2023-08-19	7.5764
Upper Canada	127558	Single Cell Mining Claim	Gauthier	2024-11-13	17.7901
Upper Canada	128678	Single Cell Mining Claim	Gauthier	2025-10-30	8.3077
Upper Canada	133169	Boundary Cell Mining Claim	Gauthier	2024-06-02	7.8701
Upper Canada	135283	Single Cell Mining Claim	Gauthier	2023-08-19	7.9901
Upper Canada	150710	Boundary Cell Mining Claim	Gauthier	2024-06-01	0.0057
Upper Canada	150727	Boundary Cell Mining Claim	Gauthier	2026-05-14	2.0873
Upper Canada	153460	Boundary Cell Mining Claim	Gauthier	2026-05-14	2.7179
Upper Canada	153461	Boundary Cell Mining Claim	Gauthier	2026-05-14	1.7865
Upper Canada	156324	Boundary Cell Mining Claim	Gauthier	2025-07-10	0.0001
Upper Canada	156850	Boundary Cell Mining Claim	Gauthier	2023-01-03	16.5961
Upper Canada	183809	Boundary Cell Mining Claim	Gauthier	2024-06-02	5.6436
Upper Canada	196314	Boundary Cell Mining Claim	Gauthier	2024-11-13	12.1240
Upper Canada	198836	Boundary Cell Mining Claim	Gauthier	2024-11-18	6.6051
Upper Canada	201253	Boundary Cell Mining Claim	Gauthier	2025-07-10	0.0001
Upper Canada	208953	Single Cell Mining Claim	Gauthier	2021-07-20	0.0245
Upper Canada	216407	Boundary Cell Mining Claim	Gauthier	2021-11-13	2.4904
Upper Canada	219076	Single Cell Mining Claim	Gauthier	2025-10-30	0.7549
Upper Canada	220648	Boundary Cell Mining Claim	Gauthier	2022-06-11	13.3310
Upper Canada	229163	Single Cell Mining Claim	Gauthier	2025-07-10	0.0003
Upper Canada	235560	Single Cell Mining Claim	Gauthier	2024-06-01	9.2438
Upper Canada	235561	Single Cell Mining Claim	Gauthier	2024-06-01	6.3349
Upper Canada	237214	Single Cell Mining Claim	Gauthier	2024-08-01	21.5290
Upper Canada	245078	Boundary Cell Mining Claim	Gauthier	2024-06-02	3.3977
Upper Canada	250552	Single Cell Mining Claim	Gauthier	2024-08-01	17.2857
Upper Canada	253701	Boundary Cell Mining Claim	Gauthier	2022-03-03	1.6020
Upper Canada	262552	Single Cell Mining Claim	Gauthier	2024-08-01	21.5307
Upper Canada	276563	Boundary Cell Mining Claim	Gauthier	2025-08-01	3.3615
Upper Canada	276755	Single Cell Mining Claim	Gauthier	2024-11-13	8.2990
Upper Canada	291147	Single Cell Mining Claim	Gauthier	2023-08-19	3.9494
Upper Canada	304570	Single Cell Mining Claim	Gauthier	2025-07-10	0.0000
Upper Canada	311865	Boundary Cell Mining Claim	Gauthier	2025-07-10	0.0002
Upper Canada	312577	Boundary Cell Mining Claim	Gauthier	2023-08-01	5.7459
Upper Canada	312578	Boundary Cell Mining Claim	Gauthier	2024-06-02	4.9311
Upper Canada	317072	Boundary Cell Mining Claim	Gauthier	2024-06-02	3.5320

Property	Claim No.	Claim Type	Township	Expiry Date	Area (Ha)
Upper Canada	325075	Boundary Cell Mining Claim	Gauthier	2024-06-11	0.3652
Upper Canada	333848	Boundary Cell Mining Claim	Gauthier	2024-06-01	0.5545
Upper Canada	333905	Boundary Cell Mining Claim	Gauthier	2024-11-18	7.8135
Upper Canada	334347	Single Cell Mining Claim	Gauthier	2024-06-02	21.5290
Upper Canada	342629	Single Cell Mining Claim	Gauthier	2024-11-13	7.5106
Upper Canada	345267	Boundary Cell Mining Claim	Gauthier	2025-10-30	0.0747

Table 2 – Upper Canada Property patented claim list.

Property	Claim No.	Old Claim No.	Claim Type	Rights	Township	Area (Ha)
Upper Canada	MLO-1849	L10143	LOO	M&S	Gauthier	11.8631
Upper Canada	MLO-1849	L10143	LOO	M&S	Gauthier	12.6997
Upper Canada	MLO-1924	L10462	LOO	M&S	Gauthier	2.1550
Upper Canada	MLO-1924	L10462	LOO	M&S	Gauthier	10.3114
Upper Canada	MLO-1925	L10463	LOO	M&S	Gauthier	1.7112
Upper Canada	MLO-1925	L10463	LOO	M&S	Gauthier	6.3484
Upper Canada	PAT-18433	L8794	PATENT	MRO	Gauthier	16.8454
Upper Canada	PAT-18437	L9611	PATENT	MRO	Gauthier	18.2769
Upper Canada	PAT-18439	L11787	PATENT	MRO	Gauthier	7.9149
Upper Canada	PAT-18478	L9943	PATENT	MRO	Gauthier	24.2186
Upper Canada	PAT-18479	L9946	PATENT	MRO	Gauthier	17.1956
Upper Canada	PAT-18480	L9947	PATENT	MRO	Gauthier	22.8944
Upper Canada	PAT-18481	L9951	PATENT	MRO	Gauthier	19.8339
Upper Canada	PAT-18792	L6314	PATENT	M&S	Gauthier	14.7334
Upper Canada	PAT-18793	L6315	PATENT	M&S	Gauthier	16.8524
Upper Canada	PAT-18794	L6316	PATENT	M&S	Gauthier	15.0596
Upper Canada	PAT-18795	L6318	PATENT	M&S	Gauthier	14.1073
Upper Canada	PAT-18796	L6321	PATENT	M&S	Gauthier	27.0794
Upper Canada	PAT-18797	L8115	PATENT	M&S	Gauthier	16.1992
Upper Canada	PAT-18798	L9094	PATENT	M&S	Gauthier	13.9554
Upper Canada	PAT-18799	L9095	PATENT	M&S	Gauthier	11.7487
Upper Canada	PAT-18800	L9365	PATENT	M&S	Gauthier	15.5378
Upper Canada	PAT-18801	L15584	PATENT	M&S	Gauthier	15.6936
Upper Canada	PAT-18802	L15585	PATENT	M&S	Gauthier	16.2019
Upper Canada	PAT-18803	LS500	PATENT	M&S	Gauthier	12.1044
Upper Canada	PAT-18804	LS501	PATENT	M&S	Gauthier	12.1059
Upper Canada	PAT-18805	LS502	PATENT	M&S	Gauthier	12.6643
Upper Canada	PAT-18806	LS503	PATENT	M&S	Gauthier	16.8749
Upper Canada	PAT-18807	LS504	PATENT	M&S	Gauthier	10.7779
Upper Canada	PAT-18808	L9226	PATENT	MRO	Gauthier	12.1086
Upper Canada	PAT-18809	L9227	PATENT	MRO	Gauthier	18.3456
Upper Canada	PAT-18810	L9525	PATENT	MRO	Gauthier	9.4650

Property	Claim No.	Old Claim No.	Claim Type	Rights	Township	Area (Ha)
Upper Canada	PAT-18811	L9526	PATENT	MRO	Gauthier	12.7073
Upper Canada	PAT-18812	L9527	PATENT	M&S	Gauthier	13.6778
Upper Canada	PAT-18813	L9528	PATENT	M&S	Gauthier	12.7227
Upper Canada	PAT-18814	L9529	PATENT	M&S	Gauthier	9.6137
Upper Canada	PAT-18815	L9530	PATENT	M&S	Gauthier	9.2929
Upper Canada	PAT-18816	L9224	PATENT	MRO	Gauthier	15.4558
Upper Canada	PAT-18817	L9225	PATENT	MRO	Gauthier	11.0068
Upper Canada	PAT-18818	L9312	PATENT	M&S	Gauthier	17.8239
Upper Canada	PAT-18819	L6317	PATENT	MRO	Gauthier	17.3288
Upper Canada	PAT-18820	L6319	PATENT	M&S	Gauthier	15.3802
Upper Canada	PAT-18821	L8113	PATENT	M&S	Gauthier	20.6139
Upper Canada	PAT-18822	L8114	PATENT	M&S	Gauthier	15.3930
Upper Canada	PAT-18823	L8371	PATENT	M&S	Gauthier	9.6904
Upper Canada	PAT-18824	L8372	PATENT	M&S	Gauthier	9.4155
Upper Canada	PAT-18825	L8590	PATENT	M&S	Gauthier	25.0297
Upper Canada	PAT-18826	L10140	PATENT	M&S	Gauthier	23.4129
Upper Canada	PAT-18827	L10141	PATENT	M&S	Gauthier	27.7662
Upper Canada	PAT-18828	L10142	PATENT	M&S	Gauthier	30.1787
Upper Canada	PAT-18830	L10144	PATENT	M&S	Gauthier	18.4992
Upper Canada	PAT-18831	L10145	PATENT	M&S	Gauthier	8.2782
Upper Canada	PAT-18834	L9524	PATENT	MRO	Gauthier	10.8093
Upper Canada	PAT-18983	L348	PATENT	M&S	Gauthier	15.1512
Upper Canada	PAT-18985	L350	PATENT	M&S	Gauthier	15.0373
Upper Canada	PAT-18987	L2333	PATENT	M&S	Gauthier	15.7385
Upper Canada	PAT-18988	L2334	PATENT	M&S	Gauthier	14.4640
Upper Canada	PAT-18989	L2335	PATENT	M&S	Gauthier	17.7903
Upper Canada	PAT-18990	L8873	PATENT	M&S	Gauthier	16.3547
Upper Canada	PAT-18991	L9104	PATENT	M&S	Gauthier	17.3530
Upper Canada	PAT-18992	L9332	PATENT	M&S	Gauthier	12.7273
Upper Canada	PAT-18993	L9360	PATENT	M&S	Gauthier	19.9910
Upper Canada	PAT-18994	L9363	PATENT	M&S	Gauthier	15.5087
Upper Canada	PAT-18995	L9364	PATENT	M&S	Gauthier	10.7592
Upper Canada	PAT-18996	L15141	PATENT	M&S	Gauthier	15.9086
Upper Canada	PAT-20347	L25309	PATENT	M&S	Gauthier	17.5705
Upper Canada	PAT-20348	L9232	PATENT	M&S	Gauthier	16.6544
Upper Canada	PAT-29853	L4239	PATENT	M&S	Gauthier	22.9413
Upper Canada	PAT-29854	L5732	PATENT	M&S	Gauthier	15.9497
Upper Canada	PAT-29855	L8116	PATENT	M&S	Gauthier	18.7223
Upper Canada	PAT-29856	L8366	PATENT	M&S	Gauthier	15.0330
Upper Canada	PAT-29857	L8471	PATENT	M&S	Gauthier	18.6810
Upper Canada	PAT-29858	L8807	PATENT	M&S	Gauthier	16.4915
Upper Canada	PAT-29859	L8980	PATENT	M&S	Gauthier	11.6829

Property	Claim No.	Old Claim No.	Claim Type	Rights	Township	Area (Ha)
Upper Canada	PAT-29860	L9505	PATENT	M&S	Gauthier	12.4142
Upper Canada	PAT-29861	L9613	PATENT	M&S	Gauthier	12.3871
Upper Canada	PAT-29862	L9614	PATENT	M&S	Gauthier	18.7043
Upper Canada	PAT-29863	L9615	PATENT	M&S	Gauthier	21.1897
Upper Canada	PAT-29864	L19189	PATENT	M&S	Gauthier	12.3959
Upper Canada	PAT-29865	L19262	PATENT	M&S	Gauthier	12.6729
Upper Canada	PAT-29878	L3893.5	PATENT	M&S	Gauthier	15.0318
Upper Canada	PAT-29879	L5506	PATENT	M&S	Gauthier	15.8920
Upper Canada	PAT-29880	L5694	PATENT	M&S	Gauthier	15.0881
Upper Canada	PAT-29881	L8828	PATENT	M&S	Gauthier	20.6436
Upper Canada	PAT-29882	L8977	PATENT	M&S	Gauthier	18.4044
Upper Canada	PAT-29883	L8978	PATENT	M&S	Gauthier	15.5116
Upper Canada	PAT-29887	L30893	PATENT	M&S	Gauthier	17.5727
Upper Canada	PAT-29888	L31046	PATENT	M&S	Gauthier	18.0620
Upper Canada	PAT-29890	L8979	PATENT	M&S	Gauthier	14.5089
Upper Canada	PAT-29891	L9433	PATENT	M&S	Gauthier	19.7655
Upper Canada	PAT-29892	L9434	PATENT	M&S	Gauthier	14.5326
Upper Canada	PAT-29893	L9435	PATENT	M&S	Gauthier	20.0035
Upper Canada	PAT-29894	L10013	PATENT	M&S	Gauthier	14.6893
Upper Canada	PAT-29901	L3894	PATENT	M&S	Gauthier	15.5887

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

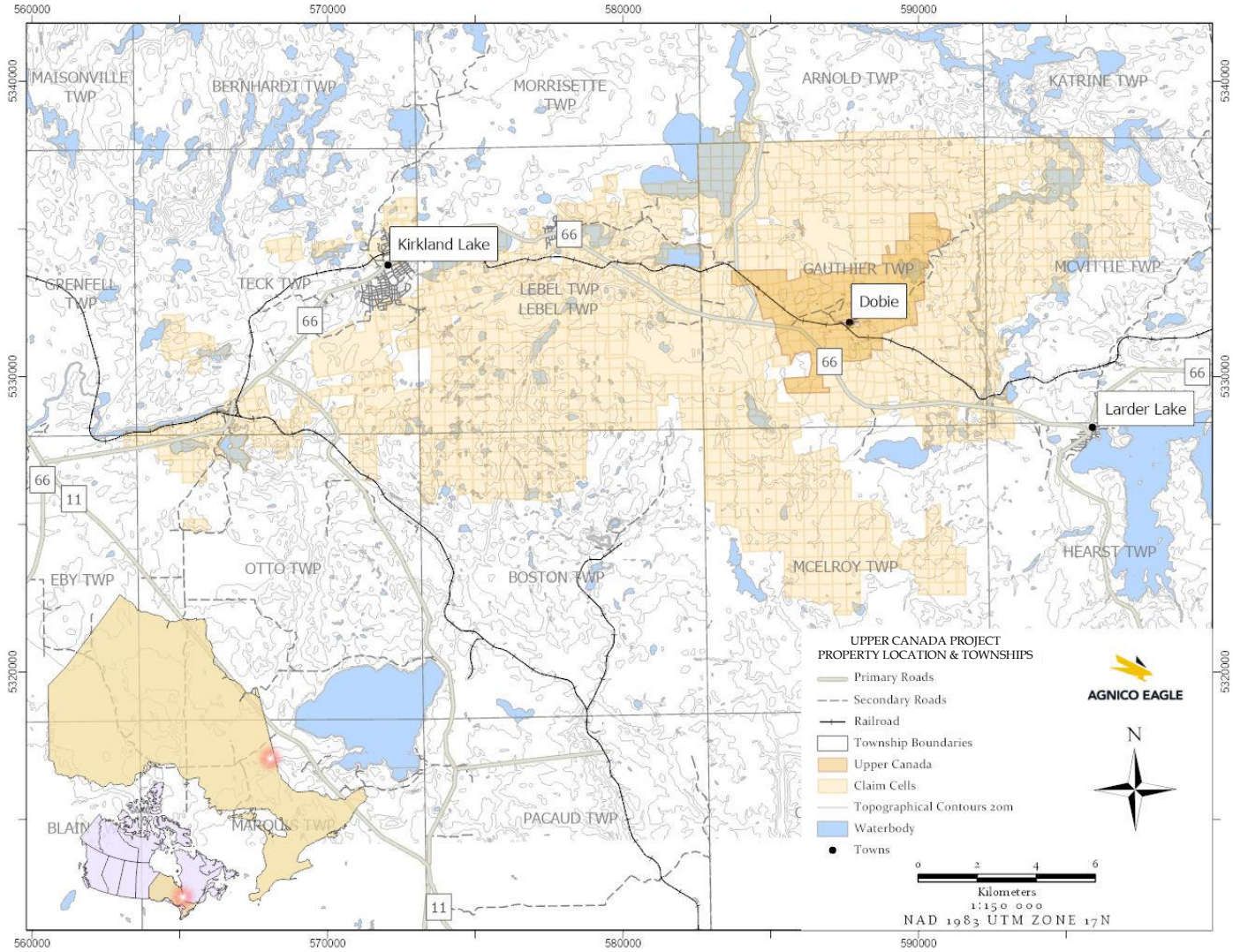


Figure 1. AEM Upper Canada property claim package location outlined by claim cells (medium yellow boxes) and AEM's claim cells (pale yellow boxes).

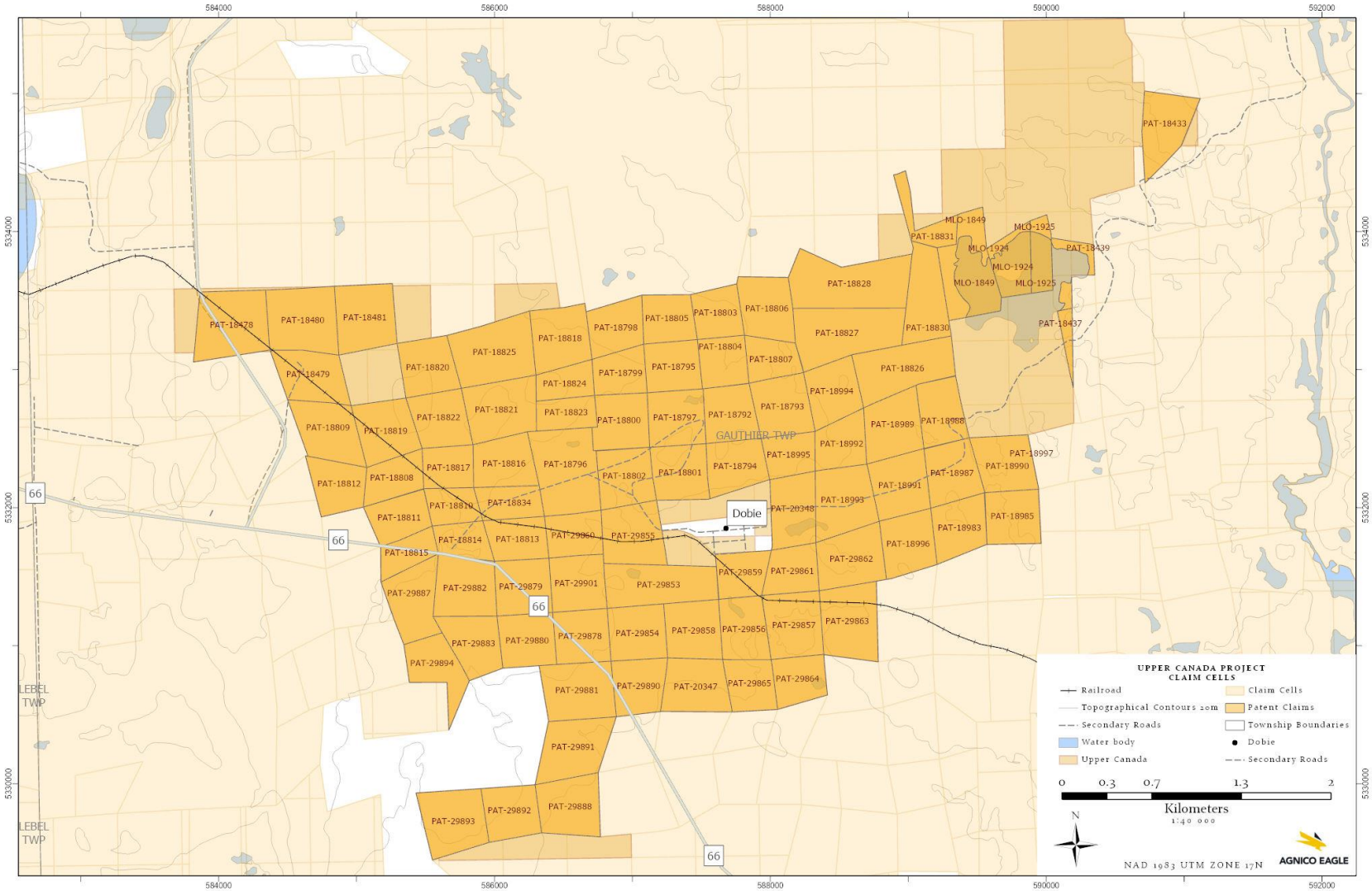


Figure 2. Map of the Upper Canada property claim package outline showing the patents (darker yellow boxes), claim cells (medium yellow boxes), and other AEM's claims (pale pink boxes).

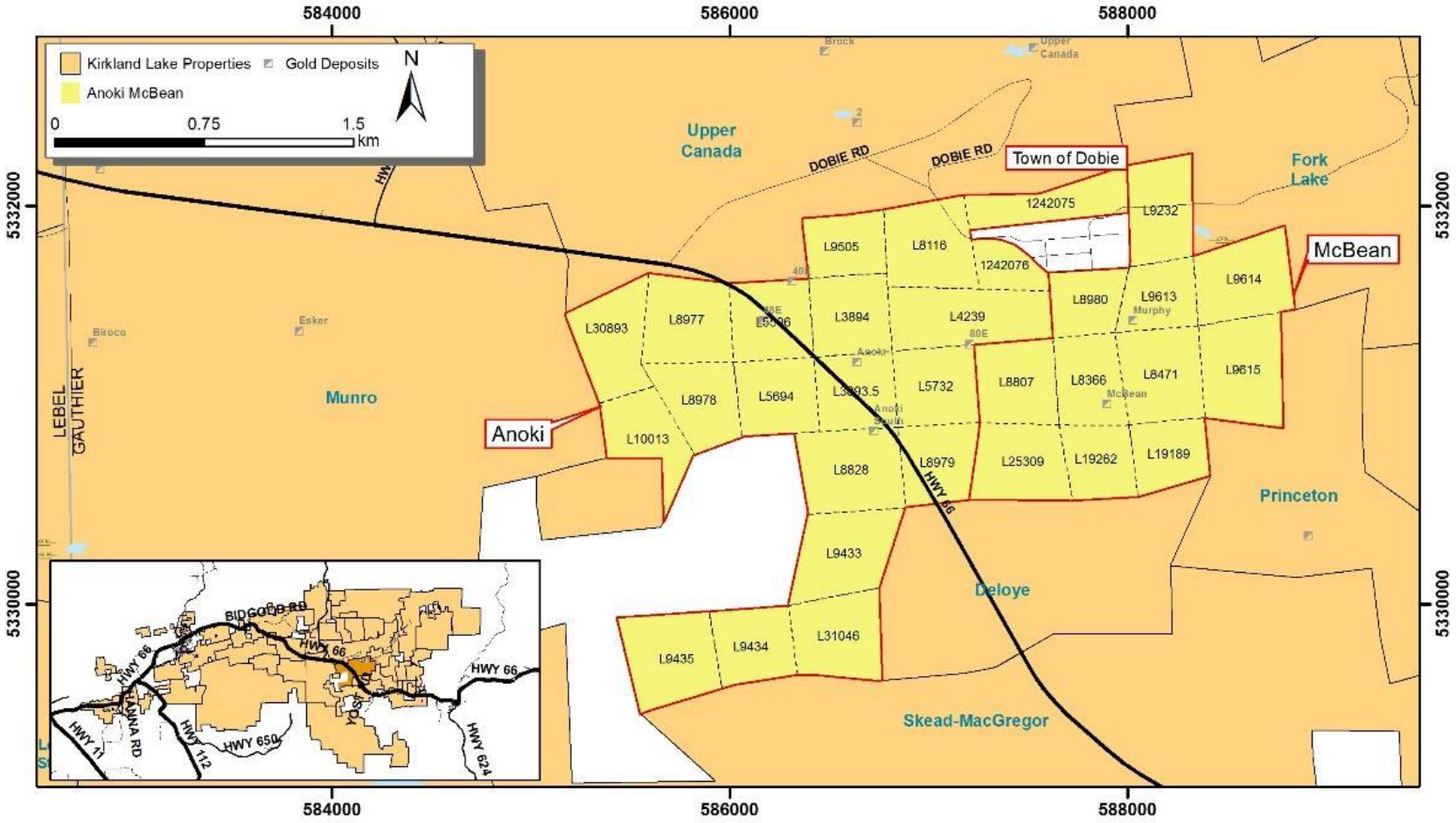


Figure 3. Previous Anoki-McBean property claim map with old claim numbers (Murahwi and Gowans, 2017).

2.0 PREVIOUS WORK

2.1 McBean gold deposit history

The following summarised history of the McBean deposit is derived from Micon Technical report of the resource estimate update for the Anoki-McBean property Kirkland Lake Gold Camp, Northeast Ontario, Canada by Charley Murahwi and Richard Gowans (2017):

1928: Discovery of McBean deposit and Murphy Mines initiated underground exploration with shaft sinking of the #1 and #2 shafts.

1941: Queenston acquired Murphy claims and deepened #2 shaft.

1946-51: Queenston developed #4 shaft. The underground mine closed in 1951 due to the low price of gold.

1976: Canico (Inco) optioned the property from Queenston and completed diamond drilling from surface.

1983: Canico estimated the “in-situ reserves” (“mineral resources”) at the McBean deposit

1984-86: Queenston and Canico joint venture developed an open pit in the shaft #2 and #4 areas.

1993: Closure plan developed and finalized subsequent to the operation of the McBean open pit.

1996: Queenston and Franco-Nevada Mining Corporation joint venture conducted a drilling project on both the McBean and Anoki deposits.

1996-97: McBean deposit resource estimate by RPA/Queenston.

2003: Queenston drill program designed to follow up historic drill holes near the Murphy (#1) shaft.

2005-06: Queenston drill program designed to confirm the 1997 historic McBean resource estimate.

2008-10: Multi-phase drill program designed to both advance the mineral resources to NI 43-101 standards as well as expand the deposit through deeper exploration drilling.

2012: Osisko Mining Corporation (“Osisko”) signed an all-stock deal to buy Queenston, including the Kirkland Lake Project being their primary asset.

2014: CMC, a 50/50 joint venture between AEM and Yamana, acquired Osisko in June 2014.

2016-17: Micon Technical report of the resource estimate update for the Anoki-McBean property Kirkland Lake Gold Camp, Northeast Ontario, Canada by Charley Murahwi and Richard Gowans.

2017: AEM buys the 50% participation from Yamana.

2019: Structural and geochemical analysis of a weakly mineralized segment from the Cadillac - Larder Lake deformation zone: implications for gold mineralization by Leslie Hunt (B.Sc. Geology thesis completed at Laurentian University in Sudbury, ON).

Historic Development: Queenston #1 Shaft to a depth of 630 ft (190 metres), including lateral development on the 600 ft level (Figure 4).

#2 Shaft to a depth of 272 ft (83 metres) with lateral development on the 125 ft and 250 ft levels.

#4 Shaft to a depth of 722 ft. (220 metres), as well as completing extensive lateral development on the 125 ft, 250 ft, 400 ft, 550 ft, and 700 ft levels.

Open pit in the #2 and #4 shaft areas (Figure 4). The upper portion of the McBean deposit was mined and processed at the refurbished Upper Canada mill.

Historic Production: McBean property was limited to open pit operations with commercial production in 1984-1986.

Production from the open pit amounted to 48,805 oz. of gold from 506,000 t grading 3.0 g/t, with mill recoveries of 95% employing a cyanide leach circuit. Due to prevailing gold prices at the time ($400 US/oz), the underground exploitation of the remainder of the deposit, below the pit, was postponed.

2.2 Anoki gold deposit history

The following summarised history of the Anoki deposit is derived from Micon Technical report of the resource estimate update for the Anoki-McBean property Kirkland Lake Gold Camp, Northeast Ontario, Canada by Charley Murahwi and Richard Gowans (2017):

1916: Discovery of gold on the Anoki property followed by trenching and diamond drilling.

1927: Elstone-Kirkland Mines Ltd. took over the property.

1938-40: Anoki Gold Mines took over the property, sank a shaft (Anoki Shaft) to a depth of 754 ft (230 metres) and installed a surface plant.

1946-47: Property sold to Queenston, surface and underground drilling and extensive underground development.

1950-51: Underground drilling, mine closed in 1951.

1976-86: Canico optioned the Anoki property from Queenston. Canico carried out surface exploration programs consisting of mapping, geophysics (magnetics and Induced polarization (IP)), as well as completing 38 surface drill holes totalling 7,238 metres before making a decision to go underground.

1980: Canico made a preliminary estimate of potentially mineable material at the Anoki Main, A1 and A2 zones.

1987-88: Canico undertook underground exploration on Anoki via a ramp driven to a depth of 775 ft (236 metres) that included 607 linear metres of drifting. Diamond drilling from underground included 121 drill holes, totalling 12,022 metres, from four levels.

1988-90: Inco carried out a feasibility study and estimated the mineral resources for the Anoki deposit

1996: Queenston-Franco-Nevada; diamond drill program to test continuity and extent of known reserves.

1996-01: Queenston-Franco-Nevada; surface drilling program of 18 holes totalling 11,580 metres.

2002-06: Queenston carried out geophysical surveys (magnetics and IP) and surface drilling program of 45 holes, totalling 22,361 metres. In 2004, Roscoe Postle Associates Inc. (RPA), upgraded the Anoki resources.

2009-10: Queenston conducted an exploration program designed to explore the deep eastern extension of the Anoki South Splay structure and further exploration of the Anoki western extension. Surface drilling program of 21 holes totalling 14,548 metres. In 2010, P&E estimated the Anoki-McBean mineral resources.

2012: Osisko signed an all-stock deal to buy Queenston, with the Kirkland Lake Project being their primary asset.

2014: CMC, a 50/50 joint venture between AEM and Yamana, acquire Osisko in June 2014. Surface drilling program of 9 holes totalling 2,967 metres.

2016-17: Micon Technical report of the resource estimate update for the Anoki-McBean property Kirkland Lake Gold Camp, Northeast Ontario, Canada by Charley Murahwi and Richard Gowans.

2017: AEM buys the 50% participation from Yamana.

Historic Development: Anoki Shaft to a depth of 754 ft (230 metres) with underground development completed along four levels at 350 ft, 475 ft, 600 ft, and 735 ft (Figure 4).

Historic Production: As part of its feasibility study completed in 1987-1988, Inco extracted a bulk sample that included some 36,750 tons of material from the four underground development levels (350 ft, 475 ft, 600 ft and 735 ft). This material contained around 27,000 tons at an average grade of 0.116 oz/ton Au (3.98 g/t Au), 7,200 tons of low grade material at an average grade of 0.053 oz/ton Au (1.82 g/t Au) and 2,550 tons of waste at an average grade of 0.013 oz/ton Au (0.446 g/t Au). The higher-grade material was processed at the Upper Canada mill.

Apart from this bulk sample, there has been no historical production nor commercial production from the Anoki property.

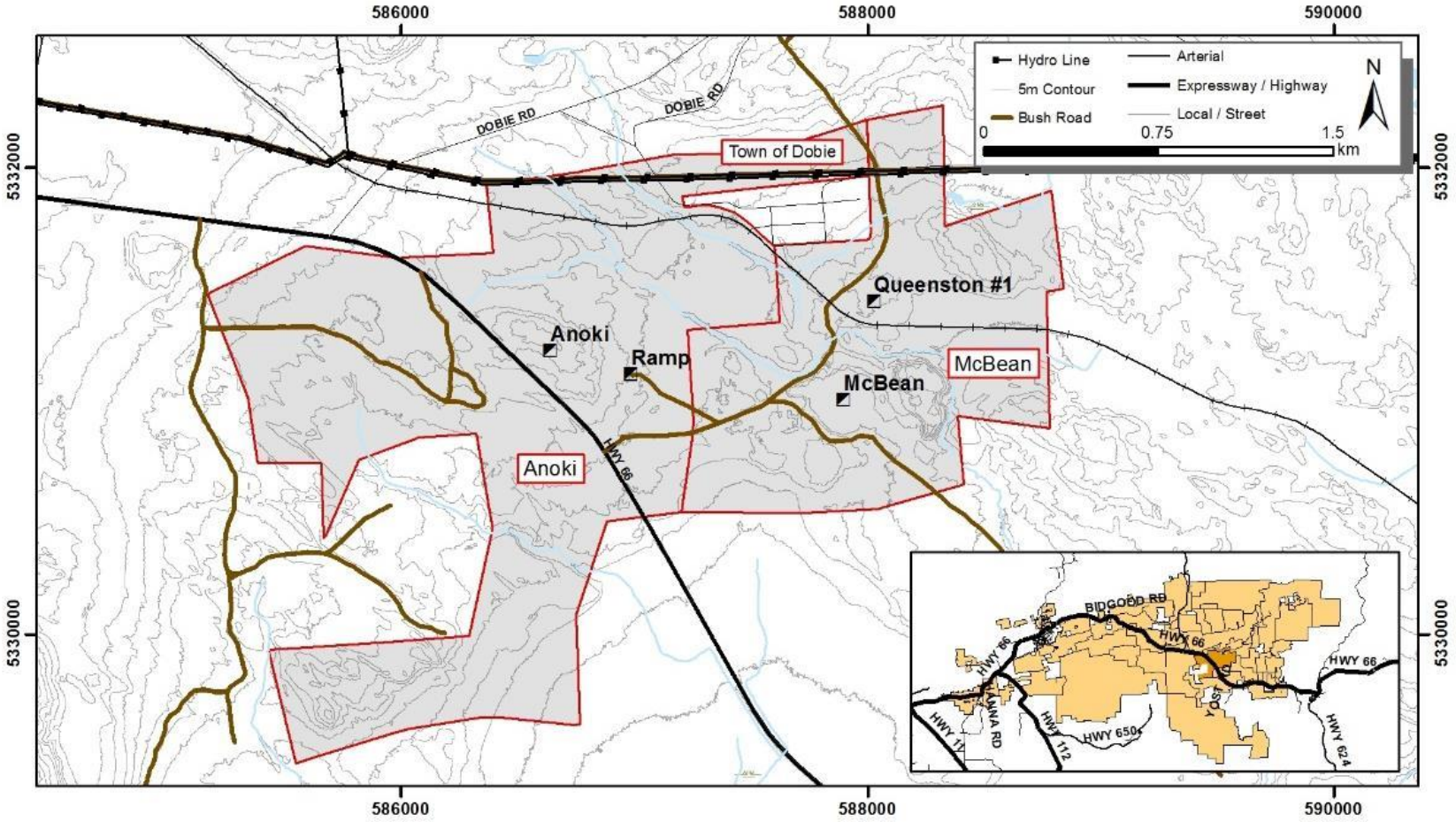


Figure 4. Previous Anoki-McBean property outline showing the location of historic open pit (McBean deposit only) and underground development (Anoki and McBean deposits; Murahwi and Gowans, 2017).

3.0 GEOLOGY OF ANOKI-MCBEAN PROPERTY

3.1 Regional Geology

AEM's Anoki-McBean property is located within the Kirkland Lake Gold Camp ("KLGC") in the southwestern portion Archean Abitibi greenstone belt of the Archean Superior Province of the Canadian Shield (Murahwi and Gowans, 2017). Mafic to felsic metavolcanic rocks, metasedimentary rocks, lesser ultramafic metavolcanics rocks and a variety of intrusive rocks form an east-west-striking assemblage of the Abitibi Greenstone Belt (Bernier and Chartier, 2018). There are two major regional fault structures in the Abitibi region; Larder Lake-Cadillac and Porcupine Destor deformation zones (Bernier and Chartier, 2018). Majority of the historical gold production in the Abitibi Greenstone Belt is spatially associated with these two major regional structures (Murahwi and Gowans, 2017).

The Larder Lake-Cadillac Break ("LCB") is generally an east-west trending moderately to steeply dipping zone of ductile -brittle deformation (Murahwi and Gowans, 2017). It is spatially and genetically related to numerous gold mines and occurrences in the Southern Abitibi Greenstone Belt, and can be traced from the Matachewan area, approximately 80 kilometres west of Kirkland Lake, through the Rouyn-Noranda area and eastward to the Val d'Or, Quebec, area (Murahwi and Gowans, 2017).

East of the Anoki-McBean property, in the Larder Lake area, the Larder Lake-Cadillac deformation zone ("LLCDZ") hosts the giant Kerr Addison - Chesterville deposits where gold along the LLCDZ 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; Murahwi and Gowans, 2017). The gold is interpreted as being deposited as hydrothermal fluids migrated upward along the LLCDZ during compressional, D2, south-side-up shearing. The gold zones were subsequently modified during D3 reactivation of the LLCDZ as a dextral transcurrent fault zone (Lafrance, 2015). The LCB deformation zone is exposed only locally on surface at the Anoki-McBean property, but has been tested by numerous drill-holes along strike and to depth (Murahwi and Gowans, 2017).

3.2 Anoki-McBean Property Geology

The following description is derived from a Technical report on the resources estimate update for the Anoki-McBean property, Kirkland Lake gold camp, Northeast Ontario, Canada; prepared by MICON International Ltd, Murahwi and Gowans, 2017:

The dominant geological feature on the Anoki-McBean property (Figure 5) is the LCB, which occurs as a 30 metre to 100 metre wide package of highly sheared and deformed rocks, dipping from between 60° to 70° towards the southeast. The LCB has developed along the ultramafic members of the Lower Tisdale assemblage, separating komatiitic to tholeiitic sequences in the hanging wall to the south, from younger Timiskaming assemblage alkali volcanic and tuffaceous rocks and sediments to the north. Slip movement direction of this section of the LCB is suggested to be dextral, south-side-up, along the plunge (40 to 60 degrees east) of the stretching lineation (Ispolatov, 2003).

The Anoki Main deposit is located in the hanging wall to the LCB, within Lower Tisdale assemblage rocks. Limited gold values have been encountered in the LCB itself within the Anoki area and this portion of the LCB is relatively thinner than the McBean portion, varying from 50 metre to 100 metre thick.

The McBean deposit occurs along the southern margin of the LLCDZ, hosted by a band of highly strained, metamorphosed, and hydrothermally altered ultramafic rocks (Ispolatov et al., 2008). The LCB has a thickness of around 100 metre to 200 metre near the McBean deposit. In the McBean deposit area, the unstrained hanging-wall Lower Tisdale assemblage is absent due to the presence of a 1 kilometre diameter, gabbro/diorite intrusive complex.

The gold mineralization and accompanying alteration associated with the Anoki and McBean deposits are structurally controlled and related to a propagating, dextral shear zone associated with the LCB deformation zone. Mineralization is comprised of finely disseminated pyrite accompanied by irregular, asymmetrical alteration zones with variable quartz + dolomite flooding, silicification, and sericitization within dilatant zones. These mineralized zones commonly show a close spatial relationship to the green carbonate zones (Murahwi and Gowans, 2017).

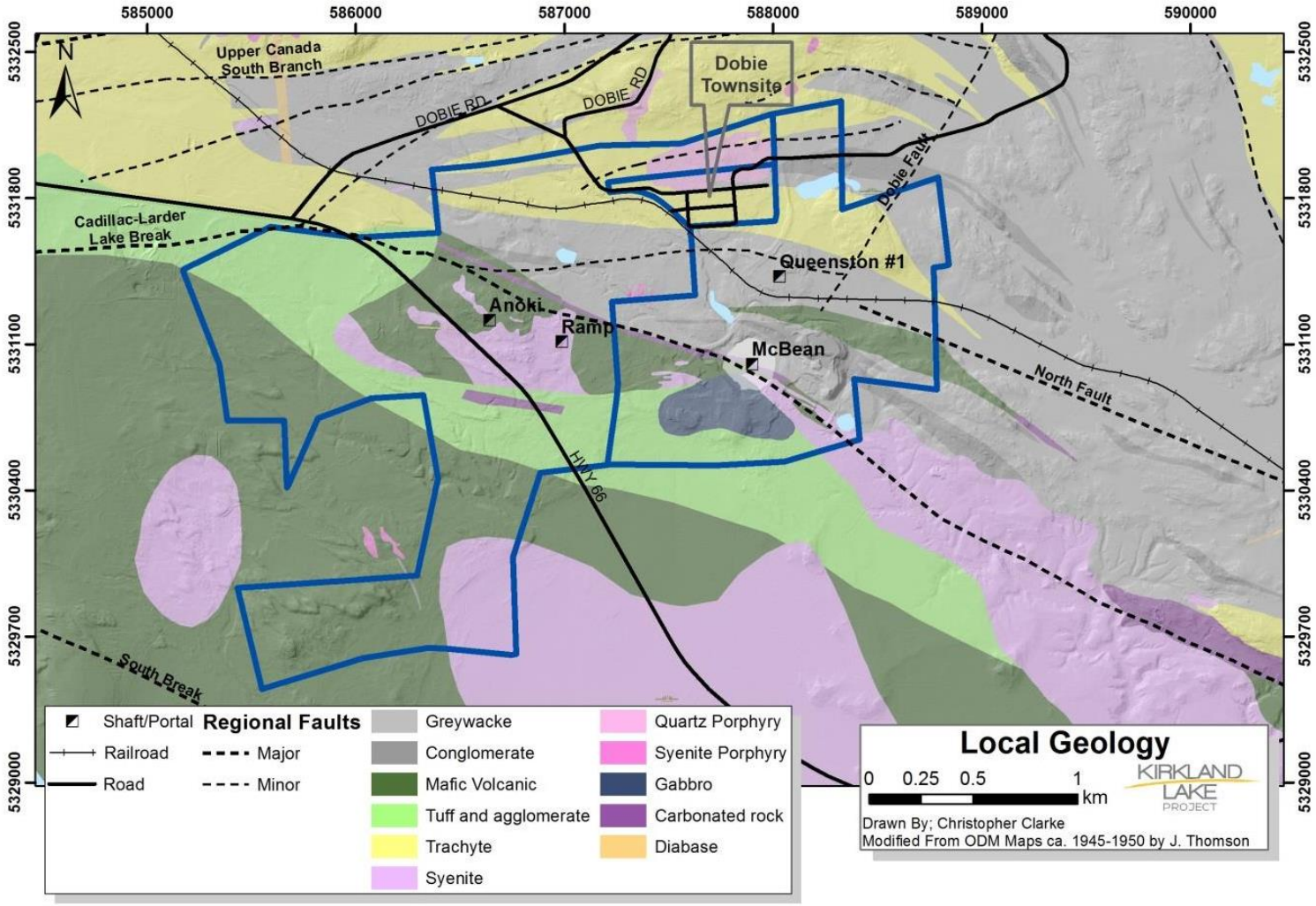


Figure 5. Geology map for the Anoki-McBean property (Murahwi and Gowans, 2017).

3.2.1 McBean deposit area

The following description is derived from a Technical report on the resources estimate update for the Anoki-McBean property, Kirkland Lake gold camp, Northeast Ontario, Canada; prepared by MICON International Ltd, Murahwi and Gowans, 2017:

In the McBean deposit area, the LCB strikes east-southeast and dips to the south (Figure 6). There are two main faults present within the LLCDZ; hanging wall fault and footwall fault. The hanging wall fault is the most important one, located to the north and below the hanging wall gabbro. This fault is intersected in most holes and can be seen to affect the first ultramafic rocks intersected below the hanging wall gabbro. The hanging wall fault is characterized by gougey breccia, gravelly and/or highly fractured material within the upper ultramafic component of the deformation corridor. The fault is oriented subparallel to the deformation corridor which dips to the south at 65° to 70° and strikes south-southeast. Many smaller brittle structures are present in the vicinity of the main hanging wall fault. These smaller faults appear to be sub-parallel to, and related to, the main hanging wall fault.

The footwall fault is the second most predominant fault. It is intersected near the base of the deformation corridor in a rock package dominated by altered sediment (mostly greywacke) at the northern boundary of the deformation zone. These altered sediments have been interpreted to be part of the Tisdale assemblage. This footwall fault appears to be a subsidiary or splay of the dominant hanging wall fault and these two faults appear to merge together east of the McBean open pit.

In the western portion of the McBean deposit, dolomite-fuchsite (Do-Fu) altered gold-bearing zones are located between these two main faults and are not significantly affected by brittle deformation proximal to these structures. To the east, the footwall fault swings south and merges with the hanging wall fault, these (Do-Fu) gold zones are fractured by the merging structures and further to the east, the bulk of the altered (Do-Fu) gold mineralization is located north of footwall fault.

3.2.2 Anoki deposit area

The following description is derived from a Technical report on the resources estimate update for the Anoki-McBean property, Kirkland Lake gold camp, Northeast Ontario,

Canada; prepared by MICON International Ltd, Murahwi and Gowans, 2017 and Rapport de Stage – Anoki-McBean Property prepared by Laura Quintini, 2019:

The Anoki deposit area is comprised of the Anoki main deposit, the Anoki south zone, Anoki deep zone, 40 east zone and North break zone (Figure 6). The Lower Tisdale assemblage is comprised of mafic to ultramafic volcanic rocks with intercalated units of chert and interflow sediments and is host to the Anoki main and Anoki south deposits. The Mineral Resources at Anoki are contained in numerous lenses that are located within a 50-m to 100-m thick package of altered, coarse grained basaltic flows in the hanging wall, south of and adjacent to the LCB. The basaltic flows both terminate along packages of cherty, graphitic and tuffaceous rocks plus or minus felsic intrusives at their north contacts.

The Anoki main deposit is a tabular zone approximately 60 x 450 metres sub vertically plunging east, mainly hosted in tholeiitic basalts and in syenite intrusions located in the northern flank of an antiform fold (Figures 9 and 10). The Anoki south zone is hosted in an assemblage of cherts and tuffs that are the lateral equivalent of the Anoki main deposit in the southern flank of the fold. The Anoki deep zone is located in the deeper parts of the Anoki deposit, occurring as mineralized lenses that are spatially associated with a subsidiary fault (South Splay; Agnerian, 2004) of the LCB. The Anoki deep zone is characterized by an intense alteration and deformation that make it difficult to determine the protolithic rocks hosting the mineralization. The primary zone is composed of ultramafic rocks that have been strongly altered (carbonate-fuchsite schist; Wayne et al., 2010). The 40 East Zone and North Break Zone are located to the north in the footwall of the LCB compared to the Anoki main deposit, Anoki south and Anoki deep zones which are located to the south. 40 East and North Break zones are distinguishable from the other zones by their association with the altered volcanoclastic and mafic tuff rocks of the Timiskaming formation. The mineralization of the Anoki deposit are associated with ankerite-sericite-albite-chlorite alteration with the exception of the Anoki deep zone that is associated with a fuchsite-carbonate alteration.

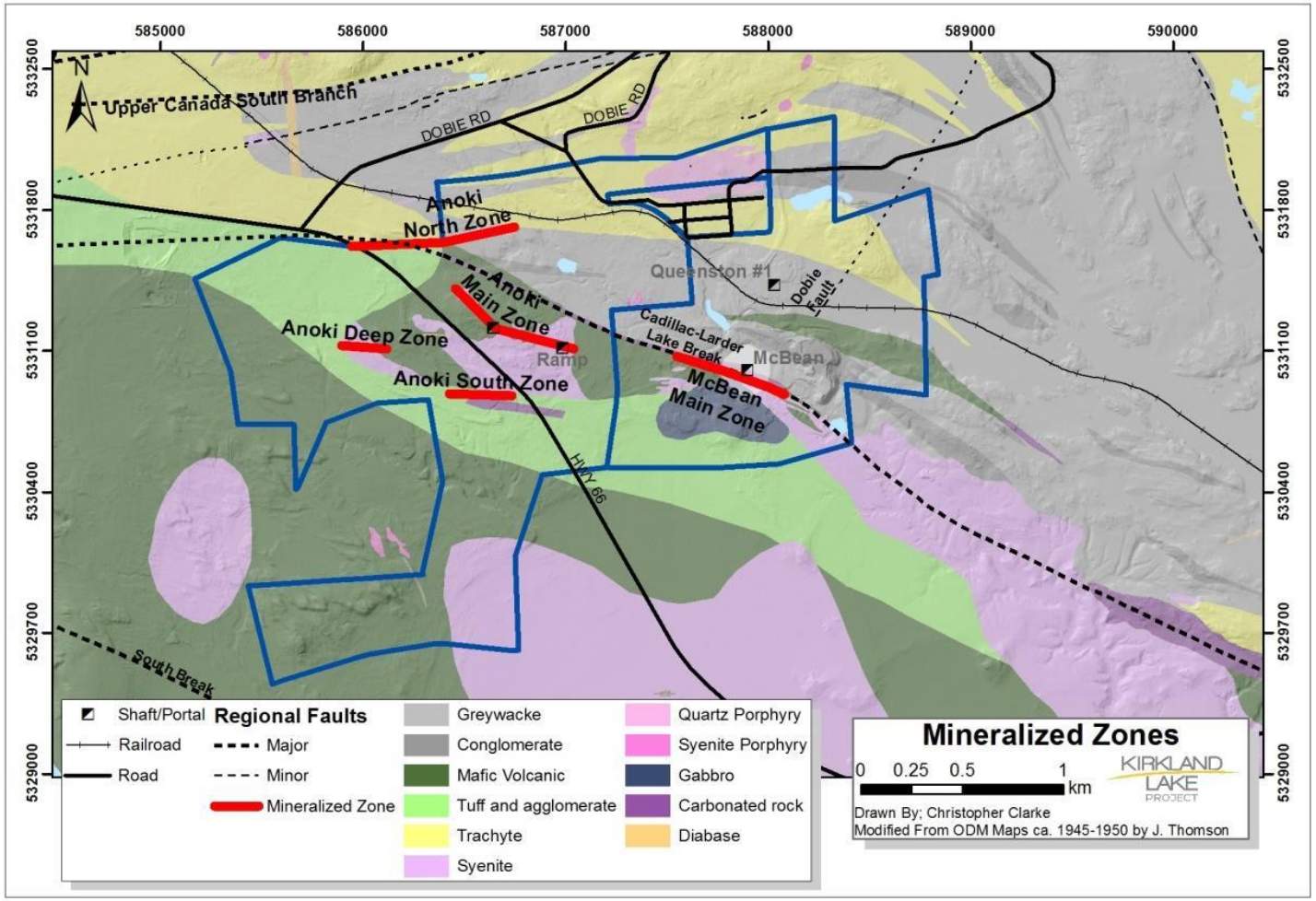


Figure 6. Geology map of the Anoki-McBean property showing the distribution of major faults and Anoki-McBean mineralized zones (Murahwi and Gowans, 2017).

4.0 2020 ANOKI DRILL PROGRAM

The 2020 drill program reported herein ran from June 16th, 2020 to July 10th, 2020 (totaling 25 days). The drilling campaign comprises four exploration drill holes for a total of 1,450 metres (Table 3). All the drill holes were drilled on patented mining claims owned 100% by AEM within Gauthier Township and therefore was not subject to the Ontario exploration permit/plan regulations. The four drill holes completed in the 2020 drill program were collared on patented claims: PAT-29878, PAT-29854 and PAT-29890 (Table 4, Figure 7).

Drill-hole locations were spotted in the field using a Trimble RTK differential GPS by AEM survey technicians. Collar coordinates datum were provided in NAD83 Zone 17N CSRS 2010. The drill rigs were aligned using picketed front sights and a Devico DeviAligner™. The collar locations were re-surveyed when drilling operations commenced, or upon completion of the hole. The downhole surveying was completed during drilling operations at specified increments using a Champ Navigator North Seeking tool in single shot mode. All drill core was nominal NQ diameter.

The drill core was delivered by Major to AEM's office and core logging facility at the historic Upper Canada mine site, twice daily typically at the end of day and night shifts. Refer to section 5 for the core logging, sampling and assaying procedures.

Table 3 – Summary of Anoki-McBean 2020 drill holes and number of samples.

Hole ID	Claim No.	UTM Collar coordinates			Direction		Length (m)	Total number of samples		
		Easting	Northing	Elev.	Azimuth (TN)	Dip		Collected	Assayed (Au)	QAQC (in house)
KLAN20-095	PAT-29878	5331138.90	586761.54	329.16	14	-46	163	97	86	11
KLAN20-096	PAT-29854	5331066.90	586859.76	318.02	16	-51	324	211	185	26
KLAN20-097	PAT-29890	5330858.28	587010.23	309.57	16	-52	498	342	300	42
KLAN20-098	PAT-29890	5330858.45	587010.27	309.57	15	-47	465	261	230	31
					TOTAL		**1450**	**911**	**801**	**110**

Table 4 – Summary of the 2020 Anoki-McBean drill holes lengths per claim unit.

Hole ID	Claim No.	From (m)	To (m)	Claim No.	From (m)	To (m)	Length (m)
KLAN20-095	PAT-29878	0	163				
KLAN20-096	PAT-29854	0	324				
KLAN20-097	PAT-29890	0	66	PAT-29854	66	498	432
KLAN20-098	PAT-29890	0	59	PAT-29854	59	465	406

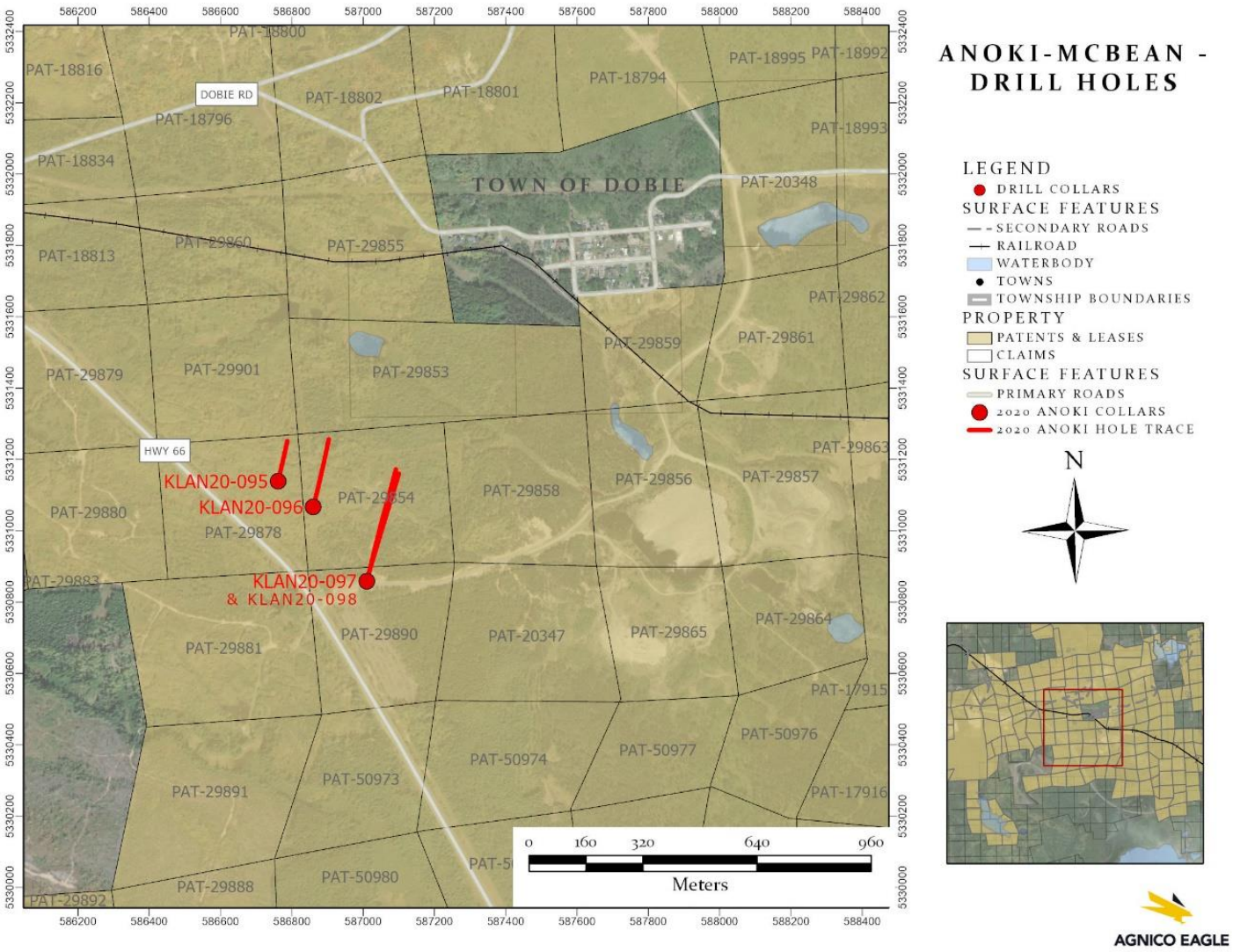


Figure 7. Plan map showing Upper Canada claim package with 2020 Anoki-McBean drill holes.

4.1 Drilling results - Holes KLAN20-095 and KLAN20-096

The 2020 drill program on the Anoki-McBean property focused on testing the upward and down plunge extensions of the Anoki main deposit (Figure 8). The program started with two holes (KLAN20-095 and KLAN20-096) targeting an upward (up dip) extension above the Anoki main deposit.

Hole KLAN20-095 was drilled to a depth of 163.0 metres, targeting a 50 metre step out above the Anoki main zone (Figures 8 and 9). KLAN20-095 dominantly intercepted massive basalt with minor gabbro, graphitic argillite, chert, and tuff towards the end of the hole. The mineralization is dominantly local 2-3% disseminated pyrite with 5-20% semi-massive patches and veins of pyrite occurring in the graphitic argillite units. A sheared, albite-altered interval was intercepted at 132.5 to 136.5 metres, which contained 2-3% iron-carbonate veinlets, 1-2% brecciated quartz veins, and 2-3% disseminated pyrite mineralization. KLAN20-095 returned no significant results above 0.1 g/t.

Hole KLAN20-096 was drilled to a depth of 324.0 metres, also targeting a 50 metre step out above the Anoki main zone, but approximately 120 metres to the southeast of KLAN20-095 (Figures 7, 8 and 9). KLAN20-096 collard into a gabbro alternating with ultramafic rocks in the first 100 metres. The remainder of the hole consists of alternating chert, graphitic argillite, basalt, and amphibolite intervals up to 270 metres down hole. A brittle fault zone-containing gouge, interpreted as the Larder Lake-Cadillac break, was intercepted at 270.0 to 275.0 metres. A 4.0 metre (cl) thick quartz feldspar porphyry intrusive marks the upper contact of the fault zone. The interval 256.6 to 270.5 metres returned 0.31 g/t Au over 14.0 metres (cl) including 0.83 g/t Au over 1.5 metres (cl; (Table 5). The ultramafic unit hosting the fault zone continues down hole to 313.0 metres. A 0.7 metre (cl) quartz feldspar porphyry intrusive marks the lower contact of the ultramafics with sediments.

Table 5 - Assay results highlights from hole KLAN20-098.

Hole ID	Zone	Incl.	From (m)	To (m)	Length (m)	Au gpt uncapped
KLAN20-096	Anoki main		256.5	270.5	14.0	0.31
KLAN20-096	Anoki main	**Incl.**	262.5	264.0	1.5	0.83

4.2 Drilling results - Holes KLAN20-097 and KLAN20-098

The 2020 drill program on the Anoki-McBean property was completed with two holes (KLAN20-097 and KLAN20-098) testing the down plunge extension of the Anoki main deposit (Figures 8 and 10).

Hole KLAN20-097 was drilled to a depth of 498.0 metres, testing the eastern plunge of the Anoki main zone. KLAN20-097 was dominantly composed of ultramafic and basalt units with a minor green carbonate unit marking the upper contact with the sediments at the end of the hole (Figure 10). A minor graphitic argillite-chert interval was intercepted at 402.0 metres, marking the interpreted chert horizon. Minor felsite intrusions up to 1 metre (cl) thick were also intercept between 405.0 to 470.0 metres. These brittlely deformed intrusions contain up to 5% pyrite dusting and quartz-carbonate veining. The felsite intrusions occur within strongly deformed intervals of ultramafic and green carbonate units. KLAN20-097 returned no significant gold results above 0.5 g/t except for a 0.51 g/t Au over 1.0 metre (cl) between 440.5 to 441.5 metres (Table 6).

Hole KLAN20-098 was drilled to a depth of 465.0 metres, testing the eastern plunge of the Anoki main zone. KLAN20-098 was collared on the same setup as hole KLAN20-097 but had a shallower dip. KLAN20-098 intercepted the same sequence of lithologies as KLAN20-097, dominantly composed of ultramafic and basalt units with a minor intercept of green carbonate unit marking the upper contact with the sediments at the end of the hole (Figure 10). Minor graphitic argillite-chert and felsic intrusions documented in hole KLAN20-097 were also intercepted in hole KLAN20-098. Assay results for KLAN20-098 returned a low grade 0.47 g/t Au over 4.2 metres (cl) which included 1.42 g/t Au over 0.7 metre (cl; Table 6). The included 1.42 g/t Au over 0.7 metre (cl) seems to be associated with a pale grey brecciated quartz vein hosted in a brecciated felsic intrusive (Figure 11).

Table 6 - Assay results highlights from hole KLAN20-098.

Hole ID	Zone	Incl.	From (m)	To (m)	Length (m)	Au gpt uncapped
KLAN20-097	Anoki main		440.5	441.5	1.0	0.51
KLAN20-098	Anoki main		395.3	399.5	4.2	0.47
KLAN20-098	Anoki main	**Incl.**	396.0	396.7	0.7	1.42

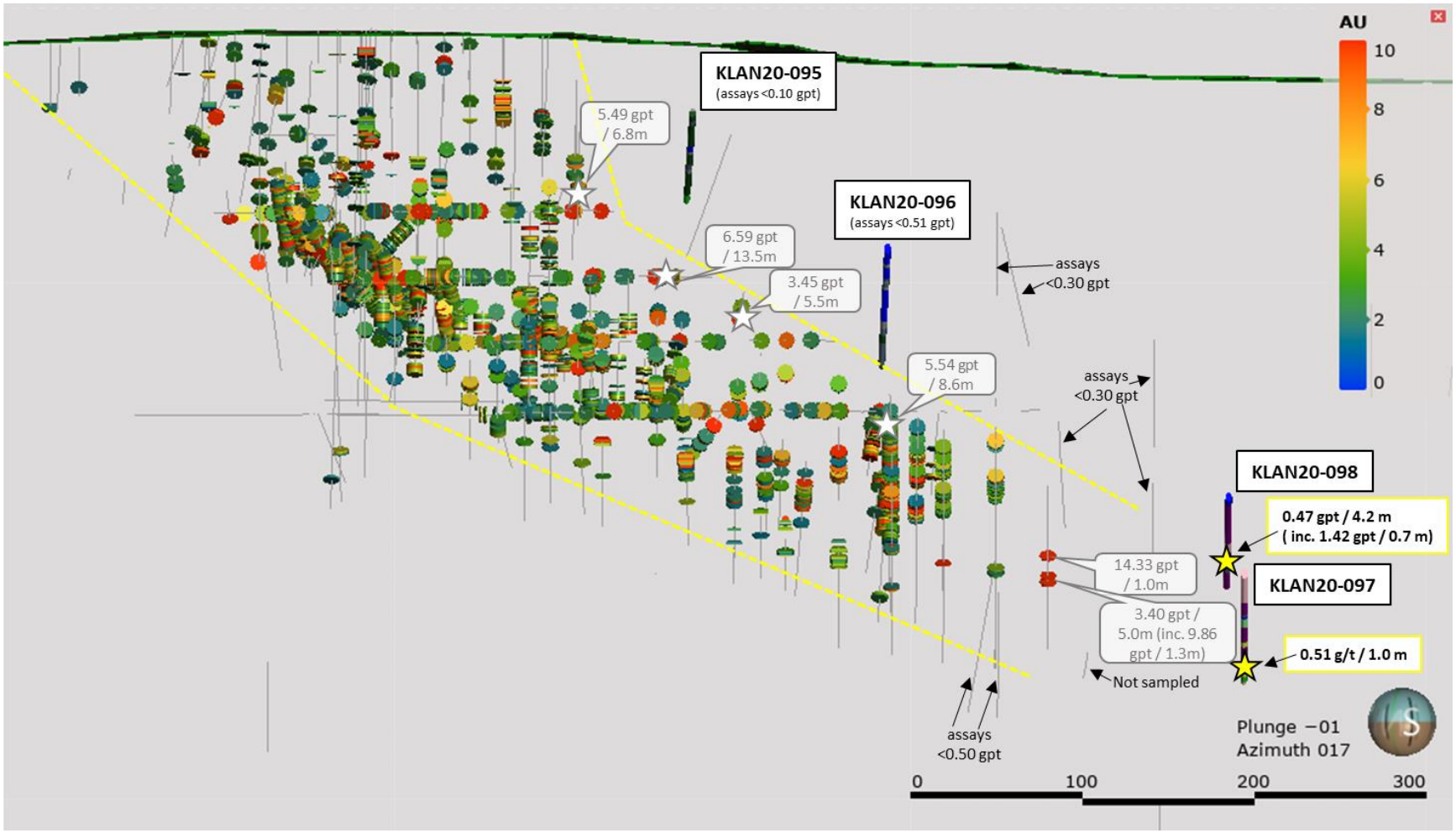


Figure 8. Longitudinal section (looking N017; 80m thick) of the Anoki main deposit showing the 2020 Anoki drill holes.

Figure 9. Cross sections (looking W285; 10m thick) of the geology in the Anoki main deposit area with 2020 Anoki drill holes KLAN20-095 (left figure) and KLAN20-096 (right figure).

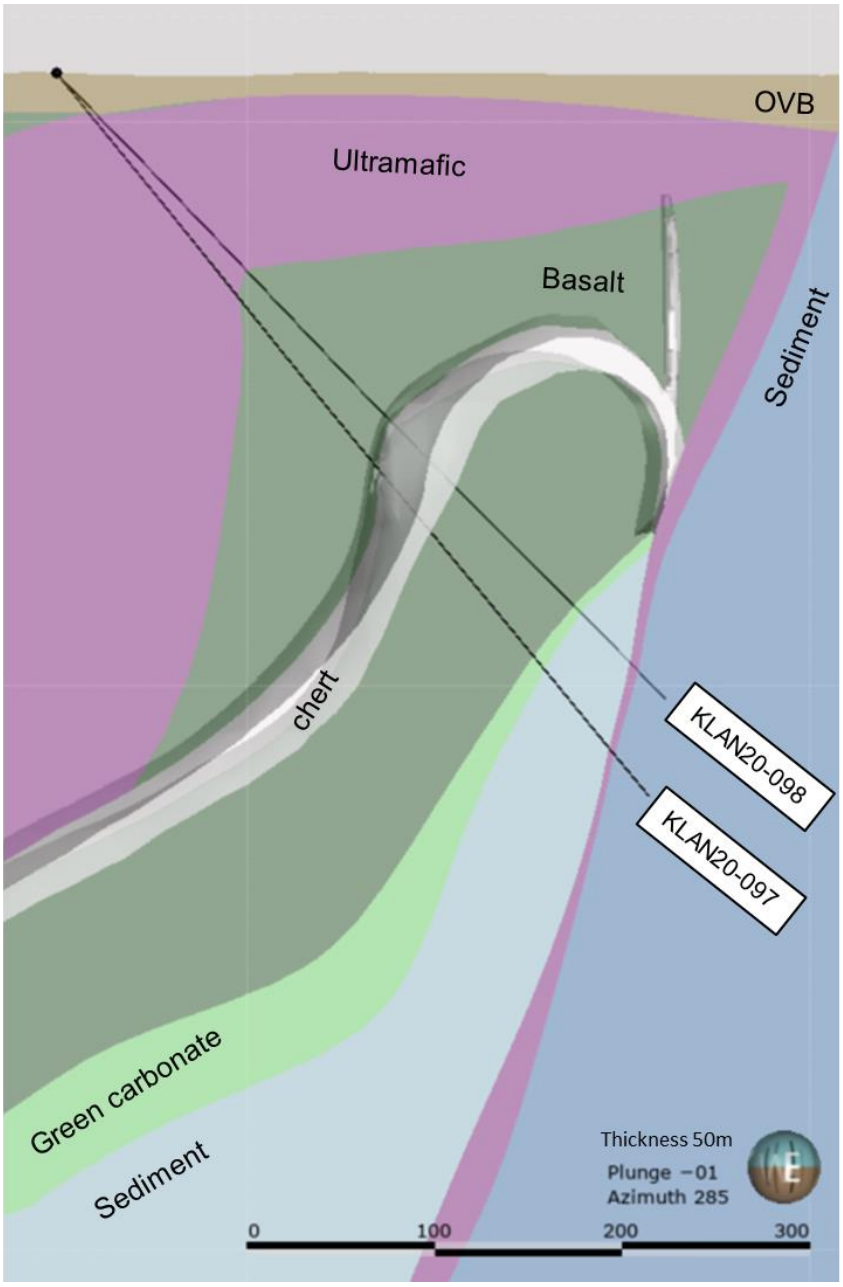


Figure 10. Cross section (looking W285°; 10 metres thick) of the geology in the Anoki main deposit area with 2020 Anoki drill holes KLAN20-097 (steeper trace) and KLAN20-098 (shallower trace).

Figure 11. Core photo of KLAN20-098 showing the core with the 1.42 g/t Au over 0.7 metre intercept.

5.0 CORE LOGGING, SAMPLING AND ASSAYING

After the drill core is recovered from the tube, it is placed in wooden boxes by the drilling crews. 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. The core is measured and marked on the core at 1 metre intervals.

Rock quality designation (“RQD”) is calculated over three metre intervals and the percentage is marked on the core. Magnetic susceptibility (“MS”) measurements are taken using a multi-parameter probe (“MPP”) magnetic susceptibility at one meter intervals; areas of poorly recovered core or missing core are skipped. The RQD and MS measurements along with geological descriptions of the core are recorded in a logging software (i.e. Fusion – DH logger program). Special attention is given to alteration, mineralization, vein and structural information. Once the description of the core is complete and samples inserted, the core boxes were photographed.

The drill core from the 2020 drilling program on the Anoki-McBean property was selectively sampled. The samples are marked between 0.5 to 1.5 metre thick intervals (depending on the lithology, alteration and mineralization) by the geologist and sample tickets are inserted at the end of the marked interval. In-house standards, blanks, laboratory duplicates and field duplicates were inserted at specified intervals throughout the sampling process. The drill core that is being sampled are then cut in half by AEM or contracted 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 (“ALS”) for processing. 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 AEM Dobie Exploration office for future reference.

During the logging process, samples were also taken at random to be analysed by the in-house pXRF (portable x-ray fluorescence). A small (1x1 cm) representative area that was relatively homogeneous, free of fractures or veins and the least altered as possible 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.

6.0 INTERPRETATIONS

Holes KLAN20-095 and KLAN20-096 were drilled to test for the potential up dip extension of the Anoki main zone in areas that were opened and not previously tested. Around holes KLAN20-095 and KLAN20-096, the Anoki main zone was mainly associated with quartz veins hosted by highly carbonated and deformed intervals and in felsic and porphyritic intrusions (i.e. syenite in the literature, corresponding to the pink intrusion in Figure 9). Hole KLAN20-95 intercepted a narrow shear zone with minor quartz veining 2-3% fine disseminated pyrite mineralization whereas hole KLAN20-96 failed to intercept any of these characteristic intervals. These results combined with the existing data seem to indicate that the mineralized zones and intrusions in the main zone are restricted to the folded chert footwall (in grey color in Figures 9 and 10). KLAN20-095 and KLAN20-096 did not intercept important quartz veins commonly hosted in felsic and porphyritic intrusions that are associated with the Anoki main deposit. The relation between the main deposit mineralized zones and the structural and fold complexity of the Anoki main deposit area may have been underestimated.

Holes KLAN20-097 and KLAN20-098 were drilled to test the eastern plunge of the Anoki main zone (Figure 8). KLAN20-098 was collared on the same setup as hole KLAN20-097 but has a shallower dip (Figure 10). KLAN20-097 and KLAN20-098 returned no significant results with the exception of a low grade 0.47 g/t Au over 4.2 metres (cl) including 1.42 g/t

Au over 0.7 metre (cl) returned in the assay results of hole KLAN20-098 (Table 5 and Figure 11). Holes KLAN20-097 and KLAN20-098 failed to intercept any of the favorable characteristics as mentioned in the paragraph above, instead the holes intercepted significant amount of deformed ultramafic rocks intervals that could be associated with the Larder Lake Cadillac Break or the South Splay. This suggests that the Anoki main zone is pinching or that it's down plunge extension is limited. It is also possible that the low grade intercept in hole KLAN20-098 represents an anomalous halo on the periphery of the Anoki main deposit and hole KLAN20-097 possibly undershot the down plunge extension of the Anoki main deposit.

7.0 RECOMMENDATIONS

It is recommended that follow-up drilling be completed above hole KLAN20-098 to determine continuity of an anomalous halo down plunge of Anoki main deposit. It is also recommended that more drilling be completed on all known zones at the Anoki and McBean deposits, once the 3D geological model has been updated, to better understand the geological constraints and extents of known zones. Drilling on the south flank of the recently interpreted fold is also recommended to test the concept and to investigate the lateral extensions of the South zone. Investigating the peripheries of the known Anoki and McBean zones and step outs along significant structures is also recommended for future work.

8.0 REFERENCES

Agnerian, H., 2004. Report on the Anoki Main Deposit & Anoki South Zone, Kirkland Lake, Ontario. Prepared for Queenston Mining Inc., by Roscoe Postle Associates Inc., filed on SEDAR.

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.

Ispolatov, V. et al., 2003. Geologic Mapping of the Gauthier Township Transect (Kirkland Lake Gold Camp). In Summary of Field Work and Other Activities 2003, OGS, Open File Report 6120, pp. 35-1 to 35-5.

Ispolatov, V., Lafrance, B., Dubé, B., Creaser, R. and Hamilton, M., (2008): Geologic and Structural Setting of Gold Mineralization in the Kirkland Lake - Larder Lake Gold Belt, Ontario, Society of Economic Geologists, Inc. Economic Geology, v. 103, pp. 1309-1340.

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.

Murahwi, C. and Gowans, R., 2017. Technical report on the resource estimate update from the Anoki-McBean property, Kirkland Lake Gold Camp, Northeast Ontario, Canada: prepared by Micon International Ltd., for Canadian Malartic Corporation, Agnico Eagle Mines Ltd, and Yamana Gold Inc.

Quintini, L., 2019. Rapport de Stage – Anoki-McBean Property; Rapport de stage, Maîtrise professionnelle en géologie et génie géologique de l'Université du Québec à Chicoutimi (UQAC).

Wayne Ewert, D., Armstrong. T., Yassa, A., and Puritch, E. 2010. Technical report and resource estimates for the McBean and Anoki gold deposits of the Kirkland Lake Gold project. Gauthier township, Kirkland Lake North-eastern Ontario, Canada. Prepared by P&E Mining Consultants Inc. for Queenston Mining Inc., 140 p.

9.0 STATEMENT OF QUALIFICATIONS

I, Mélanie L. 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 (June 2015) and a Master's of Science degree in Geology (January 2020).
3. I am a registered Professional Geoscientist with the Professional Geoscientists of Ontario, registration number 3141.
4. This report is an accurate account of the 2020 exploration program conducted by Agnico Eagle Mines Ltd. on the Anoki-McBean property of the Kirkland Lake Project.
5. I have direct knowledge and confirmed the expenditures made, relating to the activities described in this report as outlined in the Statement of Expenditures.

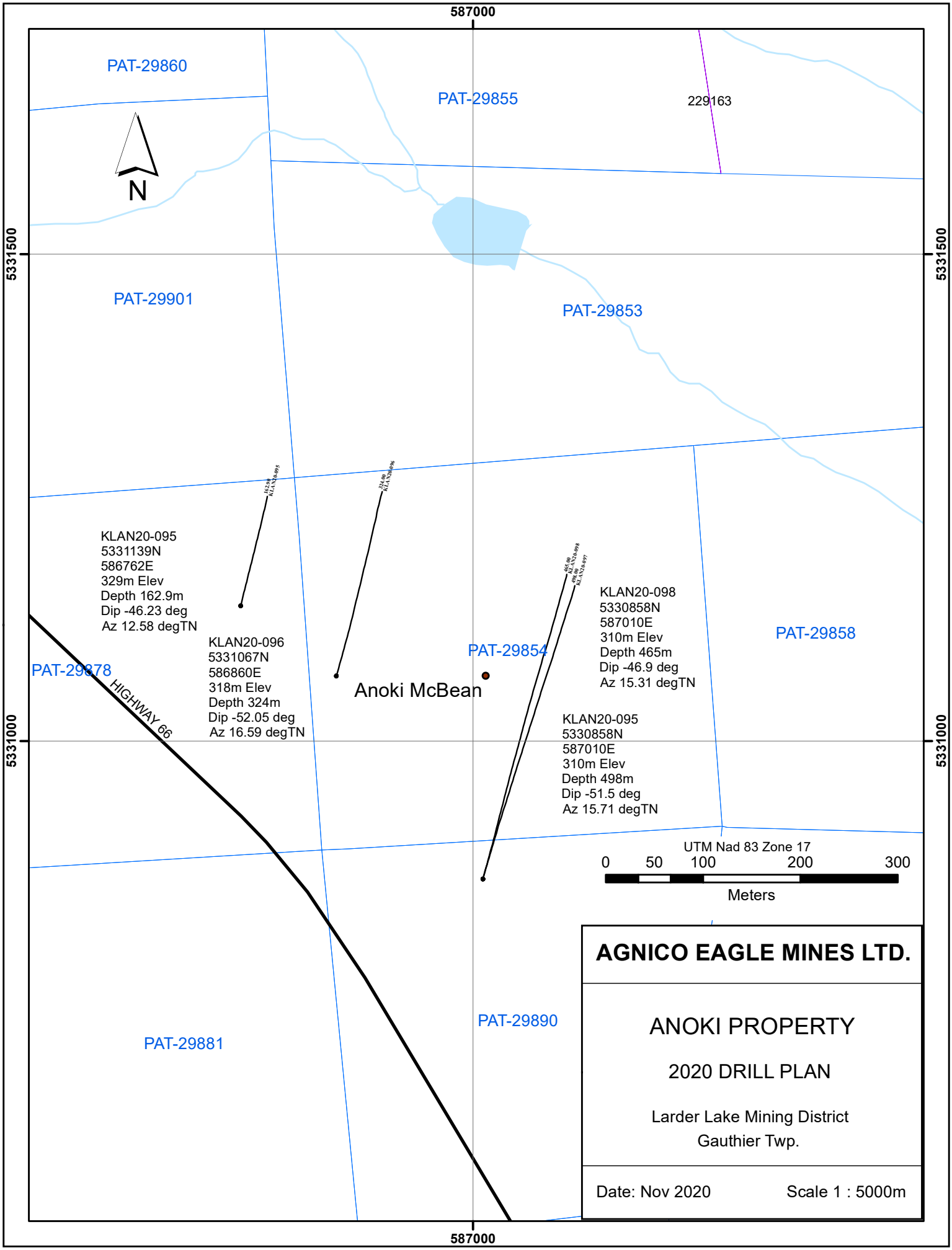
Dated at Dobie (ON) this 30th of March 2021.

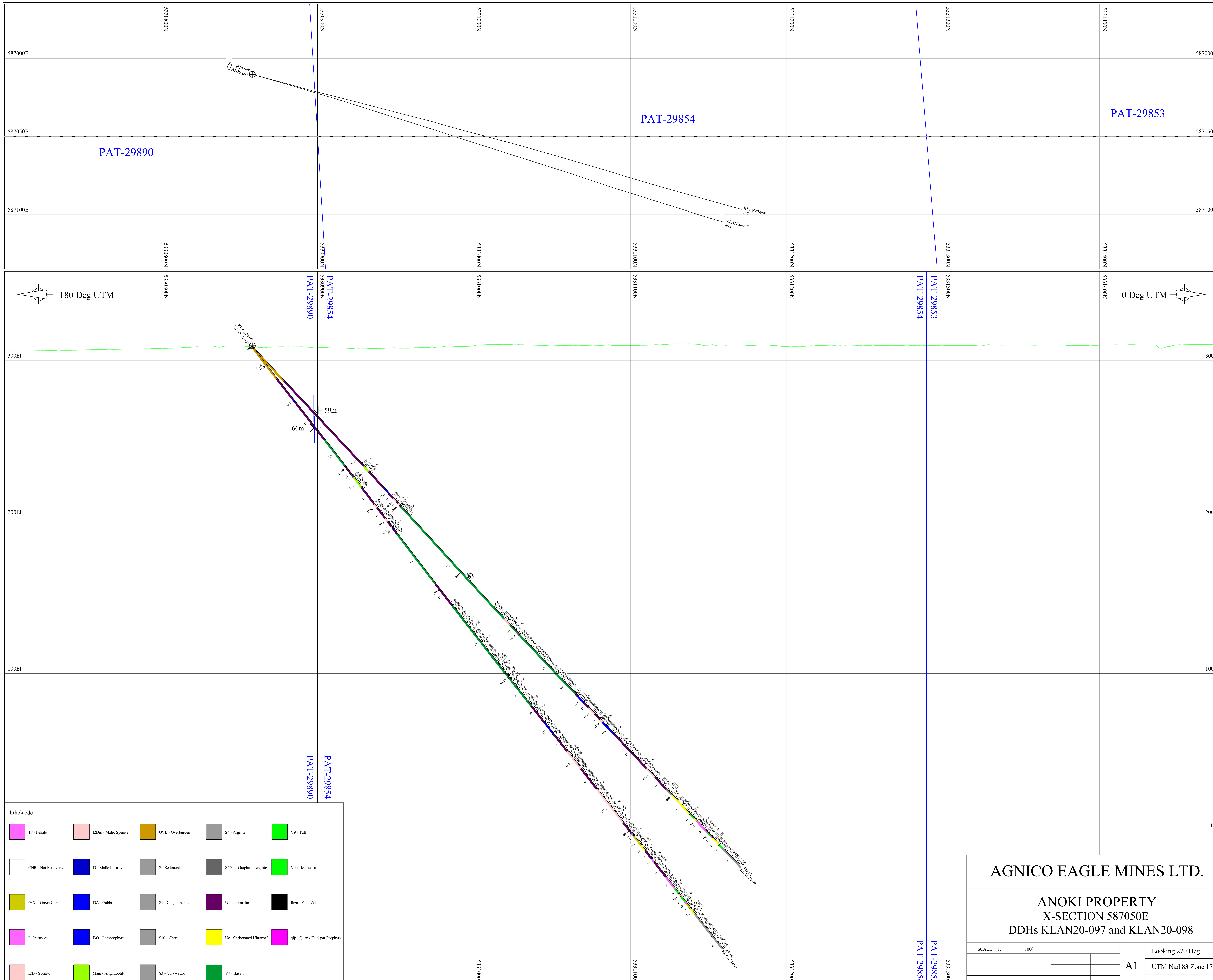
Mélanie L. Bouchard, P.Geo, PGO #3141

Table 7 - Summary of 2020 Anoki-McBean drilling program expenditures.

Anoki-McBean Property - 2020 Diamond Drilling Program					
Summary of Expenditures $CDN					
Company	**Category**	**Drill holes**	**Cost Pre-tax**	**Meters drilled**	**Cost per meter ($/m)**
Major	Drilling	KLAN20-095	$21,296.49	163.5	$130.25
		KLAN20-096	$28,379.77	324.0	$87.59
		KLAN20-097	$45,377.92	498.0	$91.12
		KLAN20-098	$41,892.19	465.0	$90.09
		Drilling Total	**$136,946.37**	**1,450.5**	
Company	**Category**	**Drill holes**	**Cost Pre-tax**		
CXS	Drill trails & pad clearing	KLAN20-095	$1,250.00		
		KLAN20-096	$1,250.00		
		KLAN20-097	$1,250.00		
		KLAN20-098	$1,250.00		
		Drilling preparation Total	**$5,000.00**		
Company	**Category**	**Drill holes**	**Cost Pre-tax**	**No. of samples**	**Cost per sample**
ALS Labs	Assaying	KLAN20-095	$1,858.31	97	$19.16
		KLAN20-096	$4,313.99	211	$20.45
		KLAN20-097	$7,393.03	342	$21.62
		KLAN20-098	$6,497.29	261	$24.89
		Assaying Total	**$20,062.62**	**911**	
Company	**Category**	**Sub-Category**	**Cost Pre-tax**		
AEM	Salaries	Geologist	$12,886.00		
		Surveying	$5,586.15		
		Technician	$7,444.08		
		Salaries Total	**$25,916.23**		
2020 Grand total			**$187,925.22**		

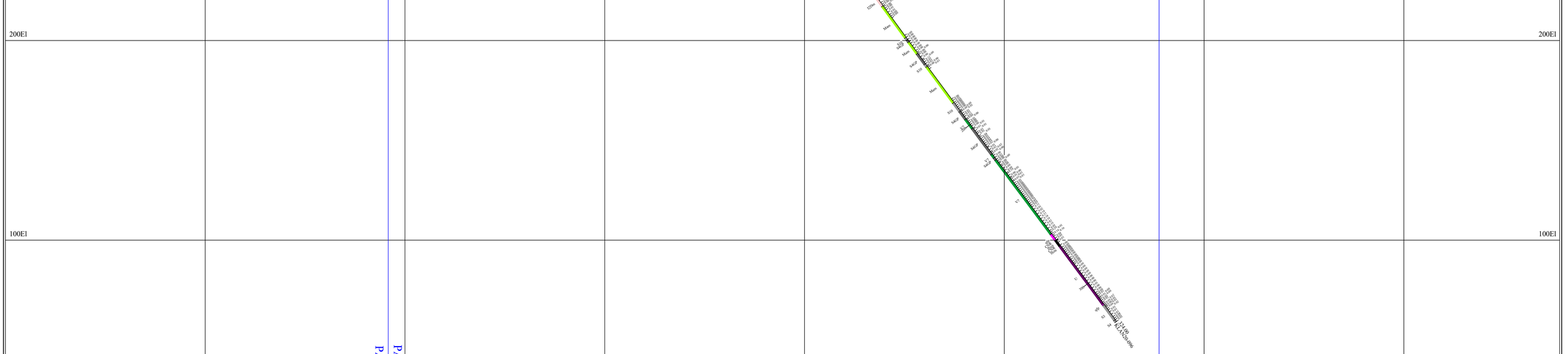
Appendix A –2020 Anoki Drill logs


587000
PAT-29860
PAT-29855
229163
N
5331500
PAT-29901
PAT-29853
KLAN20-095
5331139N
586762E
329m Elev
Depth 162.9m
Dip -46.23 deg
Az 12.58 degTN
KLAN20-096
5331067N
586860E
318m Elev
Depth 324m
Dip -52.05 deg
Az 16.59 degTN
Anoki McBean
PAT-29854
KLAN20-098
5330858N
587010E
310m Elev
Depth 465m
Dip -46.9 deg
Az 15.31 degTN
PAT-29858
PAT-29878
HIGHWAY 66
5331000
KLAN20-095
5330858N
587010E
310m Elev
Depth 498m
Dip -51.5 deg
Az 15.71 degTN
UTM Nad 83 Zone 17
0 50 100 200 300
Meters
PAT-29890
PAT-29881
587000
AGNICO EAGLE MINES LTD.
ANOKI PROPERTY
2020 DRILL PLAN
Larder Lake Mining District
Gauthier Twp.
Date: Nov 2020
Scale 1 : 5000m



AGNICO EAGLE MINES LTD.
ANOKI PROPERTY
X-SECTION 587050E
DDHs KLAN20-097 and KLAN20-098
SCALE 1: 1000
DATE 16-Nov-20
A1
Looking 270 Deg
UTM Nad 83 Zone 17
180 Deg UTM
0 Deg UTM
PAT-29890
PAT-29854
PAT-29853
587000E
587050E
587100E
5330800N
5330900N
5331000N
5331100N
5331200N
5331300N
5331400N
300El
200El
100El
0El
59m
66m
KLAN20-098
KLAN20-097
465
498
litho\code
1F - Felsite
CNR - Not Recovered
GCZ - Green Carb
I - Intrusive
I2D - Syenite
I2Dm - Mafic Syenite
I3 - Mafic Intrusive
I3A - Gabbro
I3O - Lamprophyre
Mam - Amphibolite
OVB - Overburden
S - Sediments
S1 - Conglomerate
S10 - Chert
S3 - Greywacke
S4 - Argilite
S4GP - Graphitic Argilite
U - Ultramafic
Uc - Carbonated Ultramafic
V7 - Basalt
V9 - Tuff
V9b - Mafic Tuff
fltzn - Fault Zone
qfp - Quartz Feldspar Porphyry

5330800N
5330900N
5331000N
5331100N
5331200N
5331300N
5331400N
586850E
586900E
586950E
PAT-29890
PAT-29854
PAT-29853
KLAN20-096
180 Deg UTM
0 Deg UTM
300El
200El
100El
0El



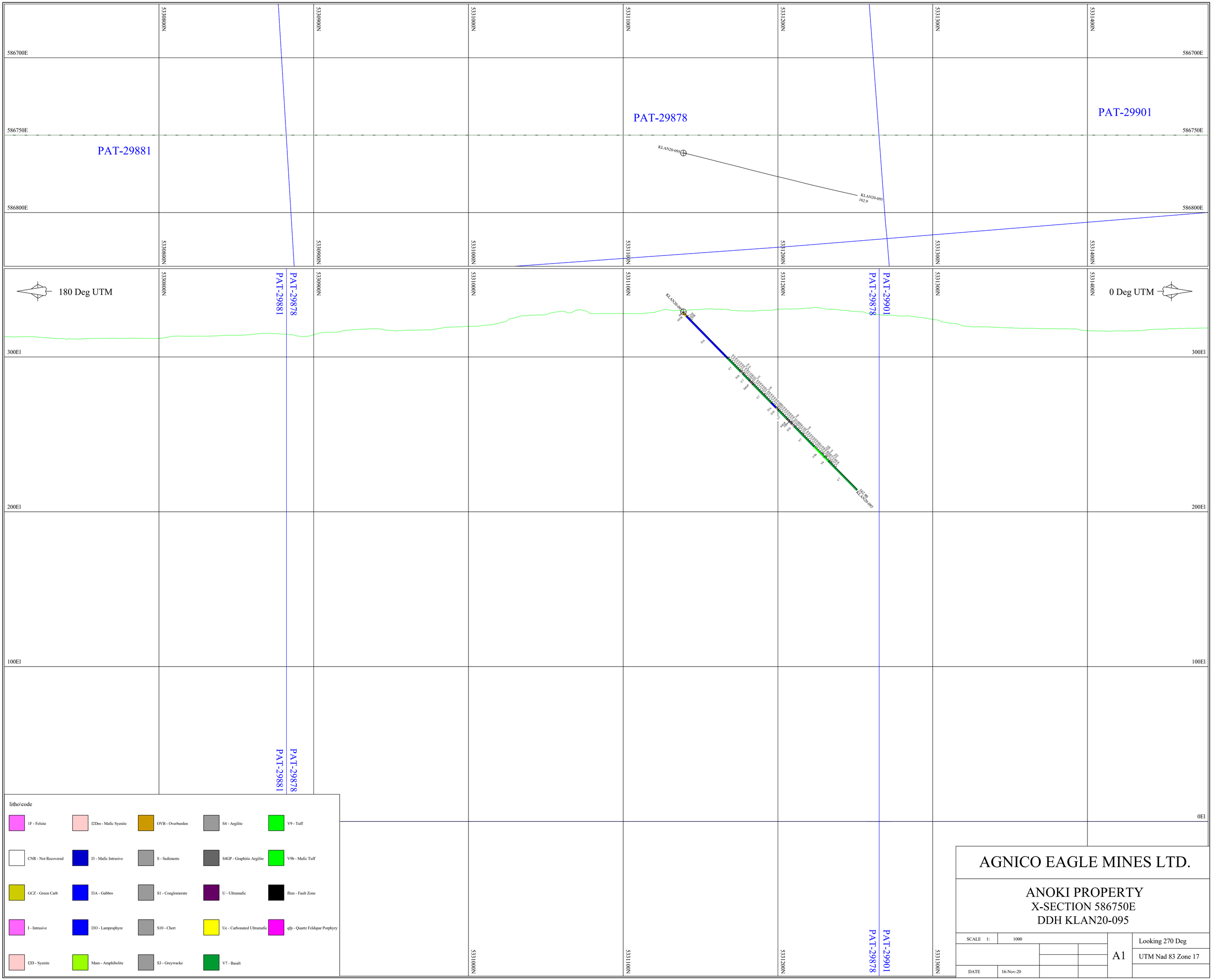
lithology\code

- 1F - Felsite
- I2Dm - Mafic Syenite
- OVB - Overburden
- S4 - Argilite
- V9 - Tuff
- CNR - Not Recovered
- I3 - Mafic Intrusive
- S - Sediments
- S4GP - Graphitic Argilite
- V9b - Mafic Tuff
- GCZ - Green Carb
- I3A - Gabbro
- S1 - Conglomerate
- U - Ultramafic
- fltzn - Fault Zone
- I - Intrusive
- I3O - Lamprophyre
- S10 - Chert
- Uc - Carbonated Ultramafic
- qfp - Quartz Feldspar Porphyry
- I2D - Syenite
- Mam - Amphibolite
- S3 - Greywacke
- V7 - Basalt

AGNICO EAGLE MINES LTD.

ANOKI PROPERTY
X-SECTION 586900E
DDH KLAN20-096

SCALE 1:	1000	A1	Looking 270 Deg
			UTM Nad 83 Zone 17
DATE	16-Nov-20		



AGNICO EAGLE MINES LTD.

ANOKI PROPERTY
X-SECTION 586750E
DDH KLAN20-095

SCALE 1:	1000	A1	Looking 270 Deg
			UTM Nad 83 Zone 17
DATE	16-Nov-20		

Appendix B – 2020 Anoki drill plan map and cross-sections

AGNICO EAGLE

DRILL HOLE REPORT

EXPLORATION CANADA
ONTARIO

Hole number: KLAN20-095 | **Project Number:** A_MCBEAN | **Project name:** ANOKI-MCBEAN

Historic hole number:		**Collar survey:**	Y	**From:**	0.0	**Coordinates:**	P
System:	METRIC	**Verified:**		**To:**	162.9	**Grid:**	UTM83-17_CSRS-2010:
Target:	A_MCBEAN	**Gas:**	N	**Depth:**	162.9	**North:**	5,331,138.90
No. Claim:	PAT-29878	**Multishot survey:**	N	**Location:**	Surface	**East:**	586,761.54
Year:	2 020	**Is making water:**	N	**Core storage:**	Mine Site	**Elevation:**	329.16
Date started:	2020-06-18	**Object in hole:**	N	**Contractor:**	Major Diamond Drilling	**Collar dip:**	-46.23
Date logged:	2020-06-18	**Pulse EM survey:**	N	**Logged by:**	Melanie Bouchard	**Collar azimuth:**	13.50
Date completed:	2020-06-22	**Plugged:**	Y	**Signature:**	Mélanie Bouchard		
Core size:	NQ	**Cemented:**	Y				
Hole type:	DDH	**Branch:**	N				
Casing:	Left in Hole, capped	**Reserve:**					
Logging status:	Signed						
Rig number:	0132						

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

Comment: Proposed hole: KLANP-5. Major drill rig: 132. Stabilisation = 1x 3m Hex core barrel and 1x 18inch shell. Testing upwards stepout of 50m above main Anoki zone and nose of interpreted folded chert. Logged by Laura Quintini and overseen by M.Bouchard.

Survey data

Depth	Azimuth dec.	Dip dec.	Type	Flag	Comments
0.0	12.57	-45.41	GC		Devialigner reading at setup
8.0	13.62	-44.64	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
32.0	14.36	-44.71	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
56.0	14.75	-44.72	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
80.0	14.02	-44.70	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
104.0	14.16	-44.76	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
128.0	12.95	-44.65	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
152.0	12.23	-44.62	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
0.0	12.58	-46.23	S	O	Surveyed collar direction
20.0	14.19	-44.67	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
44.0	13.92	-44.71	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
68.0	14.06	-44.66	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
92.0	13.17	-44.85	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
116.0	14.00	-44.67	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
140.0	13.10	-44.61	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
158.0	13.33	-44.72	G	O	Champ Navigator North Seeking Single Shot Mode, by Major

Hole number: KLAN20-095

Certificate
TM20132445
TM20134149

Sample dispatch	Lab package	Sample list*
CXE5505D20-02	Excaon1	CAOND150331 - CAOND150350 CAOND150356 - CAOND150358
CXE5505D20-03	Excaon1	CAOND150351 - CAOND150355 CAOND150359 - CAOND150427

*The sample list may content samples from other holes

Sample number	Standard
CAOND150345	CDN-CM-28-AEM
CAOND150360	CDN-CM-27-AEM
CAOND150370	BLANK-DB
CAOND150375	CDN-CM-18-AEM
CAOND150390	CDN-CM-28-AEM
CAOND150415	CDN-CM-27-AEM
CAOND150420	BLANK-DB

Major: **From:** 0.00 **To:** 3.50 OVB, Overburden

Overburden

Major: **From:** 3.50 **To:** 41.90 I3A, Gabbro

Dark massive dark grey-green mg amphibolephyric gabbro. The rock is most of the time isogranular with elongated shape for the minerals. It shows sharp contacts with the surrounding lithologies. Few intervals show more aphanitic texture - basaltic composition. Gabbro is cross-cut by some small cm to dcm basalts with aphanitic texture. Some of these basaltic dyke have gabbro xenoliths. The gabbro unit is altered with weak patchy Chl (pervasive and veinelets), weak to moderate pervasive Mt and weak disseminated Lx. The unit shows 1% of small barren mms Cb-Ep veinelets and 2% of mm Cb-Qtz-(Chlo) veinelets. It is cross-cutting by veins mainly composed of Qtz-Cb or Cb-Qtz +\-Chl\Axinite\KFS with variable amount of Py. 1% background Fg to mg disseminated or clusters of Py from top to bottom. Some sharp aligned cms zones of higher percentage of disseminated Py (5%) are also present at direct vicinity of somme Cb-Qtz-(Chlo) veinelets.

MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

5.00, 6.50, PYR, DIS, 3.00, GRY2_BASIC, FGR, Interval with disseminated fg Py found as sharp cms haloes around Qtz-Cb-(Chl) mm to cm veins

13.00, 14.00, PYR, DIS, 2.00, GRY2_BASIC, FGR, Interval with disseminated fg Py found as sharp cms haloes around Qtz-Cb-(Chl) mm to cm veins

29.70, 30.00, PYR, DIS, 3.00, GRY2_BASIC, MGR, Interval with 3% of mg to cg euhedral disseminated Py

ALTERATION

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

3.50, 9.10, MAG+, PEN, MOD, RED_00001, APH, -, Weak to moderated pervasive Mt alteration variable in intensity within the I3A.

3.50, 41.90, CHL+, PAT, WEAK, GRN2_BASIC, APH, -, Weak patchy chl alteration from top to bottom. Occurs mostly as pervasive alteration but can also be find as small mm veinelets associated or not the Qtz-Cb-Py veins.

9.10, 41.90, MAG+, PEN, WEAK, RED_00001, APH, -, Weak pervasive alteration throughout. Variable in intensity with some small moderated localised alteration.

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150356	4.0	5.5	1.5	0.043				
			This sample has been added afterwards to sample a vein and its shoulders.					
CAOND150357	5.5	6.4	0.9	0.054				
			This sample has been added afterwards to sample a vein and its shoulders.					
CAOND150358	6.4	7.5	1.1	0.003				
			This sample has been added afterwards to sample a vein and its shoulders.					

Hole number: KLAN20-095

9.40, 17.00, LCX+, DIS, WEAK, GRY_00025, FGR, -, Weak to traces of fg Lx within the gabbro.
20.20, 21.30, EPD+, FRF, WEAK, GRN2_BASIC, APH, -, Weak epidote alteration associated with 1% of small mm Cb veinelets.
30.80, 37.30, EPD+, FRF, WEAK, GRN2_BASIC, APH, -, Weak epidote alteration associated with 1% of small mm Cb veinelets.

STRUCTURE

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
27.10, 27.30, FOL, WEAK, 80.00, -, -, -, Weak foliation showed by the alignement of ff chlo veinelets and Cb-Qtz-Cho-Py veines.

VEIN

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
5.00, 6.50, QtzCbtChl, 10.00, 75.00, -, -, -, GRY_00025, -, SHT, PYR, 3.00, This interval is composed of several mm to cms Qtz-Cb-(Chl) veins with 3% of pyrite. Pyrite is fg to mg and disseminated. It is find at the edges of the veins and form a sharp straight haloe around the veins and veinelets. Veins are mainly at 60-75 deg.
10.63, 10.73, QtzCbtChl, 100.00, 30.00, -, -, -, GRY_00025, -, LAM, PYR, .50, Laminated Cb-Ax-Chl-Qtz-Py vein with traces of fg disseminated Py. Laminated poorly visible.
14.49, 14.68, QtzCbtChl, 25.00, -, -, -, -, GRY_00025, -, MAS, PYR, 3.00, Interval composed of two 1-2cm Cb-Qtz-Chl-(Py) veins with variable angle - The first one as 80 deg angle and shows fg to mg Py whereas the second one has no Py and has 40 deg angle.
19.20, 19.21, QtzCbtChl, 100.00, 70.00, -, -, -, GRY_00025, -, FRF, PYR, 2.00, Massive ff Qtz-Cb-Chl-Py vein. Py found as mg clusters.
20.20, 21.30, EpdCal, 1.00, -, -, -, -, GRN2_BASIC, -, FRF, -, -, Barren mm Cb-Ep veinelets
25.76, 25.82, QtzCbtChl, 100.00, 50.00, -, -, -, GRY_00025, -, LAM, PYR, .50, Laminated cms Qtz-Cb-Chl-Py vein. Disseminated fg Py.
26.19, 26.22, QtzCbtChl, 70.00, 60.00, -, -, -, GRY_00025, -, IRR, PYR, 2.00, Irregular poorly laminated Cb-Chl-Qtz-Py vein variable in width. Py as fg to mg and disseminated
27.10, 27.30, QtzCbtChl, 80.00, 15.00, -, -, -, GRY_00025, -, SHT, PYR, 1.00, Sheeted mm Cb-Qtz-Chl-Py veins along folliation. 1 % fg disseminated Py
30.80, 37.30, EpdCal, 1.00, -, -, -, -, GRN2_BASIC, -, FRF, -, -, Barren mm Cb-Ep veinelets
31.11, 31.17, QtzCbt, 60.00, -, -, -, -, GRY_00025, -, IRR, -, -, Very irreg Cb-Qtz vein. No sulphides.
32.08, 32.10, QtzCbtChl, 100.00, 80.00, -, -, -, GRY_00025, -, BAN, -, -, Well banded barren Qtz-CB-Chl vein
37.94, 37.98, QTZ, 100.00, 30.00, -, -, -, RED2_BASIC, -, MAS, PYR, .50, cm massive Qtz-Cb-KFeld-Py vein variable in width. Traces of fg to mg disseminated Py

Major: **From:** 41.90 **To:** 54.10 V7, BASALTE

Dark massive dark grey-green aphanic basalt. Few intervals show fg textures. Contacts with the surrounding lithologies are sharp. The unit is altered with weak patchy Chl (pervasive and veinelets), weak pervasive Mt, weak to moderated albite altn found as haloes around fractures. The unit is cross

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150331	42.5	44.0	1.5	0.003				

The sample serie starts here.

Hole number: KLAN20-095

cut by 2% of mm to cm Qtz-Cb veinelets. Also cross cut by Qtz-Cb-(Chl)-(Py) cms veins.1% background Fg to cg disseminated or clusters of Py from top to bottom. Some intervals with moderated foliation.

ALTERATION

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

41.90, 54.10, CHL+, PAT, WEAK, GRN2_BASIC, APH, -, Weak patchy chl alteration from top to bottom. Occurs mostly as pervasive alteration but can also be find as small mm veinelets associated or not the Qtz-Cb-Py veins.

41.90, 53.00, MAG+, PEN, WEAK, RED_00001, APH, -, Weak pervasive alteration throughout. Variable in intensity with some small moderated localised alteration.

42.60, 46.50, ALB+, HAL, WEAK, PNK2_BASIC, APH, -, Weak albite alteration visible as haloes around Cb-Qtz mm veinelets and fractures.

46.50, 49.00, ALB+, HAL, MOD, PNK2_BASIC, APH, -, Well visible albite alteration visible as haloes around Cb-Qtz mm veinelets and fractures. Haloes are cm to cms.

STRUCTURE

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

42.20, 42.60, FOL, MOD, 50.00, -, -, -, Well visible moderated foliation.

48.65, 49.20, FOL, MOD, 80.00, -, -, -, Well visible moderated foliation.

54.00, 54.10, FOL, WEAK, 60.00, -, -, -, Weak foliation visible thanks to the alignement of cherts elements within the basalt.

VEIN

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

43.92, 43.94, QtzChl, 100.00, 75.00, -, -, -, GRY_00025, -, BAN, PYR, .50, cm well banded Qtz-Chl-Py vein with Py as trace and as fg to mg disseminated grains

45.05, 45.30, QtzCbtChl, 25.00, 50.00, -, -, -, GRY_00025, -, MAS, PYR, .50, Interval composed of two sheeted massive Qtz-Cb-Chl-(Py) veins variable in width. Traces of mg disseminated Py.

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150332	44.0	45.5	1.5	0.003				
CAOND150333	45.5	47.0	1.5	0.003				
CAOND150334	47.0	48.5	1.5	0.005				
CAOND150335	48.5	50.0	1.5	0.029				
CAOND150336	50.0	51.5	1.5	0.003				
CAOND150337	51.5	53.0	1.5	0.003				
CAOND150338	53.0	54.1	1.1	0.003				

Major: **From:** 54.10 **To:** 56.50 S10, Chert

Interval composed of two small chert interval within V7. The unit shows 1% background of fg to mg disseminated Py. The first chert interval can be found between 54.1 and 54.7 - Chert composed only 60% on the interval due to alterning with V7 - Chert is beige-cream color with aphanitic texture but can also be found as grey aphanitic interval with more hardness than the surrounding V7 - Chert is found as sherds that show weak to moderated foliation. The second chert interval is between 56.1 and 56.4m - It has beige-creamy color with aphanitic texture - Contacts are sharp with the surrounding lithologies - Shows moderated to strong foliation

MINOR INTERVAL

54.70 - 56.10: V7Dark grey-black aphanitic to very fine grain basalt without any structure. Contacts are sharp with the surrounding lithologies. The unit is altered with weak patchy Chl (pervasive and veinelets). The unit is cross cut by by 2% of mm to cm Qtz-Cb veinelets. Presence of a 3cm wide smokey Qtz-Cb-Chl-Py. 1 % background of Fg to Mg Py.

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150339	54.1	54.8	0.7	0.003				
CAOND150340	54.8	56.0	1.2	0.003				
CAOND150341	56.0	56.5	0.5	0.013				

Hole number: KLAN20-095

MINOR INTERVAL

56.40 - 56.50: V7Small interval of (10cm) of black-dark green aphanitic basalt with 20% of Py stockwork that creates a moderated foliation. The unit has sharp contacts and shows a shredded 1cm piece of S10. Units shows also weak patchy alteration (pervasive and veinelets). Some magnetic oxidized iron replaces Py (Py alteration) in one shoulder of the unit.

MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

56.40, 56.50, PYR, STG, 20.00, GRY2_BASIC, FGR, 10 cm interval with 20%of Py - Py as stringers along 60 deg foliation.

ALTERATION

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

54.10, 56.50, CHL+, PAT, WEAK, GRN2_BASIC, APH, -, Weak patchy chl alteration from top to bottom. Occurs mostly as pervasive alteration but can also be find as small mm veinelets associated or not the Qtz-Cb-Py veins.

STRUCTURE

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

54.10, 55.00, FOL, WEAK, 60.00, -, -, -, Weak foliation visible thanks to the alignement of cherts elements within the basalt.
56.10, 56.50, FOL, MOD, 60.00, -, -, -, Weak to moderate foliation within the Chert.

VEIN

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

55.00, 55.03, QtzCbtChl, 100.00, 45.00, -, -, -, GRY2_BASIC, -, MAS, PYR, 1.00, massive cms sharp Smokey-Qtz-Cb-Chl-Py. Disseminated 1% mg Py.
56.40, 56.50, PYR, 100.00, 60.00, -, -, -, GRY2_BASIC, -, STG, PYR, 20.00, 10 cm interval with 20%of Py - Py as stringers along 60 deg foliation.

Major: **From:** 56.50 **To:** 62.50 V7, BASALTE

Dark massive dark grey aphanic basalt. Contacts with the surrounding lithologies are sharp. The unit is altered with weak patchy Chl (pervasive and veinelets), weak patchy Ser, weak to moderated albite altn found as haloes around fractures. The unit is cross cut by 2% of mm to 1cm Qtz-Cb veinelets. Also cross cut by Qtz-Cb-Chl-Py 2 cms vein. 1% background Fg to cg disseminated or clusters of Py from top to bottom.Py also found as ff.

MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

57.70, 62.50, PYR, VNT, 2.00, GRY2_BASIC, FGR, fg mm veinelets of Py find only associated with albite altn.

ALTERATION

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150342	56.5	57.5	1.0	0.003				
CAOND150343	57.5	59.0	1.5	0.009				
CAOND150344	59.0	60.5	1.5	0.007				
CAOND150346	60.5	61.6	1.1	0.019				
CAOND150347	61.6	62.5	0.9	0.011				

Hole number: KLAN20-095

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
56.50, 62.50, CHL+, PAT, WEAK, GRN2_BASIC, APH, -, Weak patchy chl alteration from top to bottom. Occurs mostly as pervasive alteration but can also be find as small mm veinelets associated or not the Qtz-Cb-Py veins.
57.70, 60.80, ALB+, HAL, WEAK, PNK2_BASIC, APH, -, Weak albite alteration visible as haloes around Cb-Qtz mm veinelets and fractures.
60.80, 62.50, ALB+, HAL, MOD, PNK2_BASIC, APH, -, Well visible albite alteration visible as haloes around Cb-Qtz mm veinelets and fractures. Haloes are cm to cms.
61.00, 62.00, SER+, PAT, WEAK, GRN2_BASIC, APH, -, Weak patchy Ser altn associated with an interval of moderated haloes of albite around Cb-Qtz veinelets and fractures.

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
56.59, 56.65, QtzCbtChl, 100.00, 20.00, -, -, -, GRY_00025, -, MAS, PYR, 2.00, Massive Cb-Qtz-Chl-Py vein with dissolution texture (for Cb). Disseminated Py clusters.

Major: **From:** 62.50 **To:** 65.80 S4GP, Argillite noire graphiteuse cisaillée et faillée intercalée

Black aphanitic rock with graphite content (black chalky touch\trace). Soft to scratch. Unit with 3% of fg to mg Py clusters. Py can be found as ff or as disseminated. Contacts are sharp. No alteration found. Presence of some harder grey aphanitic rocks that are alternating with the S4GP - These rocks have sharp but no straigth contacts - basaltic xenoliths. The unit shows a 17 cm wide Cb-Qtz-Chl-Hem-Py sheared vein that shows fragments of V7 and S4GP.

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150348	62.5	64.0	1.5	0.006				
CAOND150349	64.0	64.8	0.8	0.006				
CAOND150351	64.8	65.8	1.0	0.009				

MINERALIZATION
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
62.50, 65.80, PYR, DIS, 3.00, GRY2_BASIC, FGR, 3% of disseminated Py find in the S4GP. Py is mainly fg but some mg can be found. Py grains often form clusters that are aligned and parallel.

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
64.80, 64.90, GGE, TRACE, 75.00, -, -, -, Some red gouge in a 10 cm intervals of rubbles.
65.00, 65.23, FOL, MOD, 70.00, -, -, -, Shows by sheared elements within Cb-Qtz-Chl-Hem-Py vein.

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
65.00, 65.23, QtzCbtChl, 30.00, 80.00, -, -, -, GRY_00025, -, SHR, PYR, 5.00, Interval with mm to cm Cb-Qtz-Chl-Hem-Py veins completely sheared along 70-80 deg foliation. Alternating with V7 and S4GP elongated shreds. Disseminated fg py clusters.

Major: **From:** 65.80 **To:** 83.00 V7, BASALTE

Dark massive dark grey-green aphanic basalt. Few intervals show fg textures. Contacts with the surrounding lithologies are sharp. The unit is altered with weak patchy Chl (pervasive and veinelets)

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150352	65.8	67.0	1.2	0.003				

Hole number: KLAN20-095

and weak pervasive Mt. The unit is cross cut by 2% of mm to cm Qtz-Cb veinelets and cm-cms Qtz-Cb-Chl-Py veins. Also cross cut by Cb-Chl-Py cms veins.1% background Fg to mg disseminated or clusters of Py from top to bottom. Py can also be found as ff.

MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

71.50, 72.70, PYR, HAL, 3.00, GRY2_BASIC, MGR, Interval with fg to mg disseminated Py that occurs as haloes around mms Qtz-Cb veinelets. Haloes from mms to 3cm.

ALTERATION

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

65.80, 83.00, CHL+, PAT, WEAK, GRN2_BASIC, APH, -, Weak patchy chl alteration from top to bottom. Occurs mostly as pervasive alteration but can also be find as small mm veinelets associated or not the Qtz-Cb-Py veins.

69.60, 83.00, MAG+, PEN, WEAK, RED_00001, APH, -, Weak pervasive alteration throughout. Variable in intensity with some small moderated localised alteration.

STRUCTURE

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

69.40, 70.00, FOL, TRACE, 65.00, -, -, -, Traces of foliation within V7.

VEIN

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

67.70, 67.74, CBT, 100.00, 75.00, -, -, -, GRY_00025, -, LAM, PYR, .50, Massive Cb-Chl-Py vein with poorly laminated texture. Traces of fg disseminated Py.

75.59, 75.75, QtzCbtChl, 20.00, 90.00, -, -, -, GRY_00025, -, IRR, PYR, 2.00, Interval composed of irregular to massive mms to cms Cb-Qtz-Chl-Py veins. Py is disseminated and find as fg.

80.31, 80.35, QtzCbtChl, 100.00, 85.00, -, -, -, GRY_00025, -, MAS, PYR, .50, Massive Qtz-Cb-Chl vein with traces of fg disseminated Py.

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150353	67.0	68.5	1.5	0.003				
CAOND150354	68.5	70.0	1.5	0.003				
CAOND150355	70.0	71.5	1.5	0.003				
CAOND150359	71.5	73.0	1.5	0.048				
CAOND150361	73.0	74.0	1.0	0.003				
CAOND150362	74.0	75.5	1.5	0.005				
CAOND150363	75.5	76.0	0.5	0.003				
CAOND150364	76.0	77.0	1.0	0.003				
CAOND150365	77.0	78.5	1.5	0.003				
CAOND150366	78.5	80.0	1.5	0.003				
CAOND150367	80.0	81.5	1.5	0.003				
CAOND150368	81.5	83.0	1.5	0.003				

Major: **From:** 83.00 **To:** 87.20 I3A, Gabbro

Dark grey-green massive isogranular mg amphibolephyric gabbro. Contacts whith the surrounding lithologies are sharp. The units shows weak patchy chl altn in the background (both perasive and as veinelets) and weak perv Mt altn. The unit is cross-cut by mm to cms Qtz-Cb-Chl-Py veins and by 2% of small mm Cb-(Qtz)-Chl veins. The unit has a 1% dissimenated fg to mg background.

MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

85.90, 86.83, PYR, HAL, 3.00, GRY2_BASIC, MGR, Interval with Qtz-Cb-Chlo-Py mm to cm veins. Py occurs inside the veins and mostly as cms haloes around the veins

ALTERATION

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

83.00, 87.20, CHL+, PAT, WEAK, GRN2_BASIC, APH, -, Weak patchy chl alteration from top to bottom.

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150369	83.0	84.5	1.5	0.003				
CAOND150371	84.5	85.8	1.3	0.003				
CAOND150372	85.8	87.2	1.4	0.005				

Hole number: KLAN20-095

Occurs mostly as pervasive alteration but can also be find as small mm veinelets associated or not the Qtz-Cb-Py veins.
83.00, 87.20, MAG+, PEN, WEAK, RED_00001, APH, -, Weak pervasive alteration throughout. Variable in intensity with some small moderated localised alteration.

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COM
NTS
83.50, 83.59, QtzCbtChl, 30.00, 80.00, -, -, -, GRY_00025, -, LAM, PYR, 1.00, Poorly Qtz-Cb-Chl-Py vein with 1% fg to mg disseminated Py.
85.90, 87.20, QtzCbtChl, 20.00, 55.00, -, -, -, GRY_00025, -, IRR, PYR, 3.00, Interval composed of two Qtz-Cb-Chl-Py vein intervals. Veines are irregulars mm to cms. Can have brecciated texture-veins are between the clasts. Veins can also by ff type. Py as fg to mg and disseminated. Py is inside the vein and outside -form haloes

Major: **From:** 87.20 **To:** 89.30 S10, Chert

Brow-grey glassy aphanitic rock. The unit is silicified - hard to scratch. No visible veins. fg 1% disseminated Py in the background. The unit show cms intervals with fg sediments that have higher content of disseminated Py and some Py ff (More porous rock that allows hydro fluids to preferentially pass) : up to 2%.

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COM
NTS
87.20, 87.53, QtzCbtChl, 20.00, 55.00, -, -, -, GRY_00025, -, IRR, PYR, 3.00, Interval composed of two Qtz-Cb-Chl-Py vein intervals. Veines are irregulars mm to cms. Can have brecciated texture-veins are between the clasts. Veins can also by ff type. Py as fg to mg and disseminated. Py is inside the vein and outside -form haloes

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150373	87.2	88.1	0.9	0.003				
CAOND150374	88.1	89.3	1.2	0.003				

Major: **From:** 89.30 **To:** 97.90 V7, BASALTE

Massive grey-green basalt. Texture is very variable - aphanitic to mg due to areas with gabbroic texture. Where aphanitic texture it appears that some agmidules are present. Contacts with the surrounding lithologies are sharp. Altered with background weak patchy Chl altn (pervasive and veinelets). The unit is cross cut by 2% of mm to cm Qtz-Cb veinelets. Also cross cut by cms Cb-Qtz-Chl-Py veins. 1% background fg to mg disseminated and ff Py. The unit shows interposed cms pieces of cherts horizons and a cms graphitic argilite (S4GP) horizon.

MINOR INTERVAL
96.93 - 97.01: S4GPGraphitic argilite horizons inside V7. Sharp contacts.

MINOR INTERVAL
97.38 - 97.44: S10S10 horizon inside V7. Sharp contacts.

MINOR INTERVAL
97.70 - 97.90: S10Zone with interposed cms pieces of cherts horizons - 80% of chert

MINERALIZATION

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150376	89.3	90.5	1.2	0.005				
CAOND150377	90.5	92.0	1.5	0.003				
CAOND150378	92.0	93.5	1.5	0.003				
CAOND150379	93.5	95.0	1.5	0.003				
CAOND150381	95.0	96.5	1.5	0.003				
CAOND150382	96.5	97.9	1.4	0.003				

Hole number: KLAN20-095

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
97.00, 97.90, PYR, FRF, 2.00, GRY2_BASIC, FGR, Interval within V7 and cherts with mm ff Py and mg disseminated euhedral Py

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
89.30, 97.90, CHL+, PAT, WEAK, GRN2_BASIC, APH, -, Weak patchy chl alteration from top to bottom. Occurs mostly as pervasive alteration but can also be find as small mm veinelets.

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
97.80, 97.90, BED, MOD, 65.00, -, -, -, Well visible bedding inside S10 and S4GP. Py mineralizations along the bedding.

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
92.14, 92.55, QtzCbtChl, 20.00, -, -, -, -, GRY_00025, -, FRF, PYR, 1.00, Interval composed of 3 cms ff Cb-Qtz-Chl-Py veins with different orientation. 1% disseminated fg Py as haloes
94.95, 94.97, CBT, 100.00, 60.00, -, -, -, GRN2_BASIC, -, BRC, PYR, .50, ff Cb-Chl-Py vein. Py as cg clusters. Brecciated aspect with the same amount of Cb and Chl that are veinelets.

Major: **From:** 97.90 **To:** 102.10 S4GP, Argillite noire graphiteuse cisaillée et faillée intercalée

Black aphanitic rock with graphite content (black chalky touch\trace). Soft to scratch. Contacts with the surrounding lithologies are sharp. Units shows high content (5%) of parallel bedding (65 deg) Py-These alignments are made of fg to mg Py but some intervals show semi-massive Py veins- These Py veins can reach up to 2 cm. No alteration. Unit shows interposed cms cherty horizons. Unit with 3% of fg to mg Py clusters. Py can be found as ff or as disseminated. Contacts are sharp. No alteration found. The unit shows a 17 cm wide Cb-Qtz-Chl-Hem-Py sheared vein that shows fragments of V7 and S4GP.

MINOR INTERVAL
100.85 - 101.30: S10S10 horizon inside S4GP. Contacts are diffuse.

MINERALIZATION
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
98.50, 98.75, PYR, SMA, 5.00, GRY2_BASIC, FGR, Interval with parallel bedding semi massive mm Py veins
99.90, 100.10, PYR, SMA, 10.00, GRY2_BASIC, FGR, Interval with parallel bedding semi massive cm veins inside S4GP. Some veins have boudinage aspect
101.30, 102.10, PYR, SMA, 10.00, GRY2_BASIC, FGR, Interval with several cm semi massive Py veins that are parallel to bedding.

STRUCTURE

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150383	97.9	99.3	1.4	0.003				
CAOND150384	99.3	100.8	1.5	0.003				
CAOND150385	100.8	101.3	0.5	0.003				
CAOND150386	101.3	102.1	0.8	0.011				

Hole number: KLAN20-095

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
97.90, 102.10, BED, MOD, 65.00, -, -, -, Well visible bedding inside S10 and S4GP. Py mineralizations along the bedding.

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
98.50, 98.75, PYR, 10.00, 65.00, -, -, -, GRY2_BASIC, -, SHT, PYR, 5.00, Interval with parallel bedding semi massive mm Py veins inside S4GP
99.90, 100.10, PYR, 15.00, 65.00, -, -, -, GRY2_BASIC, -, SHT, PYR, 10.00, Interval with parallel bedding semi massive cm Py veins inside S4GP
101.30, 102.10, PYR, 15.00, 65.00, -, -, -, GRY2_BASIC, -, SHT, PYR, 10.00, Interval with parallel bedding semi massive cm Py veins inside S4GP and S10

Major: **From:** 102.10 **To:** 104.70 S10, Chert

Brow-grey to beige glassy aphanitic rock. The unit is silicified - hard to scratch. Sharp contacts. The unit show cms intervals with fg sediments that have high Py content (5%) - there, Py is disseminated (fg to mg) or semi-massive parrallel bedding cm veins. Weak to mod 65 bedding.

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150387	102.1	103.5	1.4	0.009				
CAOND150388	103.5	104.7	1.2	0.009				

MINERALIZATION
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
102.10, 102.25, PYR, SMA, 10.00, GRY2_BASIC, FGR, Interval with several cm semi massive Py veins that are parallel to bedding.
102.80, 104.70, PYR, SMA, 10.00, GRY2_BASIC, FGR, Several cms intervals with fg disseminated Py related to sedimentary intervals within cherts. Py is semi massive parallel bedding vein or it can also be disseminated

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
102.10, 104.70, BED, MOD, 65.00, -, -, -, Well visible bedding inside S10 and S4GP. Py mineralizations along the bedding.

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
102.10, 102.25, PYR, 15.00, 65.00, -, -, -, GRY2_BASIC, -, SHT, PYR, 10.00, Interval with parallel bedding semi massive cm Py veins inside S4GP and S10
102.80, 104.70, PYR, 15.00, 65.00, -, -, -, GRY2_BASIC, -, SHT, PYR, 10.00, Several cms intervals with fg disseminated Py related to sedimentary intervals within cherts. Py is semi massive parallel bedding vein or it can also be disseminated

Major: **From:** 104.70 **To:** 122.80 V7, BASALTE

Grey-green aphanitic to very fine grain basalt without any apparent structure. Contacts are sharp with the surrounding lithologies. The unit is background altered with weak patchy Chl (pervasive and

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150389	104.7	105.5	0.8	0.003				

Hole number: KLAN20-095

veinelets) and starts to be weakly Mt around 120m. The unit is cross cut by by 2% of mm to cm Qtz-Cb-(Chl) veinelets. Also cross-cut by cms (Qtz)-Cb-Chl-KFS-Py and Cb-Chl-Py veins. Small cms interval around 116m with mod 80 deg folliation. 1 % background of fg disseminated Py.

ALTERATION

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

104.70, 122.80, CHL+, PAT, WEAK, GRN2_BASIC, APH, -, Weak patchy chl alteration from top to bottom. Occurs mostly as pervasive alteration but can also be find as small mm veinelets.
120.50, 122.80, MAG+, PEN, WEAK, RED_00001, APH, -, Weak pervasive Mt altn from top to bottom. Highly variable in intensity - can be moderated in some small localised intervals.

STRUCTURE

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

115.85, 116.02, FOL, STRONG, 80.00, -, -, -, Strong foliation inside Cb-KFS-Chl-Py vein.

VEIN

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

107.40, 107.53, QtzCbtChl, 60.00, 55.00, -, -, -, GRY_00025, -, IRM, PYR, 2.00, Irregular Qtz-Cb-Chl-KFS-Py vein with Chl as stringers. 2% fg to mg Py that occur as haloes around the vein
112.07, 112.25, CBT, 10.00, 60.00, -, -, -, GRY_00025, -, LAM, PYR, 2.00, Very fine laminated veins with Cb-Chl-KFS-Py composition. Disseminated fg Py
115.85, 116.02, CBT, 20.00, 80.00, -, -, -, PNK2_BASIC, -, LAM, PYR, 2.00, Very fine laminated parallel to the foliation veins with Cb-Chl-KFS-Py composition. Disseminated fg Py.
120.76, 120.83, CBT, 20.00, 75.00, -, -, -, GRY_00025, -, STG, PYR, .50, Cb-Chl-Py mm to cm stringers to laminated vein. Traces of fg disseminated Py

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150391	105.5	107.0	1.5	0.003				
CAOND150392	107.0	108.0	1.0	0.003				
CAOND150393	108.0	109.5	1.5	0.005				
CAOND150394	109.5	111.0	1.5	0.003				
CAOND150395	111.0	112.0	1.0	0.003				
CAOND150396	112.0	112.5	0.5	0.003				
CAOND150397	112.5	114.0	1.5	0.003				
CAOND150398	114.0	115.5	1.5	0.003				
CAOND150399	115.5	117.0	1.5	0.003				
CAOND150401	117.0	118.5	1.5	0.003				
CAOND150402	118.5	120.0	1.5	0.003				
CAOND150403	120.0	121.3	1.3	0.003				
CAOND150404	121.3	122.8	1.5	0.003				

Major: **From:** 122.80 **To:** 132.50 V9b, TUF MAFIQUE

Dark-black fine grained mafic tuf. Upper sharp contact whereas the lower contact with V9 is progressive. Tuf can shows foliation (around 65-75 deg) or not. Weak Mt perv altn. Cross-cut by several cms Qtz-Cb-Chl-Py veins. 1% gd to mg disseminated Py in the background. Cms sedimentary-like horizons show higher (3%) content of disseminated Py due to higher porosity. This interval in cross-cut by two m V7 horizons.

MINOR INTERVAL

125.10 - 126.90: V7Grey-green aphanitic basalt inside V9b interval. Sharp contacts. The unit is background altered with weak patchy Chl (pervasive and veinelets). The unit is cross cut by by 2% of mm (Qtz)-Cb-Chl veinelets. 1 % background of fg disseminated Py.

MINOR INTERVAL

128.20 - 129.90: V7Grey-green aphanitic basalt inside V9b interval. Sharp contacts. The unit is background altered with weak patchy Chl (pervasive and veinelets). The unit is cross cut by by 2% of mm (Qtz)-Cb-Chl veinelets. Cross-cut by cms Qtz-Cb-Chl-Py vein with albite altn haloes. 1 % background of fg disseminated Py.

MINERALIZATION

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150405	122.8	124.0	1.2	0.003				
CAOND150406	124.0	125.1	1.1	0.003				
CAOND150407	125.1	126.6	1.5	0.005				
CAOND150408	126.6	128.1	1.5	0.003				
CAOND150409	128.1	129.2	1.1	0.003				
CAOND150410	129.2	129.9	0.7	0.005				
CAOND150411	129.9	130.4	0.5	0.003				
CAOND150412	130.4	131.0	0.6	0.003				
CAOND150413	131.0	132.5	1.5	0.003				

Hole number: KLAN20-095

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
124.80, 125.10, PYR, DIS, 1.00, GRY2_BASIC, CGR, Cg euhedral disseminated Py as haloes arround mm Qtz-Cb veins
130.50, 132.00, PYR, DIS, 3.00, GRY2_BASIC, FGR, fg to mg disseminated Py associated with sedimentary horizons inside V9B. Py parallel to the bedding. Some are show mg to cg euhedral Py in spacial relation with mm Cb veinelets.

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
122.80, 132.50, MAG+, PEN, WEAK, RED_00001, APH, -, Weak pervasive Mt altn from top to bottom. Highly variable in intensity - can be moderated in some small localised intervals.
125.10, 126.90, CHL+, PAT, WEAK, GRN2_BASIC, APH, -, Weak patchy chl alteration from top to bottom. Occurs mostly as pervasive alteration but can also be find as small mm veinelets.
128.20, 129.90, CHL+, PAT, WEAK, GRN2_BASIC, APH, -, Weak patchy chl alteration from top to bottom. Occurs mostly as pervasive alteration but can also be find as small mm veinelets.
129.30, 129.45, ALB+, HAL, MOD, PNK2_BASIC, APH, -, mm- 1cm albite alteration haloes surrounding two Qtz-Cb-Chl-Py veins.

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
123.30, 124.50, BED, WEAK, 80.00, -, -, -, Bedding in mafic tuf
130.50, 132.50, BED, STRONG, 65.00, -, -, -, Bedding in mafic tuf

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
124.18, 124.46, QtzCbtChl, 50.00, 75.00, -, -, -, GRY_00025, -, IRM, PYR, 3.00, Irregular flooded-like vein composed of Qtz-Cb-Chl-Py. Disseminated fg Py.
127.04, 127.48, QtzCbtChl, 10.00, -, -, -, -, GRY_00025, -, MAS, PYR, 1.00, Interval with 2 Qtz-Cb-Chl-Py cm veins. Py clusters.
127.84, 127.86, QtzChl, 100.00, 85.00, -, -, -, GRY_00025, -, MAS, PYR, .50, Massive Qtz veins with Chl in the rims and traces of disseminated fg Py
129.30, 129.44, QtzCbtChl, 30.00, 85.00, -, -, -, GRY_00025, -, MAS, PYR, 5.00, Interal with two massive cms Qtz-Cb-Chl-Py veins. Moderated albite altn haloes around the veins. fg to mg disseminated Py inside the veins and as haloes around them. Cross-cut bu Chl veinelts.
130.00, 130.45, QtzCbtChl, 10.00, 85.00, -, -, -, GRY_00025, -, SHT, PYR, 1.00, Two cm sheteed massive Qtz-Cb-Chl-Py veins with mg disseminated Py in the veins and as haloes around them

Major: **From:** 132.50 **To:** 136.60 V9, Tuf

Cream-green fg sheared and foliated tuf - strong 65 deg foliation. The upper contact with V9b is diffuse\progressive whereas the lower one with V7 is sharp. Weak patchy Ser, weak to moderated perv Mt, moderated Albite haloes. Cross-cut by 3% mms 90 deg Cb veins (with Qtz core). Also cross-cut by cms (smokey) Qtz-Py veins, Cb-Qtz-Chl-Py veins and brecciated Qtz-Chl-KFS-(Ser)-Py

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150414	132.5	133.0	0.5	0.020				
CAOND150416	133.0	133.5	0.5	0.010				
CAOND150417	133.5	134.0	0.5	0.013				

Hole number: KLAN20-095

veins. 1-2 % disseminated fg Py as background.

ALTERATION

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

132.50, 132.60, MAG+, PEN, WEAK, RED_00001, APH, -, Weak pervasive Mt altn from top to bottom. Highly variable in intensity - can be moderated in some small localised intervals.

133.10, 136.60, SER+, PAT, WEAK, GRN2_BASIC, APH, -, Weak parchy Ser altn that often appears in veins vicinity or as mm veinelets.

134.00, 134.50, ALB+, HAL, MOD, PNK2_BASIC, APH, -, mm to cm albite haloes around Qtz veins with Cb rims

134.50, 135.70, MAG+, PEN, WEAK, RED_00001, APH, -, weak perv Mt altn

134.50, 136.60, ALB+, HAL, WEAK, PNK2_BASIC, APH, -, mm to cm albite haloes around Qtz veins with Cb rims

STRUCTURE

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

132.50, 136.60, FOL, STRONG, 65.00, -, -, -, Strong foliation inside tuf - veins parallel to the foliation

132.50, 136.60, SHR, MOD, 65.00, -, -, -, Shear zone with associated foliation

VEIN

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

132.66, 132.74, QTZ, 80.00, 60.00, -, -, -, GRY2_BASIC, -, MAS, PYR, 2.00, Smokey Qtz cms massive vein with fg disseminated Py

133.12, 133.47, QTZ, 40.00, 2.00, -, -, -, GRY_00025, -, IRM, PYR, 3.00, Interval with irregilar cms Qtz and smokey Qtz veins. Py is found as disseminated fg in the alteration zone (serecite) of these veins.

133.54, 133.60, QtzCbtChl, 100.00, 45.00, -, -, -, GRY_00025, -, MAS, PYR, .50, Massive cm Cb-Qtz-Chl-Py vein with granular aspect. Disseminated vfg to fg Py mostly found in small Chl veinelets.

134.00, 134.50, QtzCal, 5.00, 90.00, -, -, -, GRY_00025, -, FRF, PYR, 1.00, Several mm to Qtz veins with Calcite\Cb rims. Show moderated albite alteration haloes. Often at 90 deg but some of them show other directions

135.70, 135.78, QTZ, 80.00, 70.00, -, -, -, GRY_00025, -, BRF, PYR, .50, Cms stringers of Qtz-Chl-KFS-Py vein that form brecciated filling between S9 mm to cm clasts. fg disseminated Py.

136.17, 136.30, QTZ, 80.00, 75.00, -, -, -, GRY_00025, -, BRF, PYR, .50, mm to cms stringers of Qtz-Chl-KFS-Ser-Py vein that form brecciated filling between S9 mm to cm clasts. fg disseminated Py.

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150418	134.0	135.5	1.5	0.038				
CAOND150419	135.5	136.6	1.1	0.097				

Major: **From:** 136.60 **To:** 162.90 V7, BASALTE

Dark grey-green massive aphanitic to fg basalt. Some interval show mms varioles, or pillows or breccias. Contacts are sharp. The unit is altered with weak patchy Chl, traces of pervasive Mt and traces to weak patchy Ep. The unit is cross-cut mainly by Cb-Qtz-Chl-(KFS)-(Py) veins and by a Qtz vein. The unit shows fg disseminated Py with an average of 0.5-1% background.

TEXTURE

TYPE/COLOR/GRAIN_SIZE/COMMENTS

144.40, 144.60, VAR, -, MGR, Interval with mms varioles inside V7

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150421	136.6	137.1	0.5	0.006				
CAOND150422	137.1	138.0	0.9	0.013				
CAOND150423	138.0	138.5	0.5	0.021				
CAOND150424	138.5	139.5	1.0	0.003				
CAOND150426	139.5	141.0	1.5	0.003				
CAOND150427	141.0	142.5	1.5	0.003				

Hole number: KLAN20-095

148.10, 149.50, VAR, -, MGR, Interval with mms varioles inside V7
157.00, 157.70, PLI, -, -, Interval in which variolitic pillows are visible
157.00, 157.70, VAR, -, MGR, Interval with mms varioles inside V7 pillows
157.45, 157.55, BPL, -, CGR, Interval with well rounded cms pillows breccia - This interval in between two variolitic pillows

ALTERATION

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
136.60, 162.90, CHL+, PAT, WEAK, GRN2_BASIC, APH, -, Patchy Chl altn from top to bottom. The intensity is variable. Visible as pervasive, veinelets and as haloes around Qtz-Cb-(Py) veinelets and veins.
136.60, 162.90, MAG+, PEN, TRACE, RED_00001, APH, -, Traces to weak perv Mt altn
141.00, 145.50, EPD+, PAT, WEAK, GRN2_BASIC, APH, -, Traces to weak patch Ep altn inside the V7 or as haloes around Cb-Qtz-Chl-(Kfs)-(Py) veinelets and veins.

VEIN

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
136.65, 136.70, QTZ, 100.00, 35.00, -, -, -, GRY_00025, -, MAS, -, -, Sharp and massive cms White Qtz vein. No sulphides.
138.19, 138.25, QtzCbt, 10.00, 60.00, -, -, -, GRY_00025, -, VNT, PYR, 2.00, Interval with small mm Qtz-Cb veinelets with fg disseminated Py haloe.
139.64, 139.67, QtzCbtChl, 20.00, 50.00, -, -, -, GRY_00025, -, VNT, PYR, 1.00, Interval with small mm Cb-Chl-Qtz veinelets with fg disseminated Py haloe.
143.78, 144.17, QtzCbtChl, 20.00, 70.00, -, -, -, GRY_00025, -, IRR, PYR, .50, Interval with 2 cms Cb-Alb?-Chl-Qtz-Py veins. Irregular texture - grained texture. Ep haloes around the veins. Traces of fg disseminated Py.
144.84, 144.96, QtzCbtChl, 40.00, 60.00, -, -, -, PNK2_BASIC, -, IRR, PYR, .50, Very irregular vein system - seems ff but some some elements are isolated. Mainly composed of Cb-KFS-Qtz-Chl-Py. Traces of disseminated fg Py.
148.28, 148.39, QtzCbtChl, 15.00, 80.00, -, -, -, GRY_00025, -, IRR, PYR, .50, Interval composed of two Cb-Qtz-Chl-Py. One veine has ff shape whereas the other is just an irregular mass. Cb are always coating the Qtz. Chl in the rims of the vein. Traces of disseminated fg Py in the rims of the veins.
153.80, 154.66, QtzCbtChl, 15.00, -, -, -, -, GRY_00025, -, FRF, PYR, 2.00, Interval composed of sheeted ff mms-cm veins and veinelets with Cb-Chl-Qtz-(KFS)-Py content. Veins have two directions : 40 and 65 deg. Py occurs as fg to mg size. Py is disseminated and find inside the veins and also aligned in the rims of the veins.
156.92, 156.94, QtzCbtChl, 100.00, 50.00, -, -, -, PNK2_BASIC, -, BAN, PYR, 2.00, Masive banded Cb-Qtz-FFS-Chl-Py vein with fg disseminated py in the vein and as haloes.
159.75, 161.90, QtzCbtChl, 10.00, 60.00, -, -, -, GRY_00025, -, SHT, PYR, 1.00, Interval with several mms-1cm veins that run parallel. Composition : Cb-Qtz-Chl-(KFS)-Py. Disseminated fg Py inside the veins.

Hole number: KLAN20-095

RQD

From	To	Quality (%)	Recov.(%)	C.A.	Break	Disking	Comment
3.5	6.0	90.00	100.00			N	
6.0	9.0	83.00	100.00			N	
9.0	12.0	83.00	100.00			N	
12.0	15.0	93.00	100.00			N	
15.0	18.0	77.00	100.00			N	
18.0	21.0	83.00	100.00			N	
21.0	24.0	83.00	100.00			N	
24.0	27.0	93.00	100.00			N	
27.0	30.0	93.00	100.00			N	
30.0	33.0	90.00	100.00			N	
33.0	36.0	83.00	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	73.00	100.00			N	
45.0	48.0	90.00	100.00			N	
48.0	51.0	97.00	100.00			N	
51.0	54.0	83.00	100.00			N	
54.0	57.0	80.00	100.00			N	
57.0	60.0	83.00	100.00			N	
60.0	63.0	83.00	100.00			N	
63.0	66.0	40.00	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	97.00	100.00			N	
75.0	78.0	90.00	100.00			N	
78.0	81.0	98.00	100.00			N	
81.0	84.0	87.00	100.00			N	
84.0	87.0	97.00	100.00			N	

Hole number: KLAN20-095

RQD

From	To	Quality (%)	Recov.(%)	C.A.	Break	Disking	Comment
87.0	90.0	67.00	100.00			N	
90.0	93.0	97.00	100.00			N	
93.0	96.0	90.00	100.00			N	
96.0	99.0	90.00	100.00			N	
99.0	102.0	77.00	100.00			N	
102.0	105.0	57.00	100.00			N	
105.0	108.0	87.00	100.00			N	
108.0	111.0	77.00	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	97.00	100.00			N	
120.0	123.0	87.00	100.00			N	
123.0	126.0	87.00	100.00			N	
126.0	129.0	97.00	100.00			N	
129.0	132.0	87.00	100.00			N	
132.0	135.0	80.00	100.00			N	
135.0	138.0	57.00	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	73.00	100.00			N	
147.0	150.0	87.00	100.00			N	
150.0	153.0	77.00	100.00			N	
153.0	156.0	80.00	100.00			N	
156.0	159.0	73.00	100.00			N	
159.0	162.0	87.00	100.00			N	

Hole number: KLAN20-095

AGNICO EAGLE

DRILL HOLE REPORT

EXPLORATION CANADA
ONTARIO

Hole number: KLAN20-096 | **Project Number:** A_MCBEAN | **Project name:** ANOKI-MCBEAN

Historic hole number:		**Collar survey:**	Y	**From:**	0.0	**Coordinates:**	P
System:	METRIC	**Verified:**		**To:**	324.0	**Grid:**	UTM83-17_CSRS-2010:
Target:	A_MCBEAN	**Gas:**	N	**Depth:**	324.0	**North:**	5,331,066.90
No. Claim:	PAT-29854	**Multishot survey:**	N	**Location:**	Surface	**East:**	586,859.76
Year:	2 020	**Is making water:**	N	**Core storage:**	Mine Site	**Elevation:**	318.02
Date started:	2020-06-20	**Object in hole:**	N	**Contractor:**	Major Diamond Drilling	**Collar dip:**	-50.72
Date logged:	2020-06-21	**Pulse EM survey:**	N	**Logged by:**	Melanie Bouchard	**Collar azimuth:**	16.21
Date completed:	2020-06-26	**Plugged:**	Y	**Signature:**	Mélanie Bouchard		
Core size:	NQ	**Cemented:**	Y				
Hole type:	DDH	**Branch:**	N				
Casing:	Left in Hole, capped	**Reserve:**					
Logging status:	Signed						
Rig number:	0132						

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

Comment: Proposed hole: KLANP-6. Major drill rig: 132. Testing upwards stepout of 50m above main Anoki zone and nose of interpreted folded chert. Step out east of KLAN20-095. Logged by MBouchard (0-186m), SMundreon and DHugo (186-324m EOH).

Survey data

Depth	Azimuth dec.	Dip dec.	Type	Flag	Comments
0.0	16.59	-52.05	GC	O	Devialigner reading at setup
20.0	15.78	-53.51	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
44.0	14.94	-53.36	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
68.0	15.80	-53.72	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
92.0	14.65	-53.29	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
116.0	12.78	-53.12	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
140.0	13.76	-53.09	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
164.0	12.78	-52.87	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
188.0	13.91	-52.80	G	O	Champ Navigator North Seeking Single

Depth	Azimuth dec.	Dip dec.	Type	Flag	Comments
0.0	16.21	-50.72	S		Surveyed collar direction
32.0	15.63	-53.51	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
56.0	14.71	-53.69	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
80.0	14.60	-53.39	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
104.0	13.47	-53.24	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
128.0	13.88	-53.08	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
152.0	14.28	-53.01	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
176.0	13.61	-52.78	G	O	Champ Navigator North Seeking Single Shot Mode, by Major Shot Mode, by Major

Hole number: KLAN20-096

Survey data

Depth	Azimuth dec.	Dip dec.	Type	Flag	Comments
200.0	13.90	-52.65	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
224.0	13.36	-52.49	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
248.0	12.17	-52.59	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
272.0	12.96	-52.74	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
296.0	12.64	-52.84	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
212.0	13.93	-52.53	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
236.0	12.82	-52.56	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
260.0	13.01	-52.79	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
284.0	12.04	-52.67	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
308.0	13.66	-52.91	G	O	Champ Navigator North Seeking Single Shot Mode, by Major

Certificate
TM20139938
TM20143246
TM20147475

Sample dispatch	Lab package	Sample list*
CXE5505D20-04	Excaon1	CAOND150428 - CAOND150490
CXE5505D20-05	Excaon1	CAOND150491 - CAOND150500 CAOND150759 - CAOND150950 CAOND150976 - CAOND150985

*The sample list may content samples from other holes

Sample number	Standard
CAOND150430	CDN-CM-18-AEM
CAOND150445	CDN-CM-28-AEM
CAOND150460	CDN-CM-27-AEM
CAOND150470	BLANK-DB
CAOND150475	CDN-CM-18-AEM
CAOND150490	CDN-CM-28-AEM
CAOND150760	CDN-CM-27-AEM
CAOND150770	BLANK-DB
CAOND150775	CDN-CM-18-AEM
CAOND150790	CDN-CM-28-AEM
CAOND150815	CDN-CM-27-AEM
CAOND150820	BLANK-DB
CAOND150830	CDN-CM-18-AEM
CAOND150845	CDN-CM-28-AEM
CAOND150860	CDN-CM-27-AEM
CAOND150870	BLANK-DB
CAOND150875	CDN-CM-18-AEM
CAOND150890	CDN-CM-28-AEM

Major: **From:** 0.00 **To:** 12.00 OVB, Overburden

Overburden/casing

Hole number: KLAN20-096

Major: **From:** 12.00 **To:** 12.70 I3A, Gabbro

Composition: Dark grey, massive, fine to medium grained; Gabbro - I3A. Magnetism: Weakly magnetic. Veinning: None. Structure: None Alteration: Moderate pervasive calcite alteration. Mineralization: 1-2% fine grained disseminated Py throughout. Lower Contact: Broken core

MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

12.00, 12.70, PYR, DIS, 1.00, -, FGR, 1-2% fine grained disseminated Py throughout

ALTERATION

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

12.00, 12.70, CAL+, PEN, MOD, GRY_00025, -, -, Moderate pervasive calcite alteration

Major: **From:** 12.70 **To:** 43.10 U, Ultramafic Volcanics

Composition: Dark bluish grey, fine grained and massive; Ultramafics - U Magnetism: moderately magnetic Veinning: Less than 1% calcite veining throughout with local intervals of up to 15% calcite veining brecciating host rock Structure: Massive with local brecciation due to veining and flow texture Alteration: Weak to moderate pervasive chlorite, local weak to moderate patches of talc and weak calcite occuring as whispy stringers Mineralization: 0.5-1% fine and medium grained py mineralization at random throughout. Lower Contact: Sharp but grinded

MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

12.70, 30.00, PYR, DIS, .10, -, FGR, 0.1-0.5% fine and medium grained pyrite occuring at random throughout unit

38.00, 43.10, PYR, DIS, .10, -, VFG, 0.1-0.5% very fine to fine grained pyrite occuring at random throughout unit

ALTERATION

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

12.70, 29.00, TLC+, PAT, MOD, -, -, -, Weak to moderate patchy talc alteration associated with chl alt

12.70, 43.10, CAL+, WIS, WEAK, GRY_00025, -, -, Weak wispy calcite alteration

12.70, 43.10, CHL+, PEN, MOD, GRN2_BASIC, -, -, Moderate pervasive bluish-green-grey chlorite alteration

29.00, 43.10, TLC+, PEN, WEAK, -, -, -, Rare to weak pervasive talc alteration

31.50, 32.30, BTI+, SPO, STRONG, RED_00001, -, -, Moderate to strong spotted and wispy biotite alteration

32.90, 33.20, BTI+, PEN, MOD, RED_00001, -, -, Moderate pervasive biotite alteration

VEIN

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

24.90, 24.95, CAL, 85.00, 50.00, -, -, -, GRY_00025, -, BRC, -, -, 4cm thick white calcite vein with 25% brecciated host rock

25.50, 26.90, CAL, 15.00, -, -, -, -, GRY_00025, -, BRC, -, -, 15-20% chaotic white calcite veining

brecciating host rock

Major: **From:** 43.10 **To:** 47.30 I3A, Gabbro

Composition: Dark greenish grey, medium grained, massive; Gabbro - I3A Magnetism: None Veinning: 2% calcite veinlets are varying orientations Structure: None Alteration: Moderate pervasive alteration Mineralization: 0.1-0.5% very fine grained disseminated PY, locally clustered in calcite veinlets Lower Contact: Sharp, broken core

TEXTURE

TYPE/COLOR/GRAIN_SIZE/COMMENTS

47.10, 47.30, BRC, -, -, -

MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

43.10, 47.10, PYR, DIS, .10, -, VFG, 0.1-0.5% very fine to fine grained pyrite occuring at random throughout unit, locally clustered in calcite veinlets

47.10, 47.30, PYR, DIS, .50, -, FGR, 0.5-1% fine grained disseminated Py

ALTERATION

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

43.10, 47.10, CAL+, PEN, MOD, GRY_00025, -, -, Moderate pervasive calcitte alteration

47.10, 47.30, TLC+, FRF, MOD, -, -, -, Moderate to strong fracture filling talc alteration

47.10, 47.30, CAL+, PEN, MOD, GRY_00025, -, -, Moderate to strong pervasive calcite alteration

47.10, 47.30, CHL+, PEN, MOD, -, -, -, Moderate to strong pervasive chlorite alteration

STRUCTURE

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

47.10, 47.30, FRA, WEAK, -, -, -, -, Weakly broken core

47.10, 47.30, FOL, WEAK, 40.00, -, -, -, Weak foliation at 40 TCA defined by the alignment of chl and clacite veinlets

47.10, 47.30, BRC, WEAK, -, -, -, -, Weak brecciation, healed fracturing

Major: **From:** 47.30 **To:** 87.00 U, Ultramafic Volcanics

Composition: Dark bluish grey, moderate to strongly soft, waxy, fine grained and massive; Ultramafics - U Magnetism: Strongly magnetic Veinning: 1-2% cal and cal-talc veinlets throughout, locally up to 20% cal-talc veinlets brecciating host over 6m. Structure: Dominantly massive with local brecciation and healed fracturing. Alteration: Moderate to strong pervasive chlorite, moderate to strong pervasive calcite, minor patches of strong biotite and moderate fracture filling talc alteration Mineralization: 0.1-0.5% fine and medium grained blebby Py occuring in calcite veining Lower Contact:

TEXTURE

TYPE/COLOR/GRAIN_SIZE/COMMENTS

47.30, 68.00, BRC, -, -, -

MINERALIZATION

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150428	84.0	85.0	1.0	0.003				
CAOND150429	85.0	86.0	1.0	0.003				
CAOND150431	86.0	86.8	0.8	0.003				
CAOND150432	86.8	87.3	0.5	0.003				

Hole number: KLAN20-096

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
47.30, 51.00, PYR, DIS, .50, -, FGR, 0.5-1% fine grained disseminated Py
51.00, 68.00, PYR, DIS, .50, -, FGR, 0.5-1% fine grained disseminated Py; occuring at random throughout the unit but dominantly clustered in cal-talc veins and fractures
81.00, 86.00, PYR, PAT, 1.00, -, MGR, 1-2% medium grained Py clustered in talc/cal veinlets and fractures
86.90, 87.00, PYR, PAT, 30.00, -, MGR, 25-30% medium grained Py clustered in irregular calcite veinlets

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
47.30, 68.00, TLC+, FRF, MOD, -, -, -, Moderate to strong fracture filling talc alteration
47.30, 80.00, CAL+, PEN, MOD, GRY_00025, -, -, Moderate to strong pervasive calcite alteration
47.30, 80.00, CHL+, PEN, MOD, -, -, -, Moderate to strong pervasive chlorite alteration
48.30, 49.30, BTI+, PEN, STRONG, -, -, -, Strong pervasive biotite alteration
49.75, 50.10, BTI+, PEN, MOD, RED_00001, -, -, Moderate pervasive to spotted biotite alteration
50.10, 51.00, BTI+, PAT, WEAK, RED_00001, -, -, Weak biotite alteration occuring as spotted to wispy gradually disappearing downhole

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
47.30, 48.00, FRA, WEAK, -, -, -, -, Weakly broken core
47.30, 53.20, FOL, WEAK, 40.00, -, -, -, Weak foliation at 40 TCA defined by the alignment of chl and clacite veinlets
47.30, 68.00, BRC, WEAK, -, -, -, -, Weak brecciation, healed fracturing
48.00, 48.50, FRA, MOD, -, -, -, -, Moderate broken core
48.50, 50.80, FRA, WEAK, -, -, -, -, Weak broken core
50.80, 51.70, FRA, MOD, -, -, -, -, Moderate broken core with 1x 5cm thick interval of strongly broken
51.40, 51.60, FLD, MOD, -, -, -, -, Tight folding

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
49.80, 49.85, PLC, 100.00, 70.00, -, -, -, PNK2_BASIC, -, POR, PYR, .10, 5cm thick pale pink plagioclase rich, felsic porphyry intrusive
56.00, 56.25, CAL, 40.00, 40.00, -, -, -, -, -, -, -, -, -
56.40, 56.60, TLC, 5.00, 10.00, -, -, -, -, -, -, -, -, -
56.90, 58.20, CAL, 25.00, 10.00, -, -, -, GRY_00025, -, -, -, -, 25% cal-talc veinning running parallel to core and fracturing host
58.20, 63.10, CAL, 5.00, -, -, -, -, GRY_00025, -, -, PYR, .50, 5-10% cal-talc veinnig at varying orientations fracturing host

Major: **From:** 87.00 **To:** 89.15 S10, Chert

Composition: 1x 30cm and 1x 50cm thick pinkish brown, chaotic, brittlely fracture; S10 - Chert

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150433	87.3	87.8	0.5	0.003				

Hole number: KLAN20-096

Magnetism: None Veinning: 0.5% discontinuous qtz-cal and cal veinlets, fracture filling Structure: Chaotic breccia Alteration: Chl-Ep associated with adjacant basalt, fracture filled calcite Mineralization: 3-5% locally up to 7% clustered, blebby pyrite associated with fractures Lower Contact: Sharp, slightly wavy, oriented at 50 TCA

MINOR INTERVAL

87.00 - 87.30: V7Composition: Medium to dark greenish, massive, featureless; V7-Basalt Magnetism: None Veinning: None Structure: none Alteration: weak pervasive wisps of Ep alt Mineralization: 2-3% fine and medium grained Py Lower Contact: Sharp, slightly wavy, at 30 TCA

MINOR INTERVAL

87.60 - 88.65: V7Composition: Medium to dark greenish, massive; V7-Basalt Magnetism: None Veinning: 1-2% cal veinlets with 1x 5cm irregular qtz-cal vein Structure: none Alteration: weak pervasive wisps of Ep alt, weak fracture filling chl alt Mineralization: 2-3% fine grained Py associated with fractures Lower Contact: Sharp, slightly wavy, at 10 TCA

MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

87.00, 87.30, PYR, DIS, 2.00, -, FGR, 2-3% fine and medium grained disseminated PY
87.30, 87.60, PYR, PAT, 1.00, -, VFG, 1-2% very fine grained Py random in fractures
87.60, 88.65, PYR, DIS, 5.00, -, VFG, 5% very fine grained Py disseminated in host but dominantly disseminated in fractures
88.65, 88.75, PYR, PAT, 25.00, -, FGR, 25% py occuring in irregular semi-massive patches/blebs in contact margin with V7 but in S10
88.75, 89.15, PYR, DIS, 5.00, -, FGR, 5% disseminated fine grained Py occuring in fractures locally as clusters

ALTERATION

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

87.00, 87.30, CHL+, PAT, WEAK, -, -, -, Weak patchy to pervasive chl alt
87.00, 87.30, EPD+, WIS, WEAK, GRN2_BASIC, -, -, Weak pervasive wisp of weak epidote alt
87.60, 88.65, CHL+, FRF, MOD, -, -, -, Moderate fracture filling chl alt
87.60, 88.65, EPD+, PAT, MOD, -, -, -, Weak to moderate patchy/wispy epidote alt

VEIN

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

87.90, 88.10, QtzCalChl, 50.00, -, -, -, -, GRY_00025, -, -, PYR, .50, Irregular qtz-cal-chl vein, cross cutting at 50 TCA

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150434	87.8	88.5	0.7	0.003				
CAOND150435	88.5	89.2	0.7	0.003				

Major: **From:** 89.15 **To:** 98.00 V7, BASALTE

Composition: Medium to dark greenish, fine grained, massive; V7-Basalt Magnetism: None Veinning: 0.5-1% cal veinlets, 1-2% cal-Py veinlet and 2x qtz-cal-chl veins Structure: none Alteration: weak pervasive wisps of Ep alt, rare fracture filling chl alt Mineralization: 0.5-1% very fine grained Py associated with fractures, up to 50% Py occuring in cal veins. Lower Contact: Sharp, oriented at 50

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150436	89.2	90.0	0.8	0.003				
CAOND150437	90.0	91.0	1.0	0.003				
CAOND150438	91.0	92.0	1.0	0.003				

Hole number: KLAN20-096

MINERALIZATION
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
89.15, 98.00, PYR, DIS, .50, -, VFG, 0.5% very fine grained Py disseminated and associated with microfractures

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
89.15, 98.00, CHL+, FRF, MOD, -, -, -, Rare to weak fracture filling chl alt
89.15, 98.00, EPD+, PAT, MOD, -, -, -, Weak to moderate patchy/fracture filling epidote alteration

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
89.50, 98.00, CAL, 2.00, -, -, -, -, GRY_00025, -, -, PYR, 15.00, 2-3% white calcite veinlets at varying orientions with 15% locally up to 30% Py clusterd in vein or at vein contacts
90.70, 90.80, QTZ_2, 35.00, -, -, -, -, -, -, -, -, -, Irregular pale pink qtz-cal vein
92.05, 92.25, QTZ_2, 40.00, -, -, -, -, -, -, -, PYR, 10.00, Random irregular blobs of becciated qtz-cal veins, contacts ssharp but irregular and wavy, 10% clustered Py

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150439	92.0	92.5	0.5	0.003				
CAOND150440	92.5	94.0	1.5	0.003				
CAOND150441	94.0	95.5	1.5	0.003				
CAOND150442	95.5	96.3	0.8	0.003				
CAOND150443	96.3	96.8	0.5	0.003				
CAOND150444	96.8	98.0	1.2	0.003				

Major: **From:** 98.00 **To:** 99.90 S4GP, Argillite noire graphiteuse cisaillée et faillée intercalée

Composition: Dark grey to black, massive, minor bedding, S4GP - Graphitic argilite Magnetism: None Veinning: 10% calcite veins 1-8cm thick with angular clasts of host Structure: Bedding oriented at 55 TCA Alteration: Rare fracture filling calcite, 1x 15cm thick random patch of alb?Se?Cal alt Mineralization: 3% very fine grained dissminated Py, 5% semi-massive clusters with up to 50% irregular Py Lower Contact: irregular and chaotic with alteration margin in adjacant V7

MINERALIZATION
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
98.00, 98.10, PYR, PAT, 20.00, -, MGR, 20% medium and coarse grained Py occuring in clusters weakly aligned at50 TCA
98.10, 98.40, PYR, PAT, 2.00, -, FGR, 2-3% Py occuring as aligned clusters
98.40, 98.80, PYR, PAT, 10.00, -, MGR, 10% fine and medium grained Py occuring in random clusters in host and in qtz-cal veins
98.80, 99.25, PYR, DIS, 1.00, -, VFG, 1% very fine grained diss Py
99.25, 99.40, PYR, PAT, 25.00, -, FGR, 25% fine grained Py occuring in 1x 0.5 and 1x 2cm thick clusters
99.40, 99.70, PYR, DIS, 1.00, -, VFG, 1% very fine grained diss Py
99.70, 99.90, PYR, PAT, 10.00, -, FGR, 10% fine grained Py occuring in random patches and mm discontinuous stringers

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
98.65, 98.80, ALB+, PEN, MOD, -, -, -, Alb alt?

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150446	98.0	99.0	1.0	0.006				
CAOND150447	99.0	100.0	1.0	0.007				

Hole number: KLAN20-096

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
98.00, 98.01, UPC, -, 50.00, -, -, -, S4GP upper contact
99.00, 99.10, BED, -, 55.00, -, -, -, Bedding at 55 TCA

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
98.40, 98.60, QTZ_2, 24.00, 60.00, -, -, -, GRY_00025, -, -, PYR, 15.00, 25% white to pale pink qtz-cal veins with 15% medium grained disseminated Py in vein
98.90, 98.95, QtzCalChl, 100.00, 50.00, -, -, -, GRY_00025, -, BRC, PYR, 1.00, White qtz-cal-chl vein with 35% angular clasts of host and 1-2% clusters Py

Major: **From:** 99.90 **To:** 118.70 Mam, Amphibolite

Composition: Dark green, fine and medium grained alternating intervals, weakly porphyritic, fine grained intervals are massive; MAM - Amphibolite. Magnetism: None Veinning: 2-3% white calcite veinlets, 2x qtz-chl veins 8-20cm thick Structure: None Alteration: Moderate pervasive calcite, moderate microfracture filling chl alteration Mineralization: 1-2% Py occuring as disseminated but in random clusters locally in fractures Lower Contact: Sharp but weakly fracture

MINERALIZATION
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
99.90, 100.00, PYR, DIS, 8.00, -, FGR, 8% fine grained disseminated Py occuring in alterated contact margin
100.00, 118.70, PYR, DIS, 1.00, -, VFG, 1-2% Py occuring as disseminated but in random clusters locally in fractures

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
100.00, 118.70, CAL+, PEN, MOD, -, -, -, Moderate pervasive calcite alteration
100.00, 118.70, CHL+, FRF, MOD, -, -, -, Moderate fracture filling chl alt

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
100.00, 106.00, CalChl, 2.00, 50.00, -, -, -, -, -, -, -, -, 2% cal-chl veins <1-1cm thick
106.00, 111.00, CAL, 5.00, -, -, -, -, GRY_00025, -, -, -, -, 5% white calcite veinlets at varying angles
111.00, 111.10, QtzCalChl, 90.00, 60.00, -, -, -, -, -, -, -, -, White qtz vein with minor cal and stringers of chl
111.20, 111.35, QtzChl, 90.00, 30.00, -, -, -, -, -, -, -, -, White qtz-chl vein
114.40, 114.50, QtzCalChl, 50.00, -, -, -, -, -, -, -, -, -, white qtz-cal-chl vein
114.50, 118.70, CalChl, 3.00, -, -, -, -, -, -, -, -, -, 3-5% cal-chl veinlets

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150448	100.0	101.0	1.0	0.003				
CAOND150449	101.0	102.0	1.0	0.003				
CAOND150451	116.0	117.0	1.0	0.003				
CAOND150452	117.0	118.0	1.0	0.003				
CAOND150453	118.0	118.7	0.7	0.003				

Hole number: KLAN20-096

Major: **From:** 118.70 **To:** 125.40 I2Dm, Mafic Syenite

Composition: Dark purplish/pinkish grey, very fine grained and massive, 15% fine grained amp crystals; I2Dm - Mafic Syenite Magnetism: None Veinning: 3-5% qtz-cal-chl veinlets with 2x irregular qtz vein up to 10cm thick Structure: None Alteration: Rare to weak fracture filling chl and calcite alteration, moderate albite alteration in margins of fractures and locally in a pervasive patch ~40cm thick Mineralization: 5-8% very fine grained disseminated PY Lower Contact: Irregular and wavy, trending at 0-10 TCA

MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

118.70, 125.40, PYR, DIS, 5.00, -, VFG, 5-8% very fine and fine grained disseminated Py

ALTERATION

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

118.70, 119.20, ALB+, PAT, MOD, -, -, -, Moderate albite alteration occuring in margins of fractures but appearing almost pervasive
118.70, 125.40, CAL+, FRF, WEAK, -, -, -, Rare to weak fracture filling calcite alt
118.70, 125.40, CHL+, FRF, WEAK, -, -, -, Rare to weak fracture filling chlorite alt
119.20, 125.40, ALB+, FRF, WEAK, -, -, -, 10% moderate albite alteration occuring in margins of fractures over 1-2mm thick, randomly distributed

VEIN

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

118.70, 121.70, QtzCalChl, 3.00, -, -, -, -, -, -, -, -, 3-5% qtz-cal-chl veinning at varying orientations 1-2mm thick
121.70, 121.90, QTZ, 85.00, -, -, -, -, -, -, -, PYR, 8.00, White irregular/chaotic qtz vein with 8% vfgr diss Py in albite altered margins of the vein
123.60, 123.65, QTZ, 80.00, 60.00, -, -, -, GRY_00025, -, -, PYR, 8.00, White irregular/chaotic qtz vein with 8% vfgr diss Py in albite altered margins of the vein
123.80, 123.90, QtzChl, 20.00, -, -, -, -, -, -, -, PYR, 8.00, 20% white qtz-chl veinning with 8% vfgr diss Py in albite altered margins of the vein
125.15, 125.40, QtzChl, 20.00, 0.00, -, -, -, GRY_00025, -, FBD, PYR, 1.00, -

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150454	118.7	120.0	1.3	0.011				
CAOND150455	120.0	121.5	1.5	0.007				
CAOND150456	121.5	122.0	0.5	0.003				
CAOND150457	122.0	123.5	1.5	0.003				
CAOND150458	123.5	124.5	1.0	0.012				
CAOND150459	124.5	125.4	0.9	0.003				

Major: **From:** 125.40 **To:** 145.20 Mam, Amphibolite

Composition: Dark green, medium to coarsegrained, weakly porphyritic, dominantly composed of elongated amp/pyroxene; Mam - Amphibolite. Magnetism: Strongly magnetic Veinning: 2% mm scale calcite veinlets, 3% cm scale calcite veins Structure: Rare preferential alignement of veinlets at 45 TCA Alteration: Moderate fracture filling chl and cal, weak patchy epidote alteration Mineralization: 2-3% fine grained disseminated Py randomly throughout with up to 25% disseminated in immediate margins of veins Lower Contact: Sharp and straight, oriented at 35 TCA

MINOR INTERVAL

134.30 - 135.40: I2DmComposition: Dark grey, fine grained, massive to weakly porphyritic; I2Dm - Mafic syenite Magnetism: Moderately magnetic Veinning: 1-2% mm scale fracture filling calcite veinlets

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150461	125.4	126.0	0.6	0.003				
CAOND150462	126.0	127.0	1.0	0.003				
CAOND150463	127.0	128.0	1.0	0.003				
CAOND150464	128.0	129.5	1.5	0.009				
CAOND150465	129.5	131.0	1.5	0.008				
CAOND150466	131.0	132.0	1.0	0.003				
CAOND150467	132.0	133.0	1.0	0.003				

Hole number: KLAN20-096

Structure: rare preferential alignment Alteration: Moderate pervasive spotted biotite and moderate pervasive calcite alteration Mineralization: 3-5% very fine grained disseminated Py Lower Contact: Sharp and relatively straight oriented at 65 TCA

MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

125.40, 128.80, PYR, DIS, 2.00, -, FGR, 2-3% fine grained disseminated Py randomly throughout with up to 25% diss in immediate margins of the qtz veins
128.80, 128.95, POT, PAT, 20.00, -, FGR, 20% Po occuring with Py in a cluster in margin of a qtz vein
128.80, 128.95, PYR, PAT, 10.00, -, FGR, 10% Py occuring with Po in a cluster in margin of a qtz vein
128.95, 129.70, PYR, DIS, .50, -, VFG, -
129.70, 129.80, POT, DIS, 5.00, -, VFG, -
129.70, 129.80, PYR, DIS, 15.00, -, VFG, -
129.80, 132.00, PYR, DIS, 2.00, -, VFG, -
132.00, 134.30, PYR, DIS, 2.00, -, FGR, 2-3% fine grained Py disseminated and clustered in fractures
134.30, 135.40, PYR, DIS, 3.00, -, VFG, 3-5% disseminated Py throughout
135.40, 140.00, PYR, DIS, 2.00, -, FGR, 2-3% fine grained Py disseminated and clustered in fractures
140.00, 145.20, PYR, DIS, 1.00, -, FGR, 1-2% fine grained Py disseminated and clustered in fractures

ALTERATION

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

125.40, 145.20, CAL+, FRF, MOD, -, -, -, Moderate mm scale fracture filling cal
125.40, 145.20, CHL+, FRF, STRONG, -, -, -, Strong mm scale fracture filling chl
134.30, 135.40, BTI+, PEN, MOD, -, -, -, Moderate pervasive spots of biotite
134.30, 135.40, CAL+, PEN, MOD, -, -, -, Moderate pervasive calcite alteration

VEIN

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

125.65, 125.80, QtzCalChl, 5.00, 10.00, -, -, -, GRY_00025, -, MAS, PYR, 1.00, White qtz-cal-chl vein
125.80, 127.00, CAL, 5.00, 45.00, -, -, -, -, -, -, -, -, 5% calcite veinlets
128.45, 128.70, QtzCalChl, 5.00, -, -, -, -, -, -, -, -, -, 3x white qtz-cal-chl veins 0.5-1cm thick at varying orientations
128.80, 128.95, QTZ, 1.00, -, -, -, -, -, -, -, PYR, 20.00, 0.25cm thick discontinuous qtz vein with 20% Py and 30% Po mineralization clustered in margins
129.70, 129.80, QTZ, 25.00, -, -, -, -, -, -, -, PYR, 15.00, 25% discontinuous qtz vein, 15% py and 5% Po mineralization disseminated in margins
129.80, 130.70, QTZ, 5.00, 0.00, -, -, -, GRY_00025, -, -, PYR, 2.00, 1cm thick white qtz vein waving parallel to core, 2% Py in vein and up to 3% Py diss in margins
131.30, 131.60, QtzCalChl, 5.00, 50.00, -, -, -, GRY_00025, -, -, -, -, 3x qtz-cal-chl veins 1-5cm thick
143.30, 143.35, CAL, 50.00, 30.00, -, -, -, -, -, -, -, -, White calcite with 15% angular clasts of host

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150468	144.0	145.2	1.2	0.003				

Hole number: KLAN20-096

Major: **From:** 145.20 **To:** 146.50 S10, Chert

Composition: Beige, medium brownish-grey, dark grey, medium grey, weakly bedded; S10-Chert. 5% sediment beds and 5% silicified graphitic argillite. Magnetism: None Veinning: none Structure: Weak remnant bedding at 40-50 TCA Alteration: Rare fracture filling calcite Mineralization: 1-2% very fine grained randomly spotted Py Lower Contact: Sharp oriented at 45 TCA, contact placed where chert starts to diminish in abundance and graphitic argillite becomes dominant

MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

145.20, 146.30, PYR, PAT, 1.00, -, VFG, 1-2% randomly distributed very fine grained Py
146.30, 146.35, PYR, STG, 20.00, -, VFG, 0.5-1cm thick semi-massive stringer/patche of Py at contact between a S4GP and S10 bed
146.35, 146.50, HEM, FRF, 2.00, -, VFG, 2% hematite occuring as mm parallel laminations, dominantly with Py stringers
146.35, 146.50, PYR, STG, 5.00, -, VFG, 5% parallel stringers of semi-massive Py

STRUCTURE

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

145.20, 145.21, UPC, -, 35.00, -, -, -, -
145.20, 146.50, BED, WEAK, 50.00, -, -, -, -

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150469	145.2	146.5	1.3	0.003				

Major: **From:** 146.50 **To:** 147.90 S4GP, Argillite noire graphiteuse cisaillée et faillée intercalée

Composition: Black, varying shades of grey and medium buff, strongly laminated; S4Gp - Graphitic argillite. Magnetism: none Veinning: none Structure: Finely laminated and bedded at 45 TCA Alteration: Weak fracture filling calcite and local fracture filling moderate Hem alteration Mineralization: 3-5% very fine grained Py occuring as parallel oriented stringer, locally up to 25% Py occuring in patches over 10cm interval Lower Contact: Sharp, straight at 45 TCA

MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

146.50, 147.30, HEM, FRF, 2.00, -, VFG, 2% hematite occuring as mm parallel laminations, dominantly with Py stringers
146.50, 147.30, PYR, STG, 5.00, -, VFG, 5% parallel stringers of semi-massive Py
147.30, 147.50, PYR, PAT, 20.00, -, FGR, 20-25% irregular patches of Py
147.50, 147.90, PYR, PAT, 2.00, -, VFG, 2-3% Py occuring at random and locally as mm scale stringers

STRUCTURE

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

146.50, 146.51, LWC, -, 45.00, -, -, -, -
146.50, 147.00, BED, WEAK, 45.00, -, -, -, Weak fine laminations at 45 TCA

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150471	146.5	147.9	1.4	0.003				

Major: **From:** 147.90 **To:** 155.20 Mam, Amphibolite

Composition: Dark green, medium and coarse grained, weakly porphyritic, dominantly composed of elongated amphibole. Interval begins as fine grained and massive then gradually becomes coarser

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150472	147.9	149.0	1.1	0.003				

Hole number: KLAN20-096

grained with well defined crystals of amp down hole. Mam - Amphibolite. Magnetism: Weakly magnetic Veinning: 2-3% mm scale calcite veinlets Structure: None Alteration: Moderate fracture filling and mm spotted calcite alteration Mineralization: 2-3% fine grained disseminated to patchy Py towards end of interval Lower Contact: Sharp and straight, oriented at 85 TCA

MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

152.00, 153.50, PYR, PAT, 1.00, -, FGR, -
153.50, 154.50, PYR, PAT, 3.00, -, FGR, 3-5% patchy to fracture filled Py

STRUCTURE

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

147.90, 147.91, LWC, -, 45.00, -, -, -, -

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150473	149.0	150.5	1.5	0.003				
CAOND150474	150.5	152.0	1.5	0.003				
CAOND150476	152.0	153.5	1.5	0.003				
CAOND150477	153.5	154.5	1.0	0.003				
CAOND150478	154.5	155.2	0.7	0.003				

Major: **From:** 155.20 **To:** 161.80 S4GP, Argillite noire graphiteuse cisaillée et faillée intercalée

Composition: Dark grey to black, massive, minor bedding; S4GP - Graphitic argilite Magnetism: None Veinning: 3-5% fracture filling calcite veinlets Structure: Local remnant bedding at 30 TCA Alteration: none Mineralization: 10% discontinuous stringers/patches of Py Lower Contact: Sharp and straight; oriented at 50 TCA

MINOR INTERVAL

159.00 - 159.60: V7Composition: Medium green, fine grained and massive; V7 - Basalt Magnetism: none Veinning: 2-3% calcite veinlets Structure: None Alteration: Bleached contact margins Mineralization: 3-5% fracture controlled Py Lower Contact: Sharp, weakly brecciated, trending at 45 TCA

MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

155.35, 155.40, PYR, SMA, 20.00, -, VFG, semi-massive stringers of Py clustered around qtz vein
155.60, 155.80, PYR, PAT, 15.00, -, VFG, 15% py occuring in irregular semi-massive patches
158.30, 158.40, PYR, STG, 10.00, -, VFG, 10% Py occuring in clustered stringer
158.90, 159.00, PYR, STG, 10.00, -, VFG, 10% Py occuring in clustered stringer
159.00, 159.60, PYR, FRF, 3.00, -, VFG, 3-5% fracture filling Py
159.60, 159.80, PYR, STG, 15.00, -, VFG, 15% Py occuring as stringers and disseminated
159.80, 160.30, PYR, PAT, 2.00, -, VFG, -
160.30, 160.40, PYR, STG, 10.00, -, VFG, 2x 0.5cm thick paralle stringer of Py
160.40, 160.80, PYR, PAT, 1.00, -, VFG, -
160.80, 161.80, PYR, PAT, 10.00, -, VFG, 10% vfgr Py occuring in random clusters in margins of brecciated qtz veins

VEIN

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

155.35, 155.40, QTZ, 20.00, 45.00, -, -, -, -, -, BRC, PYR, 70.00, Brecciated qtz vein with 70% stringers of Py

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150479	155.2	156.0	0.8	0.003				
CAOND150481	156.0	157.5	1.5	0.003				
CAOND150482	157.5	159.0	1.5	0.003				
CAOND150483	159.0	159.6	0.6	0.003				
CAOND150484	159.6	160.7	1.1	0.118				
CAOND150485	160.7	161.8	1.1	0.006				

Hole number: KLAN20-096

160.80, 160.90, QTZ, 10.00, -, -, -, -, -, -, BRC, PYR, 20.00, Brecciated and discontinuous 1-2cm thick qtz vein with patches of 20% Py in margins
161.20, 161.80, QTZ, 25.00, -, -, -, -, -, -, BRC, PYR, 20.00, 25% brecciated and patchy qtz veinining with patches of Py at contacts and in margins

Major: **From:** 161.80 **To:** 163.40 S10, Chert

Composition: Medium to dark grey, fine grained, chaotic, possibly brecciated; S10 - Chert Magnetism: None Veinning: 1% fracture filling calcite Structure: Brecciation and healed microfracturing?? Local remnant laminations at 40-50 TCA Alteration: none? Mineralization: 1x 0.25cm thick Py stringer parallel to laminations Lower Contact: Sharp at 60 TCA

MINOR INTERVAL

162.90 - 163.40: SComposition: Various shades of medium green, dominantly fine grained and mafic composition with 1x 5cm round qtz pebble, fine-discontinuous laminations; S - sediment Magnetism: None Veinning: None Structure: Moderate fine-discontinuous laminations at 40-50 TCA Alteration: unknown Mineralization: 2-3% spotted Py mineralization Lower Contact: Irregular and chaotic

MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
162.90, 163.40, PYR, PAT, 2.00, -, FGR, 2-3% fine grained spotty Py

STRUCTURE

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
162.90, 163.40, FOL, MOD, 65.00, -, -, -, Moderate to strong foliation/discontinuous fine lamination

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150486	161.8	162.9	1.1	0.018				
CAOND150487	162.9	163.4	0.5	0.003				

Major: **From:** 163.40 **To:** 186.10 Mam, Amphibolite

Composition: Dark green, medium and coarse grained, weakly porphyritic, dominantly composed of elongated and blebby amphibole. Mam - Amphibolite. Magnetism: Moderate to strongly magnetic Veinning: 5-10% chaotic and discontinuous calcite veinning Structure: Local weak foliation Alteration: Moderate spotted calcite alteration Mineralization: 2-3% randomly distributed throughout Lower Contact: Sharp and straight, oriented at 65 TCA

MINOR INTERVAL

182.00 - 183.00: I2DmComposition: Dark slight purplish grey, medium grained, heterogeneous; I2Dm - Mafic Syenite?? Magnetism: None Veinning: None Structure: Rare preferential alignment Alteration: Moderate to strong pervasive calcite alteration Mineralization: 1-2% very fine grained disseminated Py Lower Contact: Sharp, straight at 90 TCA

MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
163.40, 171.00, PYR, PAT, 1.00, -, FGR, -
171.00, 172.50, PYR, PAT, 2.00, -, FGR, -
172.50, 173.50, PYR, PAT, 5.00, -, FGR, -
173.50, 182.00, PYR, PAT, 2.00, -, FGR, -

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150488	163.4	164.0	0.6	0.003				
CAOND150489	164.0	165.0	1.0	0.005				
CAOND150491	184.0	185.0	1.0	0.003				
CAOND150492	185.0	186.1	1.1	0.009				

Hole number: KLAN20-096

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
182.00, 183.00, CAL+, PEN, MOD, -, -, -, Moderate to strong pervasive calcite alteration

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
168.00, 169.30, CAL, 10.00, -, -, -, -, GRY_00025, -, -, -, -, 10% irregular and discontinuous calcite veinning
169.30, 173.00, CAL, 5.00, -, -, -, -, GRY_00025, -, -, -, -, 5% irregular and discontinuous calcite veinning
173.00, 174.00, CAL, 8.00, -, -, -, -, GRY_00025, -, -, -, -, 8% irregular and discontinuous calcite veinning
174.00, 182.00, CAL, 5.00, -, -, -, -, GRY_00025, -, -, -, -, 5% irregular and discontinuous calcite veinning

Major: **From:** 186.10 **To:** 191.50 S10, Chert

Composition: Beige and grey, fine grained, combination of V7, S4GP, S and mainly S10. Magetism: Not magnetic. Veining: 2% massive py veins. Structure: none (bedding in S10 and S) Alteration: None Mineralization: see veining Lower Contact: Gradual.

MINERALIZATION
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
188.40, 191.50, PYR, VEN, 2.00, -, FGR, -

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
189.70, 189.90, BDD, MOD, 50.00, -, -, -, Sediment intercalation within larger chert package.

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
188.40, 191.50, PYR, 2.00, -, -, -, -, -, -, MAS, -, -, -

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150493	186.1	187.0	0.9	0.003				
CAOND150494	187.0	188.0	1.0	0.003				
CAOND150495	188.0	189.0	1.0	0.003				
CAOND150496	189.0	190.0	1.0	0.003				
CAOND150497	190.0	191.0	1.0	0.003				
CAOND150498	191.0	191.5	0.5	0.003				

Major: **From:** 191.50 **To:** 196.40 S4GP, Argillite noire graphiteuse cisaillée et faillée intercalée

Composition: black, fine grained, secondary small S intercalations. Magnetism: none Veinning: 5% massive py and chaotic calcite Structure: none (bedding) Alteration: none Mineralization: apart from py veining, additional 3% diss py Lower Contact: Sharp and straight, oriented at 25 TCA

MINERALIZATION
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
191.50, 193.00, PYR, VEN, 2.00, -, FGR, -
193.00, 195.80, PYR, VEN, 8.00, -, FGR, -
195.80, 196.40, PYR, FRF, 1.00, -, VFG, -

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150499	191.5	192.0	0.5	0.003				
CAOND150759	192.0	193.0	1.0	0.006				
			New sample sequence.					
CAOND150761	193.0	194.0	1.0	0.008				
CAOND150762	194.0	195.0	1.0	0.006				
CAOND150763	195.0	196.4	1.4	0.006				

Hole number: KLAN20-096

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
191.50, 193.00, PYR, 2.00, -, -, -, -, -, -, MAS, -, -, -
193.00, 195.80, PYR, 8.00, -, -, -, -, -, -, MAS, -, -, -

Major: **From:** 196.40 **To:** 202.25 V7, BASALTE

Composition: med-fine grained, massive, dark green-grey Magnetism: none Veinning: mainly chaotic cal veinlets Structure: none Alteration: mod leucoxene Mineralization: zones with 1% py ff and str Lower Contact: Sharp and straight, oriented at 70 TCA

MINERALIZATION
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
196.40, 199.30, PYR, FRF, 1.00, -, VFG, -
201.80, 202.25, PYR, VEN, 4.00, -, FGR, -

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
200.00, 202.25, CAL, 5.00, -, -, -, -, GRY_00025, -, CAO, -, -, -
201.80, 202.25, PYR, 4.00, -, -, -, -, -, -, MAS, -, -, -

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150764	196.4	197.0	0.6	0.003				
CAOND150765	197.0	198.0	1.0	0.003				
CAOND150766	198.0	199.0	1.0	0.006				
CAOND150767	199.0	200.0	1.0	0.003				
CAOND150768	200.0	201.0	1.0	0.003				
CAOND150769	201.0	202.3	1.3	0.003				

Major: **From:** 202.25 **To:** 218.50 S4GP, Argillite noire graphiteuse cisaillée et faillée intercalée

Composition: Black, fine grained, banded. Top contact area contains small V7, S10 and S intercalations. Magnetism: none Veinning: 5% massive py, few qtz-cb Structure: none (bedding) Alteration: none Mineralization: see veining Lower Contact: Sharp and straight, oriented at 40 TCA

MINOR INTERVAL
202.80 - 205.80: SVariable sed unit (chert, argillite, S4GP), very siliceous, grey, fine-grained, 1% diss py, laminated and brecciated textures.

MINOR INTERVAL
205.80 - 206.30: V7

MINOR INTERVAL
214.25 - 214.60: I2

MINERALIZATION
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
202.25, 203.40, PYR, VEN, 4.00, -, FGR, -
203.40, 206.70, PYR, DIS, 1.00, -, FGR, -
206.70, 218.50, PYR, VEN, 5.00, -, FGR, -

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
217.20, 217.60, FOL, MOD, 45.00, -, -, -, Shearing/foliation. With associated qtz-cb vein infill.

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150771	202.3	202.8	0.6	0.009				
CAOND150772	202.8	204.0	1.2	0.008				
CAOND150773	204.0	205.0	1.0	0.009				
CAOND150774	205.0	205.8	0.8	0.005				
CAOND150776	205.8	207.2	1.4	0.007				
CAOND150777	207.2	208.0	0.8	0.011				
CAOND150778	208.0	209.0	1.0	0.043				
CAOND150779	209.0	210.0	1.0	0.014				
CAOND150781	210.0	211.0	1.0	0.013				
CAOND150782	211.0	212.0	1.0	0.017				
CAOND150783	212.0	213.0	1.0	0.031				
CAOND150784	213.0	214.1	1.1	0.020				
CAOND150785	214.1	214.6	0.5	0.003				
CAOND150786	214.6	216.0	1.4	0.013				
CAOND150787	216.0	217.1	1.1	0.018				
CAOND150788	217.1	217.7	0.6	0.020				

Hole number: KLAN20-096

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COM
NTS
202.25, 203.40, PYR, 4.00, -, -, -, -, -, -, MAS, -, -, -
206.70, 218.50, PYR, 5.00, -, -, -, -, -, -, MAS, -, -, -
217.20, 217.60, QtzCalChl, 50.00, 45.00, -, -, -, GRY_00025, -, SHR, -, -, 50/50 qtz/cb

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150789	217.7	218.5	0.8	0.023				

Major: **From:** 218.50 **To:** 220.75 V7, BASALTE

Composition: massive, green-grey, fine-med grained, cherty intercalations towards top and bottom contacts Magnetism: none Veinning: minimal Structure: none Alteration: none Mineralization: 5% diss, ff and str py (within cherty sections) Lower Contact: Sharp and straight, oriented at 30 TCA

MINERALIZATION
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
218.50, 220.75, PYR, VEN, 5.00, -, FGR, -

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COM
NTS
218.50, 220.75, PYR, 5.00, -, -, -, -, -, -, MAS, -, -, -

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150791	218.5	219.5	1.0	0.003				
CAOND150792	219.5	220.8	1.3	0.003				

Major: **From:** 220.75 **To:** 222.00 S4GP, Argillite noire graphiteuse cisaillée et faillée intercalée

Small S4GP unit, bedded, 3% diss py, black, fine grained.

MINERALIZATION
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
220.75, 222.00, PYR, VEN, 5.00, -, FGR, -

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COM
NTS
220.75, 222.00, PYR, 5.00, -, -, -, -, -, -, MAS, -, -, -

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150793	220.8	222.0	1.3	0.012				

Major: **From:** 222.00 **To:** 268.80 V7, BASALTE

Composition: massive, fg-mg. green-grey to green-dark grey, localized bx texture Magnetism: wk Veinning: mainly 10% chaotic calcite, occasional qtz-cb veins Structure: occasional shear structures Alteration: localized wk chl Mineralization: variable py throughout, 0.5-5% diss Lower Contact:

MINOR INTERVAL
223.90 - 224.40: I2
MINOR INTERVAL
225.60 - 225.95: I2
MINOR INTERVAL
260.20 - 260.70: I2

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150794	222.0	223.0	1.0	0.003				
CAOND150795	223.0	223.9	0.9	0.003				
CAOND150796	223.9	224.4	0.5	0.003				
CAOND150797	224.4	225.6	1.2	0.003				
CAOND150798	225.6	226.3	0.7	0.007				
CAOND150799	226.3	227.5	1.2	0.003				
CAOND150801	227.5	229.0	1.5	0.003				

Hole number: KLAN20-096

MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

222.00, 223.90, PYR, VEN, 5.00, -, FGR, -
229.30, 233.30, PYR, DIS, .50, -, FGR, -
233.30, 236.00, PYR, DIS, 5.00, -, FGR, -
236.00, 249.30, PYR, DIS, .50, -, FGR, -
249.30, 268.80, PYR, DIS, 1.00, -, FGR, -

ALTERATION

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

229.00, 233.00, CHL+, PEN, MOD, -, -, -, mod wispy to perv chl alt
234.00, 235.00, SER+, WIS, WEAK, -, -, -, associated with shearing/foliation
235.80, 268.80, MAG+, PAT, WEAK, -, -, -, wk-mod mt alt
244.00, 247.00, CAL+, BRC, -, -, -, -, -
260.00, 260.80, SER+, PAT, WEAK, -, -, -, Wk patchy SER associated with I2 intrusion.
261.00, 268.80, CBT+, PAT, WEAK, -, -, -, Patchy wk ser and carb throughout
263.60, 267.10, SIC+, PEN, MOD, -, -, -, Pervasive mod silicification.

STRUCTURE

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

230.50, 231.10, FOL, MOD, 70.00, -, -, -, Shearing/foliated.
233.80, 235.40, FOL, MOD, 50.00, -, -, -, Shearing/foliation. With large brecciated qtz veins. 5% py diss.

VEIN

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

222.00, 223.90, PYR, 5.00, -, -, -, -, -, MAS, -, -, -
222.10, 223.50, CAL, 10.00, -, -, -, -, GRY_00025, -, BRC, PYR, 10.00, -
223.50, 223.90, QtzCalChl, 10.00, 5.00, -, -, -, GRY_00025, -, BRC, PYR, 5.00, more cb than qtz
225.95, 226.30, CAL, 20.00, -, -, -, -, GRY_00025, -, CAO, -, -, -
230.50, 231.10, QtzCbtChl, 10.00, 80.00, -, -, -, GRY2_BASIC, -, MAS, -, -, more qtz than cb. qtz is smoky.
233.90, 235.30, QTZ, 60.00, 45.00, -, -, -, GRY_00025, -, BRC, PYR, 5.00, Sheared/foliated zone with few large qtz veins.
235.60, 235.80, QtzCbtChl, 80.00, -, -, -, -, GRY2_BASIC, -, WLA, PYR, .50, More cb than qtz.
244.10, 245.50, QtzCbt, 2.00, -, -, -, -, GRY2_BASIC, -, MAS, PYR, 5.00, Zone with small qtz-cb veinlets. More qtz than cb.
249.50, 249.85, QtzCbtChl, 15.00, -, -, -, -, GRY2_BASIC, -, MAS, -, -, More cb than qtz.
252.05, 252.17, QtzCbtChl, 15.00, 30.00, -, -, -, GRY_00025, -, STG, PYR, 5.00, Coarse py clusters. CB-Dominated.
254.08, 254.18, QtzCbtChl, 80.00, 50.00, -, -, -, GRY_00025, -, LAM, PYR, 2.00, Fine disseminated py, laminations of CL. CB-Dominated.

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150802	229.0	230.5	1.5	0.003				
CAOND150803	230.5	231.1	0.6	0.192				
CAOND150804	231.1	232.2	1.1	0.005				
CAOND150805	232.2	233.3	1.1	0.003				
CAOND150806	233.3	233.8	0.5	0.003				
CAOND150807	233.8	234.5	0.7	0.006				
CAOND150808	234.5	235.5	1.0	0.010				
CAOND150809	235.5	236.0	0.5	0.032				
CAOND150810	236.0	237.0	1.0	0.007				
CAOND150811	237.0	238.0	1.0	0.013				
CAOND150812	238.0	239.0	1.0	0.006				
CAOND150813	239.0	240.0	1.0	0.003				
CAOND150814	240.0	241.0	1.0	0.003				
CAOND150816	241.0	242.0	1.0	0.003				
CAOND150817	242.0	243.0	1.0	0.003				
CAOND150818	243.0	244.0	1.0	0.003				
CAOND150819	244.0	245.0	1.0	0.040				
CAOND150821	245.0	246.0	1.0	0.003				
CAOND150822	246.0	247.0	1.0	0.003				
CAOND150823	247.0	248.0	1.0	0.003				
CAOND150824	248.0	249.0	1.0	0.012				
CAOND150826	249.0	250.0	1.0	0.232				
CAOND150827	250.0	251.0	1.0	0.020				
CAOND150828	251.0	252.0	1.0	0.034				
CAOND150829	252.0	253.5	1.5	0.114				
CAOND150831	253.5	255.0	1.5	0.006				
CAOND150832	255.0	256.5	1.5	0.017				
CAOND150833	256.5	258.0	1.5	0.135				
CAOND150834	258.0	259.5	1.5	0.272				
CAOND150835	259.5	261.0	1.5	0.178				
CAOND150836	261.0	262.5	1.5	0.189				
CAOND150837	262.5	264.0	1.5	0.825				
CAOND150838	264.0	265.5	1.5	0.350				

Hole number: KLAN20-096

257.00, 268.80, CBT, 2.00, -, -, -, -, GRY_00025, -, VNT, -, -, Scattered irregular veinlets of carbonate throughout.
258.70, 258.90, QtzCbtChl, 5.00, 70.00, -, -, -, GRY_00025, -, VNT, PYR, 5.00, Clusters of subhedral pyrite. Millimetric stringers, carb-dominated.
259.45, 259.52, QtzCbtChl, 10.00, 80.00, -, -, -, GRY_00025, -, VNT, PYR, 1.00, Qz-dominated, fine disseminated py.
259.52, 259.60, QtzCbtChl, 25.00, 50.00, -, -, -, PNK2_BASIC, -, MAS, PYR, .50, Pinkish white stringer, tr specks of fine PY. CB-dominated.
266.24, 266.72, QtzCbtChl, 3.00, -, -, -, -, GRY_00025, -, IRR, -, -, Irreguar qtz-domnated veinlets with subhedral pyrite.
266.30, 266.33, QtzCbtChl, 60.00, 70.00, -, -, -, GRY_00025, -, BOD, PYR, .50, Qtz-dominated stringer, boudined w/ tr specks of fine py.

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150839	265.5	267.0	1.5	0.050				
CAOND150840	267.0	267.9	0.9	0.199				
CAOND150841	267.9	268.8	0.9	0.012				

Major: **From:** 268.80 **To:** 272.70 qfp, Quartz Feldspar Porphyry

Light pink quartz feldspar porphyry with ~0.5cm phenocrysts of anhedral to subhedral grey quartz and white feldpar. Patchy flooding of white quartz and common chl fracture fills. Pervasive wk HEM alt'n and mod silicification . Increasing SER content towards lower contact. Sharp contacts at 75° and 35°. Common fine disseminated pyrite throughout (about 2%)

MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
268.80, 270.50, PYR, DIS, 3.00, -, FGR, -
270.50, 272.70, PYR, DIS, .50, -, FGR, -

ALTERATION

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
268.80, 271.70, K+, PEN, WEAK, -, -, -, Pervasive wk K-alt'n of QFP.
270.50, 271.70, SER+, PEN, MOD, -, -, -, Pervasive mod SER.
271.70, 272.10, K+, PAT, MOD, -, -, -, Mod K-alt'n, pervasive.
272.10, 272.70, TLC+, PEN, MOD, -, -, -, Pervasive talcose alt'n of ultramafics.

STRUCTURE

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
271.60, 272.70, GGE, STRONG, -, -, -, -, Large amounts of fault gouge.

VEIN

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
268.95, 270.41, QTZ, 10.00, -, -, -, -, GRY_00025, -, PAT, -, -, Patchy white quartz through the QFP.
270.50, 270.90, CAL, 5.00, -, -, -, -, GRY_00025, -, STW, -, -, CC STW associated w/ SER alt'n.

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150842	268.8	269.7	0.9	0.135				
CAOND150843	269.7	270.5	0.8	0.156				
CAOND150844	270.5	271.7	1.2	0.039				
CAOND150846	271.7	272.7	1.0	0.048				

Major: **From:** 272.70 **To:** 273.00 CNR, Core Not Recovered

30 cm of lost core due to the Cadillac-Lader Break.

MINERALIZATION

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
KLAN20-096_LC_001	272.7	273.0	0.3					

Hole number: KLAN20-096

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
272.70, 273.00, PYR, DIS, .50, -, FGR, -

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
272.70, 273.00, TLC+, PEN, MOD, -, -, -, Pervasive talcose alt'n of ultramafics.

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
272.70, 273.00, GGE, STRONG, -, -, -, -, Large amounts of fault gouge.
272.70, 273.00, CNR, -, -, -, -, -, -
272.70, 273.00, FZN, STRONG, -, -, -, -, Cadillac-Lader Break. with strong amounts of gouge.

Major: **From:** 273.00 **To:** 274.30 fltzn, fault zone

Cadillac-Lader Break, Heavily fractured with very strong gouge. Host is the ultramafics, with minor fragments of the QFP. Dark grey green in colour.

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150847	273.0	274.3	1.3	0.010				

MINERALIZATION
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
273.00, 274.30, PYR, DIS, .50, -, FGR, -

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
273.00, 274.30, TLC+, PEN, MOD, -, -, -, Pervasive talcose alt'n of ultramafics.
273.10, 274.30, CHL+, PEN, STRONG, -, -, -, Strong pervasive black chlorite alt'n.

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
273.00, 274.30, GGE, STRONG, -, -, -, -, Large amounts of fault gouge.
273.00, 274.30, FZN, STRONG, -, -, -, -, Cadillac-Lader Break. with strong amounts of gouge.

Major: **From:** 274.30 **To:** 276.00 CNR, Core Not Recovered

1.7m of Lost core through the Cadillac-Lader Break.

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
KLAN20-096_LC_002	274.3	276.0	1.7					

MINERALIZATION
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
274.30, 276.00, PYR, DIS, .50, -, FGR, -

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
274.30, 276.00, TLC+, PEN, MOD, -, -, -, Pervasive talcose alt'n of ultramafics.
274.30, 276.00, CHL+, PEN, STRONG, -, -, -, Strong pervasive black chlorite alt'n.

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

Hole number: KLAN20-096

274.30, 276.00, GGE, STRONG, -, -, -, -, Large amounts of fault gouge.
274.30, 276.00, FZN, STRONG, -, -, -, -, Cadillac-Lader Break. with strong amounts of gouge.
274.30, 276.00, CNR, -, -, -, -, -, -

Major: **From:** 276.00 **To:** 276.30 fltzn, fault zone

Cadillac-Lader break, same as above.

MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

276.00, 276.30, PYR, DIS, .50, -, FGR, -

ALTERATION

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

276.00, 276.30, TLC+, PEN, MOD, -, -, -, Pervasive talcose alt'n of ultramafics.
276.00, 276.30, CHL+, PEN, STRONG, -, -, -, Strong pervasive black chlorite alt'n.

STRUCTURE

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

276.00, 276.30, FZN, STRONG, -, -, -, -, Cadillac-Lader Break. with strong amounts of gouge.
276.00, 276.30, FOL, WEAK, 70.00, -, -, -, -

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150848	276.0	277.4	1.4	0.003				

Major: **From:** 276.30 **To:** 312.70 U, Ultramafic Volcanics

Ultramafics, with strong ductile deformation (strongly foliated with local gentle folding). Strongly chloritic and talc/carb-rich with intervals of moderate KSP alt'n giving a pink colour. Abundant fine disseminated pyrite throughout (2-3% generally, locally up to 5%). Many slips throughout have some about of gouge. Common qtz-carb veining throughout, usually carb dominated, qtz-rich veining appears towards the bottom of interval, and usually has a slightly purple hue. Most common joint and foliation orientations appears to be ~40-50° tca, but locally is near perpendicular tca.

MINOR INTERVAL

281.00 - 282.40: V7K-Altered and foliated basalts with trace specks of pyrite.

MINOR INTERVAL

290.40 - 290.50: I2Black to red intermediate intrusive with sheared margins 70° tca. Fine disseminated py throughout. Pervasively magnetic.

MINOR INTERVAL

291.40 - 291.60: I2Pink to red intermediate intrusive with euhedral altered feld phenos. Sharp contacts 70° tca. Pervasively magnetic.

MINOR INTERVAL

293.10 - 293.20: I2Red to black intermediate intrusive with sheared margins 30° tca. Fg to mg subhedral to euhedral feld phenos throughout with minor specks of fg subhedral py. Pervasively magnetic.

MINOR INTERVAL

304.40 - 304.50: I2Sheared intermediate intrusive with sharp contacts 70° tca. Abundant altered fg feld phenos that are elongated. Tr fg specks of subhedral py. Pervasively magnetic.

MINOR INTERVAL

307.40 - 307.90: I3OBiotite-rich lamprophyre foliated 45° with contacs at the same angle. Common

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150849	277.4	278.5	1.1	0.003				
CAOND150851	278.5	279.5	1.0	0.003				
CAOND150852	279.5	280.4	0.9	0.003				
CAOND150853	280.4	281.5	1.1	0.003				
CAOND150854	281.5	282.5	1.0	0.003				
CAOND150855	282.5	284.0	1.5	0.003				
CAOND150856	284.0	285.0	1.0	0.003				
CAOND150857	285.0	286.2	1.2	0.003				
CAOND150858	286.2	287.2	1.0	0.003				
CAOND150859	287.2	288.0	0.8	0.003				
CAOND150861	288.0	289.5	1.5	0.003				
CAOND150862	289.5	291.0	1.5	0.003				
CAOND150863	291.0	292.5	1.5	0.003				
CAOND150864	292.5	294.0	1.5	0.003				
CAOND150865	294.0	295.5	1.5	0.003				
CAOND150866	295.5	297.0	1.5	0.003				
CAOND150867	297.0	298.5	1.5	0.003				

Hole number: KLAN20-096

irregular pink qtz-rich qtz-carb veining. Abundant fg to mg subhedral to euhedral py. Pervasively magnetic.

MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

276.30, 276.50, PYR, DIS, .50, -, FGR, -
276.50, 282.50, PYR, DIS, 2.00, -, FGR, -
285.00, 287.20, PYR, DIS, 5.00, -, FGR, -
291.00, 305.00, PYR, DIS, .50, -, FGR, -
305.00, 307.40, PYR, DIS, 1.00, -, FGR, -
307.40, 307.90, PYR, DIS, 3.00, -, FGR, -
307.90, 312.40, PYR, DIS, 1.00, -, FGR, -
312.40, 312.70, PYR, DIS, 10.00, -, VFG, -

ALTERATION

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

276.30, 312.40, TLC+, PEN, MOD, -, -, -, Pervasive talcose alt'n of ultramafics.
276.30, 312.70, CHL+, PEN, STRONG, -, -, -, Strong pervasive black chlorite alt'n.
277.40, 282.50, K+, PEN, MOD, -, -, -, Pervasive mod K-alt'n
277.42, 279.80, MAG+, PEN, MOD, -, -, -, -
280.60, 282.50, MAG+, PEN, MOD, -, -, -, -
285.00, 287.20, K+, PEN, MOD, -, -, -, Pervasive mod K-alt'n
285.10, 287.20, MAG+, PEN, MOD, -, -, -, -
287.30, 305.00, K+, PAT, WEAK, -, -, -, Weak patchy K-alt'n.

STRUCTURE

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

276.30, 277.00, FOL, WEAK, 70.00, -, -, -, -
279.00, 288.00, GGE, WEAK, -, -, -, -, Weak amounts of gouge throughout, coating slip surfaces.
281.00, 282.40, FOL, WEAK, 60.00, -, -, -, -
289.00, 290.00, GGE, MOD, -, -, -, -, Seams of gouge up to 2cm wide.
290.00, 301.00, GGE, WEAK, -, -, -, -, Weak amounts of gouge throughout, coating slip surfaces
292.00, 293.00, FOL, WEAK, 50.00, -, -, -, -
293.00, 294.00, FOL, WEAK, 45.00, -, -, -, -
298.00, 299.00, FOL, WEAK, 50.00, -, -, -, -
301.00, 306.00, GGE, STRONG, -, -, -, -, Mod to strong amounts of gouge where the ultramafics are almost entirely replaced.
301.10, 302.40, GGE, MOD, -, -, -, -, Patches of mod gouge throughout the ultramafics.
303.00, 305.00, FOL, MOD, 60.00, -, -, -, -
305.00, 306.00, FOL, STRONG, 45.00, -, -, -, -
308.00, 308.50, AXP, MOD, 40.00, -, -, -, Very gentle folding within the ultramafics, likely a local feature.
310.00, 311.00, FOL, MOD, 65.00, -, -, -, -

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150868	298.5	300.0	1.5	0.003				
CAOND150869	300.0	301.5	1.5	0.003				
CAOND150871	301.5	303.0	1.5	0.006				
CAOND150872	303.0	304.5	1.5	0.003				
CAOND150873	304.5	306.0	1.5	0.003				
CAOND150874	306.0	307.0	1.0	0.003				
CAOND150876	307.0	308.0	1.0	0.009				
CAOND150877	308.0	308.8	0.8	0.003				
CAOND150878	308.8	309.3	0.5	0.005				
CAOND150879	309.3	310.0	0.7	0.003				
CAOND150881	310.0	310.9	0.9	0.032				
CAOND150882	310.9	311.9	1.0	0.023				
CAOND150883	311.9	312.7	0.8	0.022				

Hole number: KLAN20-096

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
277.00, 312.70, TLC, 5.00, -, -, -, -, GRY_00025, -, IRR, -, -, Irregular talcose veins throughout the ultramafics, usually along foliation.
277.45, 287.20, QtzCbtChl, 5.00, -, -, -, -, GRY_00025, -, MAS, PYR, .50, Qz-dominated stringers and veins q/ QZ-CB-CL±PY usually associated w/ K-Mt alt'n, rare in unaltered ultramafics.
292.40, 292.50, QtzCbt, 60.00, 60.00, -, -, -, GRY2_BASIC, -, VUG, -, -, Slightly mottled grey qtz-carb vein, very vuggy. No sulphides.
300.20, 300.28, QtzCbt, 50.00, 60.00, -, -, -, GRY2_BASIC, -, PAT, -, -, Patchy grey qtz-carb vein ith no sulphides.
306.77, 306.85, QtzCbtChl, 40.00, 55.00, -, -, -, GRY_00025, -, FLP, PYR, .50, Cb-dominated qz-cb vein with CL and PY along margins.
307.40, 307.90, QtzCbtChl, 35.00, -, -, -, -, PNK2_BASIC, -, PAT, PYR, 5.00, Patchy pink QZ-CB-CL-PY veining. PY is fg to cg and subhedral to euhedral. Veining occupies the lamprophyre intrusion.
308.88, 309.12, CBT, 80.00, 55.00, -, -, -, PRP2_BASIC, -, SDL, PYR, 1.00, Purple CB-MT-CL-PY veining, slight irregular with a sugary texture. Purple colour is due to finely disseminated magnetite.
310.86, 311.15, QtzCbtChl, 40.00, 65.00, -, -, -, PRP2_BASIC, -, FLP, PYR, .50, Purplish QZ-CB-CL-PY veining with trace specks of fine pyrite. QZ-dominated and rarely mildly boudinaged.
311.26, 311.85, QtzCalChl, 75.00, 60.00, -, -, -, PRP2_BASIC, -, FLP, -, -, Similar to above, lacking pyrite, and more intensely veined. Veins up to 30cm core length.
312.00, 312.05, QtzCbtChl, 60.00, 70.00, -, -, -, PRP2_BASIC, -, FLP, PYR, 5.00, Vein similar to above, with signficant disseminations of pyrite.
312.20, 312.30, QtzCbtChl, 80.00, 65.00, -, -, -, GRY_00025, -, IRM, CPY, .50, CB-dominated irregular but fairly massive CB-QZ-CL veining with slightly smokey qz and a speck of cpy along margins.

Major: **From:** 312.70 **To:** 313.40 qfp, Quartz Feldspar Porphyry

Quartz feldspar porphyry, similar to above, with stronger alteration and quartz flooding, and more disseminated pyrite (3-5%).

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150884	312.7	313.4	0.7	0.047				

MINERALIZATION
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
312.70, 313.40, PYR, DIS, 25.00, -, FGR, -

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
312.70, 313.40, K+, PEN, MOD, -, -, -, Pervasive mod K-alt'n.

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
312.70, 313.40, TLC, 5.00, -, -, -, -, GRY_00025, -, IRR, -, -, Irregular talcose veins throughout the ultramafics, usually along foliation.

Hole number: KLAN20-096

Major: **From:** 313.40 **To:** 322.90 S3, GRAUWACKE

Grey-green greywackes, fine grained to medium grained with bedding 70° tca. Any ductile deformation present appears to be along bedding. Low angle displacements with a clockwise roation occassionally present. Qtz-carb veins are boudinaged along bedding.

MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

313.40, 314.50, PYR, DIS, 5.00, -, VFG, -
314.50, 322.90, PYR, DIS, 3.00, -, FGR, -
322.25, 322.30, PYR, VNT, 10.00, -, FGR, In 2 pyrite seams, millimetric size. Bedding prll.

ALTERATION

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

313.40, 314.10, K+, PEN, MOD, -, -, -, Pervasive mod K-alt'n.
313.40, 314.50, MAG+, PEN, MOD, -, -, -, Pervasive MT alt'n through the shearing.
313.40, 314.50, MAG+, DIS, MOD, -, -, -, Disseminated MT through the shear.
313.40, 322.90, CHL+, PEN, MOD, -, -, -, Pervasive mod green chl alt'n.
314.50, 322.90, SER+, PAT, WEAK, -, -, -, Very weak patchy SER through the greywackes.

STRUCTURE

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

313.40, 314.10, SHR, MOD, 65.00, -, -, -, Moderate shearing of the ultramafics, with fine disseminated pyrite throughout.
314.50, 322.90, BED, MOD, 70.00, -, -, -, Weak to mod bedding 70° throughout te greywackes.
321.00, 322.00, FOD, MOD, 10.00, -, -, -, Displacements within the greywackes, with a clockwise rotation at a low but variable angle to core axis.
322.50, 322.90, FOD, MOD, 15.00, -, -, -, Displacements within the greywackes, with a clockwie roation at a low ange to core axis.

VEIN

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

313.40, 314.50, TLC, 5.00, -, -, -, -, GRY_00025, -, IRR, -, -, Irregular talcose veins throughout the ultramafics, usually along foliation.
315.95, 316.70, QtzCbtChl, 50.00, 70.00, -, -, -, PRP2_BASIC, -, FLP, PYR, 1.00, QZ-CB-CL-SE-PY veining, generally foliation prll, qz-dominated, fine disseminated py throughout.
316.80, 319.40, QtzCbt, 5.00, 70.00, -, -, -, GRY_00025, -, BOD, PYR, .50, Scattered QZ-CB veins and stringers that are boudinaged. QZ dominated with trace specks of fine py.
322.25, 322.30, PYR, 10.00, 80.00, -, -, -, BRW2_BASIC, -, BDN, PYR, 100.00, Two millimetric pyrite seams that appear to be bedding prll.

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150885	313.4	314.0	0.6	0.011				
CAOND150886	314.0	314.5	0.5	0.003				
CAOND150887	314.5	315.0	0.5	0.008				
CAOND150888	315.0	315.9	0.9	0.059				
CAOND150889	315.9	316.8	0.9	0.020				
CAOND150891	316.8	318.0	1.2	0.009				
CAOND150892	318.0	319.5	1.5	0.009				
CAOND150893	319.5	321.0	1.5	0.005				
CAOND150894	321.0	322.0	1.0	0.043				
CAOND150895	322.0	322.9	0.9	0.010				

Hole number: KLAN20-096

Major: **From:** 322.90 **To:** 324.00 S4, ARGILITE

Grey green argillites, with very weak bedding 70° tca. Very fine grained. Minor amounts of fine, well-formed pyrite. Minor qtz-carb-chl veining that are qtz dominated.

MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

322.90, 324.00, PYR, DIS, 3.00, -, FGR, -

ALTERATION

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

322.90, 324.00, CHL+, PEN, MOD, -, -, -, Pervasive mod green chl alt'n.

STRUCTURE

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

322.90, 322.99, FOD, MOD, 15.00, -, -, -, Displacements within the greywackes, with a clockwie roation at a low ange to core axis.

322.90, 324.00, BED, TRACE, 70.00, -, -, -, Very weak bedding in the argillites.

VEIN

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

322.90, 324.00, QtzCbtChl, 10.00, 60.00, -, -, -, GRY_00025, -, IRM, PYR, 3.00, Series of QZ-CB-CL-SE-PY veins, irregular and massive. Fine disseminated pyrite throughout.

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150896	322.9	324.0	1.1	0.007				

RQD

From	To	Quality (%)	Recov.(%)	C.A.	Break	Disking	Comment
12.0	15.0	53.00	100.00			N	
15.0	18.0	77.00	100.00			N	
18.0	21.0	63.00	100.00			N	
21.0	24.0	90.00	100.00			N	
24.0	27.0	93.00	100.00			N	
27.0	30.0	67.00	100.00			N	
30.0	33.0	67.00	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	83.00	100.00			N	
45.0	48.0	73.00	100.00			N	

Hole number: KLAN20-096

RQD

From	To	Quality (%)	Recov.(%)	C.A.	Break	Disking	Comment
48.0	51.0	57.00	100.00			N	
51.0	54.0	50.00	100.00			N	
54.0	57.0	80.00	100.00			N	
57.0	60.0	90.00	100.00			N	
60.0	63.0	83.00	100.00			N	
63.0	66.0	70.00	100.00			N	
66.0	69.0	73.00	100.00			N	
69.0	72.0	57.00	100.00			N	
72.0	75.0	77.00	100.00			N	
75.0	78.0	73.00	100.00			N	
78.0	81.0	73.00	100.00			N	
81.0	84.0	90.00	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	87.00	100.00			N	
93.0	96.0	87.00	100.00			N	
96.0	99.0	77.00	100.00			N	
99.0	102.0	90.00	100.00			N	
102.0	105.0	97.00	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	87.00	100.00			N	
114.0	117.0	87.00	100.00			N	
117.0	120.0	100.00	100.00			N	
120.0	123.0	77.00	100.00			N	
123.0	126.0	95.00	100.00			N	
126.0	129.0	80.00	100.00			N	
129.0	132.0	97.00	100.00			N	

Hole number: KLAN20-096

RQD

From	To	Quality (%)	Recov.(%)	C.A.	Break	Disking	Comment
132.0	135.0	97.00	100.00			N	
135.0	138.0	93.00	100.00			N	
138.0	141.0	97.00	100.00			N	
141.0	144.0	90.00	100.00			N	
144.0	147.0	77.00	100.00			N	
147.0	150.0	73.00	100.00			N	
150.0	153.0	93.00	100.00			N	
153.0	156.0	93.00	100.00			N	
156.0	159.0	87.00	100.00			N	
159.0	162.0	43.00	100.00			N	
162.0	165.0	83.00	100.00			N	
165.0	168.0	97.00	100.00			N	
168.0	171.0	90.00	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	87.00	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	70.00	100.00			N	
189.0	192.0	77.00	100.00			N	
192.0	195.0	87.00	100.00			N	
195.0	198.0	90.00	100.00			N	
198.0	201.0	93.00	100.00			N	
201.0	204.0	93.00	100.00			N	
204.0	207.0	97.00	100.00			N	
207.0	210.0	90.00	100.00			N	
210.0	213.0	93.00	100.00			N	
213.0	216.0	93.00	100.00			N	

Hole number: KLAN20-096

RQD

From	To	Quality (%)	Recov.(%)	C.A.	Break	Disking	Comment
216.0	219.0	80.00	100.00			N	
219.0	222.0	90.00	100.00			N	
222.0	225.0	93.00	100.00			N	
225.0	228.0	86.00	100.00			N	
228.0	231.0	93.00	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	93.00	100.00			N	
240.0	243.0	90.00	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	97.00	100.00			N	
252.0	255.0	93.00	100.00			N	
255.0	258.0	87.00	100.00			N	
258.0	261.0	93.00	100.00			N	
261.0	264.0	80.00	100.00			N	
264.0	267.0	83.00	100.00			N	
267.0	270.0	77.00	100.00			N	
270.0	273.0	55.55	90.00			N	
273.0	276.0	0.00	43.00			N	
276.0	279.0	70.00	100.00			N	
279.0	282.0	83.00	100.00			N	
282.0	285.0	50.00	100.00			N	
285.0	288.0	80.00	100.00			N	
288.0	291.0	10.00	100.00			N	
291.0	294.0	33.00	100.00			N	
294.0	297.0	37.00	100.00			N	
297.0	300.0	33.00	100.00			N	

Hole number: KLAN20-096

RQD

From	To	Quality (%)	Recov.(%)	C.A.	Break	Disking	Comment
300.0	303.0	13.00	100.00			N	
303.0	306.0	17.00	100.00			N	
306.0	309.0	70.00	100.00			N	
309.0	312.0	77.00	100.00			N	
312.0	315.0	73.00	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	

AGNICO EAGLE

DRILL HOLE REPORT

EXPLORATION CANADA
ONTARIO

Hole number: KLAN20-097 | **Project Number:** A_MCBEAN | **Project name:** ANOKI-MCBEAN

Historic hole number:		**Collar survey:**	Y	**From:**	0.0	**Coordinates:**	P
System:	METRIC	**Verified:**		**To:**	498.0	**Grid:**	UTM83-17_CSRS-2010:
Target:	A_MCBEAN	**Gas:**	N	**Depth:**	498.0	**North:**	5,330,858.28
No. Claim:	PAT-29890	**Multishot survey:**	N	**Location:**	Surface	**East:**	587,010.23
Year:	2 020	**Is making water:**	N	**Core storage:**	Mine Site	**Elevation:**	309.57
Date started:	2020-06-26	**Object in hole:**	Y	**Contractor:**	Major Diamond Drilling	**Collar dip:**	-51.50
Date logged:	2020-06-30	**Pulse EM survey:**	N	**Logged by:**	Melanie Bouchard	**Collar azimuth:**	15.71
Date completed:	2020-07-04	**Plugged:**	Y	**Signature:**	Mélanie Bouchard		
Core size:	NQ	**Cemented:**	Y				
Hole type:	DDH	**Branch:**	N				
Casing:	Left in Hole, capped	**Reserve:**					
Logging status:	Signed						
Rig number:	0132						

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

Comment: Proposed hole: KLANP-1. Major drill rig: 132. Stabilisation = 1x 3m Hex core barrel and 1x 18inch shell. Testing eastern plunge of Anoki Main Zone. Logged by DHugo (0-176m) and MBouchard (176-294m EOH).

Survey data

Depth	Azimuth dec.	Dip dec.	Type	Flag	Comments
0.0	15.71	-51.50	S	O	Surveyed collar direction.
35.0	16.49	-50.65	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
59.0	17.66	-50.62	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
83.0	16.09	-50.84	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
107.0	17.99	-51.01	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
131.0	17.21	-51.25	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
155.0	16.52	-51.39	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
179.0	17.22	-51.07	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
203.0	18.54	-50.85	G	O	Champ Navigator North Seeking Single
0.0	18.09	-51.10	GC		Devialigner reading at setup.
47.0	15.82	-50.63	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
71.0	16.35	-50.76	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
95.0	17.30	-51.00	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
119.0	17.74	-51.00	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
143.0	18.28	-51.26	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
167.0	17.37	-51.30	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
191.0	17.82	-51.14	G	O	Champ Navigator North Seeking Single Shot Mode, by Major Shot Mode, by Major

Hole number: KLAN20-097

Survey data

Depth	Azimuth dec.	Dip dec.	Type	Flag	Comments
215.0	17.45	-50.73	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
239.0	17.18	-50.48	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
263.0	17.73	-50.41	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
287.0	17.13	-50.21	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
311.0	17.35	-50.28	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
335.0	17.16	-50.23	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
359.0	18.41	-50.37	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
383.0	17.13	-50.47	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
407.0	17.55	-50.62	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
431.0	17.66	-50.68	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
455.0	18.26	-50.59	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
479.0	17.11	-50.27	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
227.0	18.51	-50.75	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
251.0	17.86	-50.38	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
275.0	17.86	-50.14	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
299.0	18.02	-50.19	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
323.0	18.18	-50.32	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
347.0	19.06	-50.27	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
371.0	18.91	-50.50	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
395.0	17.35	-50.48	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
419.0	17.24	-50.56	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
443.0	16.70	-50.74	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
467.0	18.36	-50.50	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
491.0	16.04	-50.01	G	O	Champ Navigator North Seeking Single Shot Mode, by Major

Wedge

Depth	Wedge type	Comment
None		

Depth	Wedge type	Comment

Certificate
TM20143246
TM20145141
TM20147457
TM20148416

Sample dispatch	Lab package	Sample list*
CXE5505D20-05	Excaon1	CAOND150491 - CAOND150500 CAOND150759 - CAOND150950 CAOND150976 - CAOND150985
CXE5505D20-06	Excaon1	CAOND119194 - CAOND119295 CAOND150951 - CAOND150975 CAOND150986 - CAOND151000
CXE5505D20-07	Excaon1	CAOND119296 - CAOND119431

Sample number	Standard
CAOND119215	CDN-CM-27-AEM
CAOND119220	BLANK-DB
CAOND119230	CDN-CM-18-AEM
CAOND119245	CDN-CM-28-AEM
CAOND119260	CDN-CM-27-AEM
CAOND119270	BLANK-DB

Hole number: KLAN20-097

Sample dispatch	Lab package	Sample list*

*The sample list may content samples from other holes

Sample number	Standard
CAOND119275	CDN-CM-18-AEM
CAOND119290	CDN-CM-28-AEM
CAOND119315	CDN-CM-27-AEM
CAOND119320	BLANK-DB
CAOND119330	CDN-CM-18-AEM
CAOND119345	CDN-CM-28-AEM
CAOND119360	CDN-CM-27-AEM
CAOND119370	BLANK-DB
CAOND119375	CDN-CM-18-AEM
CAOND119390	CDN-CM-28-AEM
CAOND119415	CDN-CM-27-AEM
CAOND119420	BLANK-DB
CAOND119430	CDN-CM-18-AEM
CAOND150915	CDN-CM-27-AEM
CAOND150920	BLANK-DB
CAOND150930	CDN-CM-18-AEM
CAOND150945	CDN-CM-28-AEM
CAOND150960	CDN-CM-27-AEM
CAOND150970	BLANK-DB
CAOND150975	CDN-CM-18-AEM
CAOND150990	CDN-CM-28-AEM

Major: **From:** 0.00 **To:** 27.00 OVB, Overburden

Major: **From:** 27.00 **To:** 43.70 U, Ultramafic Volcanics

Composition: massive, fine-grained, dark blue-grey Magnetism: weakly magnetic Veinning: 5-15% calcite breccia Structure: occasional localized wk fol, single flt gouge and sheared interval Alteration: Zones with wk chl, mod ff talc Mineralization: patches with 0.5% fine to medium py Lower Contact: Sharp 50 degrees

MINOR INTERVAL
27.00 - 27.50: I1

MINOR INTERVAL
32.90 - 33.50: I3O

MINOR INTERVAL
38.20 - 38.90: I3O

MINOR INTERVAL
42.00 - 42.90: I3O

Hole number: KLAN20-097

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
27.50, 43.70, TLC+, VEN, MOD, GRN2_BASIC, -, -, mainly within calcite veins. also patchy and pervasive in areas.
32.90, 33.50, CHL+, PEN, MOD, RED_00001, -, -, -

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
32.90, 33.50, FOL, MOD, 50.00, -, -, -, -
34.85, 36.00, SHR, MOD, 45.00, -, -, -, flt gouge interval within
35.60, 35.80, FGO, STRONG, 25.00, -, -, -, -

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
27.50, 32.90, CAL, 5.00, -, -, -, -, GRY_00025, -, BRC, -, -, with talc
32.90, 38.10, CAL, 10.00, -, -, -, -, GRY_00025, -, BRC, -, -, with talc
38.10, 43.70, CAL, 5.00, -, -, -, -, GRY_00025, -, BRC, -, -, with talc

Major: **From:** 43.70 **To:** 45.40 I3O, Lamprophyre mafique

Composition: blackish grey, medium-grained, massive Magnetism: none Veinning: single qtz-cb vein Structure: none Alteration: wk-mod wispy chl Mineralization: none Lower Contact: Sharp but wavy

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
43.70, 45.40, TLC+, VEN, MOD, GRN2_BASIC, -, -, mainly within calcite veins. also patchy and pervasive in areas.

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
43.70, 45.40, CAL, 5.00, -, -, -, -, GRY_00025, -, BRC, -, -, with talc
44.10, 44.25, QtzCal, 30.00, -, -, -, -, GRY2_BASIC, -, MAS, -, -, qtz rich

Major: **From:** 45.40 **To:** 77.10 U, Ultramafic Volcanics

Composition: massive, fine-grained, dark blue-grey Magnetism: weakly magnetic Veinning: 5-15% calcite breccia Structure: occasional localized wk fol, single flt bx interval Alteration: Zones with wk chl, mod ff talc Mineralization: patches with 0.5% fine to medium py Lower Contact: very gradational, hard to identify

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
45.40, 77.10, TLC+, VEN, MOD, GRN2_BASIC, -, -, mainly within calcite veins. also patchy and pervasive in areas.

Hole number: KLAN20-097

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
68.70, 69.25, BRF, MOD, -, -, -, -, wavy low angled

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
45.40, 74.20, CAL, 5.00, -, -, -, -, GRY_00025, -, BRC, -, -, with talc
74.20, 77.10, CAL, 10.00, -, -, -, -, GRY_00025, -, BRC, -, -, with talc

Major: **From:** 77.10 **To:** 98.75 V7, BASALTE

Composition: massive, fine- to medium-grained, gabbro/basalt Magnetism: none Veinning: rare (calcite bx & qtz-cb veinlet) Structure: none Alteration: Zones with wk-mod wispy chl Mineralization: none Lower Contact: sharp bottom contact 60 dtca

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
77.10, 85.30, TLC+, VEN, MOD, GRN2_BASIC, -, -, mainly within calcite veins. also patchy and pervasive in areas.
87.80, 90.40, CHL+, WIS, WEAK, RED_00001, -, -, -

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
82.85, 83.40, FOL, WEAK, 45.00, -, -, -, -

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
77.10, 82.00, CAL, 10.00, -, -, -, -, GRY_00025, -, BRC, -, -, with talc
82.00, 85.30, CAL, 5.00, -, -, -, -, GRY_00025, -, BRC, -, -, with talc
91.24, 91.27, QtzCal, 100.00, -, -, -, -, GRY2_BASIC, -, MAS, -, -, qtz rich

Major: **From:** 98.75 **To:** 102.05 U, Ultramafic Volcanics

Composition: massive, fine- to medium grained, dark grey-greenish Magnetism: none to weak Veinning: - Structure: - Alteration: Zone with per mod talc Mineralization: - Lower Contact: sharp 60 dtca

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
98.75, 100.30, TLC+, PEN, MOD, GRN2_BASIC, -, -, -

Major: **From:** 102.05 **To:** 105.15 U, Ultramafic Volcanics

Composition: komatiite, spinifex texture, fine- to medium-grained, dark grey Magnetism: none Veinning: <5% cal Structure: none Alteration: cl mod ff Mineralization: none Lower Contact: gradational (hard to

Hole number: KLAN20-097

identify)

ALTERATION

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

102.05, 105.15, CHL+, FRF, MOD, RED_00001, -, -, -

Major: **From:** 105.15 **To:** 106.35 V7, BASALTE

Composition: massive, fine- to medium-grained, dark-grey Magnetism: none Veinning: none Structure: none Alteration: wk cl ff Mineralization: none Lower Contact: gradational

Major: **From:** 106.35 **To:** 107.85 U, Ultramafic Volcanics

Composition: massive to foliated, fine- to medium-grained, dark-grey greenish Magnetism: weak Veinning: 10% cal Structure: shear zone within, 60 dtca Alteration: wk per talc Mineralization: none Lower Contact: sharp bottom contact 60 dtca

ALTERATION

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

106.45, 107.85, TLC+, PEN, WEAK, GRN2_BASIC, -, -, -

STRUCTURE

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

106.35, 107.20, SHR, MOD, 60.00, -, -, -, with associated talc alt and cal veining

VEIN

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

106.45, 107.20, CAL, 10.00, -, -, -, -, GRY_00025, -, BRC, -, -, -

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150897	106.4	107.9	1.5	0.003				

Major: **From:** 107.85 **To:** 116.15 Mam, Amphibolite

Composition: massive, mm-scale dark-green amphibole amongst other mafic minerals and plag, fine- to medium-grained (not like typical coarse grained Mam) Magnetism: weak Veinning: 5% reddish qtz veins Structure: none Alteration: none Mineralization: 0.5-3% fine py, mainly in cluster form Lower Contact: sharp, at broken core

MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

108.20, 110.00, PYR, PAT, 3.00, -, FGR, ff, diss and mainly clustered py

115.60, 116.15, PYR, PAT, 2.00, -, FGR, py clusters

ALTERATION

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

107.85, 108.25, TLC+, PEN, WEAK, GRN2_BASIC, -, -, -

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
CAOND150898	107.9	108.9	1.1	0.006				
CAOND150899	108.9	110.0	1.1	0.006				
CAOND150901	110.0	111.5	1.5	0.003				
CAOND150902	111.5	112.5	1.0	0.003				
CAOND150903	112.5	113.5	1.0	0.003				
CAOND150904	113.5	115.0	1.5	0.003				
CAOND150905	115.0	116.2	1.2	0.003				

Hole number: KLAN20-097

108.90, 115.60, QTZ, 10.00, -, -, -, -, RED2_BASIC, -, MAS, -, -, -

Major: **From:** 116.15 **To:** 130.00 U, Ultramafic Volcanics

Composition: massive to foliated, fine- to medium-grained, dark-grey to grey-green Magnetism: none Veinning: localized vein zones zones with 10% cal-talc and 50% cb-cl veinlets Structure: shear zone within as well as localized mod fol zones (50-55 dtca) Alteration: localized zones with str per cl and mod talc vein alt Mineralization: none Lower Contact: sharp bottom contact, at broken core surface

ALTERATION

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

120.65, 121.50, TLC+, PEN, MOD, GRN2_BASIC, -, -, -
120.65, 124.80, CHL+, PEN, STRONG, RED_00001, -, -, -
126.95, 130.00, CHL+, PEN, STRONG, RED_00001, -, -, -

STRUCTURE

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

118.90, 119.70, FOL, MOD, 50.00, -, -, -, -
122.60, 124.60, FOL, MOD, 45.00, -, -, -, -
122.80, 123.00, FGO, MOD, -, -, -, -, Shearing with fgo
129.40, 129.75, FOL, MOD, 55.00, -, -, -, with 60% cb-cl veining

VEIN

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

117.70, 120.30, QtzCbtChl, 10.00, -, -, -, -, GRY_00025, -, MAS, -, -, more cb than qtz
129.40, 129.75, CalChl, 60.00, 50.00, -, -, -, GRY_00025, -, FOL, -, -, -

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150906	116.2	117.5	1.4	0.003				
CAOND150907	129.0	130.0	1.0	0.003				

Major: **From:** 130.00 **To:** 133.00 I2Dm, Mafic Syenite

Composition: massive, fine- to medium-grained, mm-scale acicular amph, sub-rounded qtz phenos Magnetism: none Veinning: none Structure: none Alteration: none Mineralization: 0.5% fg diss py Lower Contact: sharp bottom contact, along broken core surface

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150908	130.0	131.5	1.5	0.003				
CAOND150909	131.5	133.0	1.5	0.003				

Major: **From:** 133.00 **To:** 141.60 U, Ultramafic Volcanics

Composition: massive with loc foliated zones, grey-green, fine- to medium-grained Magnetism: none Veinning: 15% chaotic calcite-talc veining Structure: loc mod fol 20 dtca Alteration: mod talc vein alt Mineralization: 1% cubic diss mg py Lower Contact: sharp bottom contact, irregular

MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

133.00, 141.20, PYR, DIS, 1.00, -, MGR, cubic diss mg py
141.20, 141.60, PYR, DIS, 3.00, -, FGR, -

ALTERATION

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

133.50, 141.20, TLC+, VEN, MOD, GRN2_BASIC, -, -, -

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150910	133.0	134.0	1.0	0.003				
CAOND150927	134.0	135.0	1.0	0.003				
CAOND150928	135.0	136.0	1.0	0.003				
CAOND150929	136.0	137.5	1.5	0.003				
CAOND150931	137.5	139.0	1.5	0.003				
CAOND150932	139.0	140.5	1.5	0.003				
CAOND150911	140.5	141.6	1.1	0.003				

Hole number: KLAN20-097

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
135.00, 135.40, FOL, MOD, 20.00, -, -, -, -

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
134.55, 141.20, CAL, 15.00, -, -, -, -, GRY_00025, -, CAO, -, -, with talc.

Major: **From:** 141.60 **To:** 144.35 I2Dm, Mafic Syenite

Composition: massive, fine- to medium-grained, mm-scale acicular amph, sub-rounded qtz phenos Magnetism: none Veinning: none Structure: none Alteration: none Mineralization: 3% fine diss py Lower Contact: sharp bottom contact, along broken core surface

MINERALIZATION
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
141.60, 144.35, PYR, DIS, 3.00, -, FGR, -

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150912	141.6	143.0	1.4	0.003				
CAOND150913	143.0	144.4	1.4	0.003				

Major: **From:** 144.35 **To:** 148.55 U, Ultramafic Volcanics

Composition: mainly foliated, dark-grey greenish, fg to mg Magnetism: none Veinning: 10% cb-cl veining Structure: mod fol 60 Alteration: mod wispy cl Mineralization: none Lower Contact: irregular but sharp bottom contact

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
144.35, 148.55, CHL+, WIS, MOD, RED_00001, -, -, -

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
145.60, 148.55, FOL, MOD, 60.00, -, -, -, -

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
145.00, 148.30, CalChl, 10.00, 60.00, -, -, -, GRY_00025, -, FOL, -, -, -

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150914	144.4	145.0	0.7	0.003				
CAOND150916	145.0	146.5	1.5	0.003				
CAOND150917	146.5	147.5	1.0	0.003				
CAOND150918	147.5	148.6	1.1	0.003				

Major: **From:** 148.55 **To:** 149.25 I2Dm, Mafic Syenite

Composition: massive, glassy, grey-pinkish Magnetism: none Veinning: none Structure: none Alteration: mod per k-fsp/ab (pinkish) Mineralization: 15% py, mainly fg clusters (single cm-thick vein as well) Lower Contact: sharp bottom contact, sheared/broken

MINERALIZATION
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
148.55, 149.25, PYR, PAT, 15.00, -, FGR, py clusters, single cm-thick vein

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150919	148.6	149.3	0.7	0.008				

Hole number: KLAN20-097

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
148.55, 149.25, KFS+, PEN, MOD, PNK2_BASIC, -, -, K-fsp or ab alt

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
148.55, 149.25, FOL, MOD, 60.00, -, -, -, -

Major: **From:** 149.25 **To:** 150.60 I3, Roches intrusives mafiques

Composition: massive, fine-grained, shiny surface (preferred orientation of dark needl-like minerals - biotite?), black Magnetism: none Veinning: none Structure: none Alteration: wk per chl Mineralization: none Lower Contact: sharp bottom contact, 20 dtca

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
149.25, 150.60, FOL, MOD, 60.00, -, -, -, -
149.25, 149.35, FGO, MOD, -, -, -, -, -

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150921	149.3	150.6	1.4	0.003				

Major: **From:** 150.60 **To:** 154.05 U, Ultramafic Volcanics

Composition: massive to mod foliated, blueish-grey, fg to mg Magnetism: none Veinning: 25% cal-cl laminated to wormy veining Structure: loc mod fol 50 dtca Alteration: wispy mod cl Mineralization: 3% fine diss py Lower Contact: sharp bottom contact, irregular

MINOR INTERVAL
151.10 - 151.70: Mam

MINERALIZATION
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
151.10, 154.05, PYR, DIS, 3.00, -, FGR, fine diss and mg cubic py

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
150.60, 154.05, CHL+, WIS, MOD, RED_00001, -, -, localized zones with cl alt

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
150.60, 154.05, FOL, MOD, 60.00, -, -, -, -
151.80, 152.60, FOL, MOD, 50.00, -, -, -, -

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
150.60, 154.05, CalChl, 25.00, -, -, -, -, GRY_00025, -, WIS, -, -, -

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150922	150.6	152.0	1.4	0.003				
CAOND150923	152.0	153.0	1.0	0.003				
CAOND150924	153.0	154.1	1.1	0.003				

Hole number: KLAN20-097

Major: **From:** 154.05 **To:** 195.00 V7, BASALTE

Composition: massive, fine-grained, greenish-grey Magnetism: none Veinning: 20% chaotic cal Structure: none Alteration: none Mineralization: 0.5% fg diss and mg cubic py Lower Contact: Not visible, gradational over 10cm?

MINOR INTERVAL

184.40 - 185.95: I3Composition: Black and white, fine grained, massive; I3 - Mafic Intrusive Magnetism: none Veinning: 1-2% calcite veinlets Structure: Weak preferential alignment at 35 TCA Alteration: Moderate to strong pervasive calcite alteration Mineralization: 5% disseminated PY occuring in random 5cm patches Contacts: Upper contact sharp at 45 TCA and lower contact sharp at 25 TCA

MINOR INTERVAL

186.80 - 188.15: I3Composition: Medium grey and white, fine grained, massive; I3 - Mafic Intrusive Magnetism: none Veinning: 0.5% calcite veinlets Structure: none Alteration: Moderate to strong pervasive calcite alteration Mineralization: 1-2% disseminated PY Contacts: Upper contact sharp at 10 TCA and lower contact sharp at 85 TCA

MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
184.40, 184.60, PYR, DIS, 3.00, -, FGR, -
184.90, 185.10, PYR, DIS, 3.00, -, FGR, -
185.95, 186.80, PYR, DIS, 2.00, -, FGR, -
186.80, 188.15, PYR, DIS, 1.00, -, VFG, -
189.00, 191.00, PYR, DIS, 1.00, -, FGR, -

ALTERATION

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
184.40, 185.95, CAL+, PEN, MOD, GRY_00025, -, -, Moderate pervasive cal alt and veinlets
186.80, 188.15, CAL+, PEN, MOD, GRY_00025, -, -, Moderate pervasive cal alt

STRUCTURE

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
154.05, 195.00, FOL, MOD, 60.00, -, -, -, -
184.40, 184.41, UPC, -, 40.00, -, -, -, -
184.40, 185.95, FOL, WEAK, 35.00, -, -, -, Weak preferential alignment at 35 TCa
185.95, 185.96, LWC, -, 25.00, -, -, -, -
185.95, 186.80, FOL, WEAK, 30.00, -, -, -, weak preferential alignment of calcite veinlets at 30 TCA
186.80, 186.81, UPC, -, 10.00, -, -, -, 90 degrees from foliation
188.15, 188.16, LWC, -, 85.00, -, -, -, -

VEIN

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
154.05, 184.40, CAL, 20.00, -, -, -, -, GRY2_BASIC, -, CAO, -, -, -
185.95, 186.80, CAL, 35.00, -, -, -, -, GRY_00025, -, LAM, -, -, 35% preferentially aligned calcite veins

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150926	154.1	155.5	1.4	0.003				

Hole number: KLAN20-097

at 30 TCA
188.15, 195.00, CAL, 10.00, -, -, -, -, GRY_00025, -, CAO, -, -, -

Major: **From:** 195.00 **To:** 213.30 U, Ultramafic Volcanics

Composition: Dark bluish grey, very fine grained, massive; U - Ultramafics Magnetism: none Veinning: 5% chaotic calcite veins, locally up to 70% over 1m Structure: Weak preferential alignment of calcite veins at 85 TCA Alteration: Weak to moderate pervasive chl Mineralization: 1-2% fine and medium grained dissemianted Py randomly Lower Contact: Sharp; oriented at 50 TCA

MINOR INTERVAL

197.75 - 202.00: V7Minor interval of massive, fine grained basalt. Contacts are not visible, separated due to change in hardness and dark green colour

MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
198.00, 202.00, PYR, DIS, 2.00, -, FGR, -
207.00, 207.50, PYR, DIS, 1.00, -, CGR, -

ALTERATION

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
195.00, 197.75, CHL+, PEN, WEAK, -, -, -, -
202.00, 213.30, CHL+, PEN, WEAK, -, -, -, -
210.40, 213.30, TLC+, PAT, MOD, -, -, -, -

STRUCTURE

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
195.00, 197.90, FOL, MOD, 60.00, -, -, -, -
201.00, 201.70, FOL, WEAK, 85.00, -, -, -, Weak alignment of calcite veins
210.40, 213.30, FOL, WEAK, 45.00, -, -, -, -
212.80, 212.90, FLD, -, -, -, -, -, chaotic folding

VEIN

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
195.00, 197.75, CAL, 2.00, -, -, -, -, -, -, WIS, -, -, -
197.75, 199.50, CAL, 8.00, -, -, -, -, GRY_00025, -, CAO, -, -, -
199.50, 200.30, CAL, 70.00, -, -, -, -, GRY_00025, -, CAO, -, -, -
200.30, 201.00, CAL, 5.00, -, -, -, -, GRY_00025, -, CAO, -, -, -
201.00, 201.70, CAL, 50.00, 85.00, -, -, -, GRY_00025, -, LAM, -, -, -
201.70, 210.40, CAL, 8.00, -, -, -, -, GRY_00025, -, CAO, -, -, -
210.40, 213.30, TLC, 5.00, -, -, -, -, GRN2_BASIC, -, DSN, -, -, -

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150933	211.0	212.0	1.0	0.003				
CAOND150934	212.0	213.3	1.3	0.003				

Hole number: KLAN20-097

Major: **From:** 213.30 **To:** 272.20 V7, BASALTE

Composition: Dominantly medium greenish grey with minor patches of pale yellowish-green and grey, massive and fine grained; V7 - Basalt Magnetism: None Veinning: 5% irregular smoky qtz-cal veins 0.5-3cm thick Structure: None Alteration: Weak patchy epidote and moderate fracture filling chlorite alteration Mineralization: 0.1-0.5% random Py in fractures and up to 10% wispy pyrrhotite occuring in qtz veins Lower Contact: Sharp and straight, oriented at 45 TCA

MINOR INTERVAL

231.30 - 232.00: qfpMinor interval of QFP, 0.5% mm scale calcite veins

MINOR INTERVAL

258.40 - 258.90: I2DMinor syenite intrusion? with patches of 2-3% Py/Po mineralization

MINOR INTERVAL

260.60 - 260.70: I2DMinor 15cm thick syenite intrusion? 15% diss Py

MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

213.80, 246.00, POT, STG, 1.00, -, VFG, 1-2% locally up to 30% irregular, wispy stringers of Po concentrated in smoky qtz veins
250.30, 258.70, POT, PAT, .50, -, VFG, 0.5-1% random patches of Po in veins and margins of veins
250.30, 258.70, PYR, PAT, .50, -, VFG, 0.5-1% random patches of Po in veins and margins of veins
258.70, 258.90, POT, PAT, 3.00, -, VFG, 3% patches of Po at contact with vein
258.70, 258.90, PYR, PAT, .50, -, VFG, 0.5% patches of Py at contact with vein
258.90, 259.40, PYR, DIS, .50, -, VFG, -
259.40, 260.00, PYR, DIS, 8.00, -, VFG, -
260.00, 260.60, PYR, DIS, .50, -, VFG, -
260.60, 261.00, PYR, DIS, 10.00, -, FGR, -
261.00, 261.40, POT, DIS, 3.00, -, VFG, -
261.00, 261.40, PYR, DIS, 1.00, -, VFG, -
271.80, 272.20, POT, DSN, 5.00, -, VFG, -
271.80, 272.20, PYR, DIS, 10.00, -, FGR, -

ALTERATION

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

213.30, 228.00, EPD+, PAT, WEAK, -, -, -, -
213.30, 272.20, CHL+, FRF, MOD, -, -, -, -
228.00, 272.20, EPD+, PAT, MOD, -, -, -, -

STRUCTURE

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

258.80, 261.00, FOL, MOD, 40.00, -, -, -, alignment of minerals and veins

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
CAOND150935	213.3	214.4	1.1	0.003				
CAOND150936	214.4	215.5	1.1	0.003				
CAOND150937	215.5	216.5	1.0	0.003				
CAOND150938	216.5	218.0	1.5	0.003				
CAOND150939	218.0	219.0	1.0	0.003				
CAOND150940	219.0	220.5	1.5	0.003				
CAOND150941	220.5	222.0	1.5	0.003				
CAOND150942	222.0	223.5	1.5	0.003				
CAOND150943	223.5	225.0	1.5	0.003				
CAOND150944	225.0	226.5	1.5	0.003				
CAOND150946	226.5	227.5	1.0	0.003				
CAOND150947	227.5	228.0	0.5	0.003				
CAOND150948	228.0	228.8	0.8	0.003				
CAOND150949	228.8	230.0	1.2	0.003				
CAOND150976	230.0	231.3	1.3	0.003				
CAOND150977	231.3	232.0	0.7	0.003				
CAOND150978	232.0	233.0	1.0	0.003				
CAOND150979	233.0	234.0	1.0	0.003				
CAOND150981	234.0	235.5	1.5	0.003				
CAOND150982	235.5	237.0	1.5	0.003				
CAOND150983	237.0	238.5	1.5	0.003				
CAOND150984	238.5	240.0	1.5	0.003				
CAOND150985	240.0	241.0	1.0	0.003				
CAOND150986	241.0	242.5	1.5	0.003				
CAOND150987	242.5	243.3	0.8	0.003				
CAOND150988	243.3	243.8	0.5	0.003				
CAOND150989	243.8	245.0	1.2	0.003				
CAOND150991	245.0	246.5	1.5	0.003				
CAOND150992	246.5	248.0	1.5	0.003				
CAOND150993	248.0	249.5	1.5	0.003				
CAOND150994	249.5	250.5	1.0	0.003				
CAOND150995	250.5	251.5	1.0	0.003				
CAOND150996	251.5	252.5	1.0	0.023				

Hole number: KLAN20-097

213.30, 213.35, PYR, 80.00, 50.00, -, -, -, -, -, WIS, PYR, 100.00, -
213.80, 224.00, QtzGry, 5.00, -, -, -, -, GRY2_BASIC, -, CAO, POT, 1.00, 5% irregular and chaotic smoky (medium grey and black) qtz-cal veinning 0.5-3cm thick, locally wipsy to discontinuous. 1-2% stringers of Po (up to 30%) locally in veins
227.50, 228.70, QTZ_2, 15.00, 0.00, -, -, -, GRY_00025, -, IRR, PYR, .50, -
228.70, 229.80, QTZ_2, 2.00, -, -, -, -, -, -, -, -, -, -
236.20, 236.50, QTZ_2, 5.00, -, -, -, -, -, -, -, -, -, -
236.50, 243.40, QTZ_2, 2.00, -, -, -, -, -, -, -, POT, .50, 1-2% mm scale qtz-cal veinlets with 1-2% vfgr. Po
243.40, 243.50, QTZ, 20.00, -, -, -, -, -, -, -, POT, 5.00, 2cm thick qtz-Po vein
243.50, 250.30, CAL, 2.00, -, -, -, -, -, -, -, -, -, -
243.50, 250.30, QTZ_2, 1.00, -, -, -, -, -, -, -, -, -, -
250.30, 252.30, QTZ_2, 5.00, -, -, -, -, -, -, IRR, POT, .50, 0.5-1% Po/PY locally in veins
252.30, 255.10, QTZ_2, 1.00, -, -, -, -, -, -, -, -, -, -
255.10, 258.20, QTZ_2, 5.00, -, -, -, -, GRY_00025, -, IRR, POT, .50, 0.5-1% Po/PY locally in veins
258.70, 258.90, CAL, 40.00, -, -, -, -, GRY_00025, -, IRR, POT, 3.00, 3% Po clusters and 0.5% PY at vein contacts and in margins
258.90, 261.40, CAL, 25.00, -, -, -, -, GRY_00025, -, LAM, PYR, 2.00, 25% discontinous cal-qtz veins; oriented parallel at 40 TCA. 2-3% dissminated Py in margins
261.40, 261.70, QTZ_2, 30.00, -, -, -, -, GRY_00025, -, IRR, PYR, .50, 2x white qtz-cal veins, 1x 1ccm thick and 1x 5cm thick. 0.5% vfgr Py in veins
261.70, 264.50, QTZ_2, 1.00, -, -, -, -, GRY_00025, -, -, -, -, -
264.50, 264.60, QTZ, 60.00, 25.00, -, -, -, GRY_00025, -, MAS, PYR, .50, 5cm thick white qtz vein with 1-2% fracture filling chlorite, 0.5% vfgr py in fractures, 25 TCA, cross cutting foliation
264.60, 265.90, QTZ_2, 2.00, -, -, -, -, -, -, -, -, -, -
265.90, 266.00, QTZ, 20.00, 65.00, -, -, -, GRY2_BASIC, -, MAS, POT, .50, 3cm thick glassy grey qtz vein, 0.5% Po/Py
266.00, 268.90, QTZ_2, 2.00, -, -, -, -, -, -, -, -, -, -
268.90, 269.00, QTZ, 20.00, 35.00, -, -, -, -, -, -, POT, .10, -
269.00, 271.00, CAL, 1.00, -, -, -, -, -, -, -, -, -, -
271.00, 271.20, QtzGry, 5.00, -, -, -, -, GRY2_BASIC, -, IRR, POT, .50, irregular discontinuous grey qtz veinning with 0.5% clustered Po
271.40, 272.00, CAL, 5.00, -, -, -, -, -, -, -, -, -, -
272.00, 272.10, CAL, 40.00, 45.00, -, -, -, -, -, -, PYR, 40.00, 3cm thick calcite vein with 40% semi-massive Py

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150997	252.5	254.0	1.5	0.003				
CAOND150998	254.0	255.0	1.0	0.003				
CAOND150999	255.0	256.0	1.0	0.003				
CAOND150951	256.0	257.1	1.1	0.003				
CAOND150952	257.1	258.0	0.9	0.003				
CAOND150953	258.0	258.9	0.9	0.003				
CAOND150954	258.9	259.5	0.6	0.003				
CAOND150955	259.5	260.5	1.0	0.003				
CAOND150956	260.5	261.0	0.5	0.003				
CAOND150957	261.0	262.0	1.0	0.003				
CAOND150958	262.0	263.0	1.0	0.003				
CAOND150959	263.0	264.0	1.0	0.003				
CAOND150961	264.0	264.7	0.7	0.003				
CAOND150962	264.7	265.7	1.0	0.003				
CAOND150963	265.7	266.2	0.5	0.003				
CAOND150964	266.2	267.0	0.8	0.003				
CAOND150965	267.0	268.5	1.5	0.003				
CAOND150966	268.5	269.1	0.6	0.003				
CAOND150967	269.1	270.1	1.0	0.003				
CAOND150968	270.1	270.7	0.6	0.003				
CAOND150969	270.7	271.2	0.5	0.003				
CAOND150971	271.2	271.7	0.5	0.003				
CAOND150972	271.7	272.2	0.5	0.009				

Major: **From:** 272.20 **To:** 273.40 S4GP, Argillite noire graphiteuse cisaillée et faillée intercalée

Composition: Dominantly composed of massive, black graphite; S4GP-Graphite Magnetism: Strongly magnetic, only at Po stringers Veinning: 1-2% mm fracture filling calcite veinlets Structure: Local remnant bedding and weak alignment of Po/cal stringers at 45 TCA Alteration: none Mineralization: 10% wipsy Po stringers, local cluster of 0.5% Cp Lower Contact: Sharp and straight; oriented at 45 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
CAOND150973	272.2	273.5	1.3	0.039				

Hole number: KLAN20-097

272.20, 273.40, POT, STG, 10.00, -, VFG, 10% parallel stringers and chaotic patches of Po
272.50, 272.60, CPY, PAT, .50, -, VFG, Random patches of Cp occuring in Po

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
272.20, 273.40, MAG+, PAT, WEAK, -, -, -, -
272.20, 273.40, CAL+, PEN, MOD, -, -, -, -
272.20, 273.40, CHL+, PEN, MOD, -, -, -, -

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
272.20, 272.21, UPC, -, 45.00, -, -, -, -
272.20, 273.40, FOL, WEAK, 45.00, -, -, -, -

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COM
NTS
272.35, 272.45, POT, 80.00, 50.00, -, -, -, -, -, WIS, CPY, .50, -

Major: **From:** 273.40 **To:** 297.00 V7, BASALTE

Composition: Medium green with medium purplish grey patches at upper contact over 1.5m, massive, fine grained; V7 - Basalt Magnetism: Moderately magnetic in first 1.5m, none rest of interval Veinning: 5% irregular qtz-cal veinning, 10% irregular/discontinuous calcite veinlets Structure: Weakly deformed, weak preferential alignment of calcite veinlets Alteration: Moderate pervasive chl and moderate to strong pervasive calcite Mineralization: 1-2% Po mainly concentrated in margins of upper contact with clusters of 2-3% diss Py throughout Lower Contact: Gradational??

MINOR INTERVAL
274.85 - 275.05: I15cm thick intrusion? Strong calcite alteration, no veins, 1% diss Py

MINOR INTERVAL
276.30 - 278.70: UMinor intervals of medium to dark bluish grey, massive, fine grained ultramafics

MINERALIZATION
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
273.40, 275.30, POT, PAT, 2.00, -, VFG, -
273.50, 274.00, PYR, DIS, 1.00, -, FGR, -
275.10, 275.90, PYR, DIS, 3.00, -, FGR, up to 10% in 10cm margins of qtz vein
275.90, 276.30, PYR, DIS, 1.00, -, VFG, -
278.70, 279.50, PYR, DIS, 1.00, -, VFG, -
279.50, 280.10, PYR, DIS, 5.00, -, FGR, -
280.10, 281.10, PYR, DIS, 5.00, -, VFG, -
281.10, 285.00, PYR, DIS, 1.00, -, VFG, -
285.00, 294.90, PYR, DIS, .10, -, VFG, -
294.90, 297.00, PYR, DIS, 3.00, -, FGR, -

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND150974	273.5	274.0	0.5	0.003				
CAOND119194	274.0	274.5	0.5	0.003				
CAOND119195	274.5	275.2	0.7	0.003				
CAOND119196	275.2	275.7	0.5	0.003				
CAOND119197	275.7	276.3	0.6	0.003				
CAOND119198	276.3	277.5	1.2	0.003				
CAOND119199	277.5	278.7	1.2	0.003				
CAOND119201	278.7	279.5	0.8	0.003				
CAOND119202	279.5	280.2	0.7	0.003				
CAOND119203	280.2	281.0	0.8	0.005				
CAOND119204	281.0	282.3	1.3	0.003				
CAOND119205	282.3	283.5	1.2	0.003				
CAOND119206	283.5	285.0	1.5	0.003				
CAOND119207	285.0	286.5	1.5	0.003				
CAOND119208	286.5	288.0	1.5	0.003				
CAOND119209	288.0	289.5	1.5	0.005				
CAOND119210	289.5	291.0	1.5	0.003				
CAOND119211	291.0	292.5	1.5	0.003				

Hole number: KLAN20-097

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
273.40, 275.00, MAG+, PAT, WEAK, -, -, -, -
273.40, 276.30, CAL+, PEN, MOD, -, -, -, -
273.40, 276.30, CHL+, PEN, MOD, -, -, -, -
276.30, 278.70, CAL+, PEN, WEAK, -, -, -, -
276.30, 278.70, CHL+, PEN, STRONG, -, -, -, -
278.70, 280.00, CAL+, PEN, WEAK, -, -, -, -
278.70, 280.00, CHL+, FRF, MOD, -, -, -, -
280.00, 297.00, CHL+, PAT, WEAK, -, -, -, -
280.00, 297.00, EPD+, PAT, WEAK, -, -, -, -

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
273.40, 273.41, LWC, -, 45.00, -, -, -, -

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
274.10, 274.50, QTZ_2, 20.00, -, -, -, -, GRY2_BASIC, -, IRR, POT, 1.00, 20cm thick interval of irregular and discontinuous medium grey qtz-cal veinning with 1-2% Po at contacts. 1x 0.5cm thick white qtz-cal vein with 0.5% clusters of Po
274.70, 275.30, CAL, 20.00, -, -, -, -, GRY_00025, -, IRR, -, -, -
275.30, 275.50, QTZ, 40.00, -, -, -, -, GRY_00025, -, IRR, PYR, 10.00, irregular white qtz vein with 10% Py diss in margins over 10cm on each side
275.50, 276.30, CAL, 5.00, -, -, -, -, -, -, IRR, -, -, -
278.40, 278.70, QTZ_2, 10.00, 0.00, -, -, -, -, -, IRR, -, -, -
279.60, 280.00, QTZ, 25.00, -, -, -, -, GRY_00025, -, IRR, PYR, 5.00, 25% irregular white qtz-cal veins with 5% fgr diss Py at contact and in margins of the veins
280.40, 280.80, QTZ, 25.00, -, -, -, -, GRY_00025, -, IRR, -, -, -
280.80, 282.40, CAL, 3.00, -, -, -, -, GRY_00025, -, IRR, -, -, -
282.40, 282.70, QTZ_2, 15.00, -, -, -, -, GRY_00025, -, IRR, -, -, -
282.70, 293.45, QTZ_2, 2.00, -, -, -, -, GRY_00025, -, IRR, -, -, mm veinlets random
293.45, 294.00, QtzCalChl, 40.00, 0.00, -, -, -, GRY_00025, -, IRR, PYR, 1.00, irregular qtz-cal-chl vein trending at 0 TCa, 1-2% diss Py margins
294.85, 297.00, QTZ_2, 15.00, -, -, -, -, -, -, IRR, -, -, -

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND119212	292.5	293.4	0.9	0.003				
CAOND119213	293.4	294.0	0.6	0.003				
CAOND119214	294.0	294.8	0.8	0.003				
CAOND119216	294.8	295.3	0.5	0.003				
CAOND119217	295.3	296.0	0.7	0.003				
CAOND119218	296.0	297.0	1.0	0.003				

Major: **From:** 297.00 **To:** 310.10 U, Ultramafic Volcanics

Composition: Medium to dark bluish grey, fine grained homogeneous, deformed; U - Ultramafic Magnetism: Weak to moderately magnetic Veinning: 10% irregular qtz-cal veinning clustered at upper contact margin over ~2m Structure: Moderate to strong deformation with weak foliation at 30-35 TCA Alteration: Moderate to strong pervasive Chl alteration, weak patchy calcite alteration Mineralization:

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND119219	297.0	298.1	1.1	0.003				
CAOND119221	298.1	299.0	0.9	0.003				
CAOND119222	299.0	300.3	1.3	0.003				

Hole number: KLAN20-097

2-3% fine grained diss Py throughout with local clusters up to 15% vfgr Py Lower Contact: Sharp and straight at 50 TCA

MINOR INTERVAL

298.10 - 300.50: I2Composition: Dark grey to black, fine grained, chaotic and irregular; I3 - Mafic intrusion Magnetism: None Veinning: 3% brecciated and discontinous qtz-cal veinning with 1x 5cm thick white qtz-cal vein at lower contact Structure: Moderately chaotic deformed Alteration: Strong patchy chl and strong patchy cal alt Mineralization: 0.5-1% vfgr diss Py Contacts: Upper contact is sharp at 40 TCA and lower contact intruded by vein

MINOR INTERVAL

308.50 - 309.70: I2DMinor dark purplish grey massive fine grained syenite, 15% mm scale fracture filled calcite, up to 8% diss vfgr Py

MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

298.10, 300.00, PYR, DIS, .50, -, VFG, -
300.00, 300.50, PYR, DIS, 3.00, -, VFG, -
300.50, 301.50, PYR, DIS, 15.00, -, FGR, -
301.50, 302.50, PYR, DIS, 2.00, -, VFG, -
302.50, 307.60, PYR, DIS, 3.00, -, FGR, -
307.60, 308.50, PYR, DIS, 8.00, -, VFG, -
308.50, 309.20, PYR, DIS, 2.00, -, VFG, -
309.20, 309.70, PYR, DIS, 10.00, -, VFG, -
309.70, 310.10, PYR, DIS, 3.00, -, FGR, -

ALTERATION

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

297.00, 298.10, CAL+, PEN, WEAK, -, -, -, -
297.00, 298.10, CHL+, PAT, MOD, -, -, -, -
298.10, 300.50, CAL+, PAT, STRONG, -, -, -, -
298.10, 300.50, CHL+, PAT, STRONG, -, -, -, -
300.50, 308.50, CAL+, PAT, MOD, -, -, -, -
300.50, 308.50, CHL+, PEN, STRONG, -, -, -, -
308.50, 309.70, CAL+, FRF, MOD, -, -, -, -
309.70, 310.10, BTI+, SPO, MOD, -, -, -, -
309.70, 310.10, CAL+, SPO, MOD, -, -, -, -
310.00, 310.10, BTI+, SPO, MOD, -, -, -, -

STRUCTURE

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

300.50, 301.10, FOL, MOD, 85.00, -, -, -, -
300.50, 302.50, DFZ, MOD, -, -, -, -, -
302.50, 302.50, FOL, MOD, 30.00, -, -, -, -

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND119223	300.3	301.3	1.0	0.005				
CAOND119224	301.3	301.8	0.5	0.003				
CAOND119226	301.8	302.5	0.7	0.003				
CAOND119227	302.5	304.0	1.5	0.003				
CAOND119228	304.0	305.5	1.5	0.003				
CAOND119229	305.5	306.5	1.0	0.003				
CAOND119231	306.5	307.6	1.1	0.003				
CAOND119232	307.6	308.5	0.9	0.003				
CAOND119233	308.5	309.6	1.1	0.003				
CAOND119234	309.6	310.1	0.5	0.003				

Hole number: KLAN20-097

302.50, 304.00, FOL, WEAK, 30.00, -, -, -, -
302.50, 307.60, DFZ, WEAK, -, -, -, -, -
304.00, 305.00, FOL, WEAK, 0.00, -, -, -, -
306.00, 307.60, FOL, WEAK, 30.00, -, -, -, -
307.60, 308.50, FLD, WEAK, -, -, -, -, Weak chaotic folding
307.60, 308.50, FOL, MOD, 40.00, -, -, -, -

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
300.40, 300.50, QTZ, 80.00, 35.00, -, -, -, GRY_00025, -, -, PYR, 3.00, upper contact irregular, lower contact straight at 35 TCA, 3% fgr diss Py in margins
301.20, 302.50, QTZ_2, 15.00, -, -, -, -, GRY_00025, -, IRR, -, -, -
307.60, 308.50, CAL, 30.00, -, -, -, -, -, -, WIS, -, -, -

Major: **From:** 310.10 **To:** 319.70 I3A, Gabbro

Composition: Dark green to black with white to pale grey spots, fine grained, heterogeneous, equigranular; I3A - Gabbro Magnetism: moderate Veinning: 1% irregular calcite veinlets Structure: none Alteration: Moderate to strong spotty calcite and biotite alteration Mineralization: 1-2% vfgr diss Py Lower Contact: Sharp but wavy and irregular

MINERALIZATION
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
310.10, 315.00, PYR, DIS, 1.00, -, VFG, -
315.00, 319.70, PYR, DIS, 5.00, -, VFG, -

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
310.10, 319.70, BTI+, SPO, MOD, -, -, -, -
310.10, 319.70, CAL+, SPO, MOD, -, -, -, -
310.10, 319.70, BTI+, SPO, MOD, -, -, -, -

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
310.10, 310.11, LWC, -, 50.00, -, -, -, -

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
319.60, 319.70, CAL, -, -, -, -, -, -, -, -, -, -

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND119235	310.1	311.5	1.4	0.003				
CAOND119236	311.5	313.0	1.5	0.003				
CAOND119237	313.0	314.5	1.5	0.003				
CAOND119238	314.5	316.0	1.5	0.003				
CAOND119239	316.0	317.5	1.5	0.003				
CAOND119240	317.5	319.0	1.5	0.003				
CAOND119241	319.0	319.7	0.7	0.003				

Major: **From:** 319.70 **To:** 334.20 U, Ultramafic Volcanics

Composition: Dark green. dark grey and dark bluish grey, fine grained, dominantly homogeneous and massive composition; U - Ultramafics. Magnetism: None Veinning: 10% chaotic and folded calcite

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND119242	319.7	320.7	1.0	0.003				

Hole number: KLAN20-097

veinning Structure: Moderate chaotic ductile deformation, local weak crenulation Alteration: Strong pervasive chlorite alteration, weak spotty calcite Mineralization: 2-3% fine grained disseminated Py Lower Contact: Sharp and straight oriented at 45 TCA

MINOR INTERVAL

319.70 - 320.70: I2DmComposition: Dark purplish grey, fine grained, massive, homogeneous; I2D - Mafic syenite. Magnetism: Moderately magnetic Veinning: 1% mm scale white calcite veinlets Structure: Weak healed microfracturing Alteration: Weak Kspar alteration locally over 0.25cm in margins of fractures Mineralization: 3% vfgr diss Py Contact: Upper contact wavy and irregular, lower contact sharp and straight at 45 TCA

MINOR INTERVAL

326.70 - 329.00: I2DmComposition: Dark purplish grey, fine grained, massive, weakly porphyrytic of 15% fine grained amp; I2D - Mafic syenite. Magnetism: Moderately magnetic Veinning: 2% mm scale white calcite veinlets Structure: Weak healed microfracturing Alteration: Weak Kspar alteration locally over 0.25cm in margins of fractures, moderate fractue filling calcite Mineralization: 15-20% vfgr diss Py Contact: Upper contact sharp and straight; oriented at 65 TCA. Lower contact sharp but slightly irregular at 65 TCA

MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

319.70, 320.70, PYR, DIS, 3.00, -, VFG, -
320.70, 325.20, PYR, DIS, 2.00, -, FGR, -
325.20, 326.70, PYR, DIS, 15.00, -, VFG, -
326.70, 329.00, PYR, DIS, 20.00, -, VFG, -
329.00, 331.00, PYR, DIS, 5.00, -, FGR, -
331.00, 334.20, PYR, DIS, 2.00, -, FGR, -

ALTERATION

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

319.70, 334.20, BTI+, SPO, MOD, -, -, -, -
319.70, 320.70, CAL+, FRF, MOD, -, -, -, -
319.70, 320.70, KFS+, FRF, MOD, -, -, -, locally inmargins of fractures 0.25cm thick
320.70, 325.20, CAL+, PAT, MOD, -, -, -, -
320.70, 325.20, CHL+, PEN, STRONG, -, -, -, -
325.20, 326.70, CAL+, PAT, STRONG, -, -, -, -
325.20, 326.70, CHL+, PAT, STRONG, -, -, -, -
326.70, 329.00, CAL+, FRF, MOD, -, -, -, -
326.70, 329.00, KFS+, FRF, MOD, -, -, -, locally inmargins of fractures 0.25cm thick
329.00, 334.20, CAL+, PAT, MOD, -, -, -, -
329.00, 334.20, CHL+, PEN, STRONG, -, -, -, -

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
CAOND119243	320.7	322.0	1.3	0.003				
CAOND119244	322.0	323.5	1.5	0.003				
CAOND119246	323.5	324.5	1.0	0.003				
CAOND119247	324.5	325.2	0.7	0.003				
CAOND119248	325.2	326.0	0.8	0.003				
CAOND119249	326.0	326.7	0.7	0.003				
CAOND119251	326.7	328.0	1.3	0.003				
CAOND119252	328.0	329.0	1.0	0.003				
CAOND119253	329.0	330.5	1.5	0.003				
CAOND119254	330.5	332.0	1.5	0.003				
CAOND119255	332.0	333.5	1.5	0.003				
CAOND119256	333.5	334.2	0.7	0.003				

Hole number: KLAN20-097

320.70, 325.20, DFZ, MOD, -, -, -, -, Moderate chaotic ductile deformation
325.20, 326.70, DFZ, STRONG, 0.00, -, -, -, -
325.20, 326.70, FLD, STRONG, -, -, -, -, -
325.20, 326.70, SHR, MOD, 0.00, -, -, -, -
329.00, 330.50, CRN, WEAK, -, -, -, -, -
329.00, 330.50, FLD, MOD, -, -, -, -, chaotic folding
329.00, 334.20, DFZ, MOD, -, -, -, -, Moderate chaotic ductile deformation
333.00, 334.20, CRN, WEAK, -, -, -, -, -
333.00, 334.20, FLD, MOD, -, -, -, -, chaotic folding

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
331.40, 331.60, CAL, -, -, -, -, -, -, -, -, -, -

Major: **From:** 334.20 **To:** 348.80 I2Dm, Mafic Syenite

Composition: Medium and dark purplish grey, fine grained, massive, rare porphyrytic texture; I2Dm - Mafic syenite. Magnetism: Strongly magnetic Veinning: 10% white, discontinuous calcite veinlets Structure: Weak healed microfracturing and weak ductile deformation in mafic intrusions Alteration: Moderate fracture filling and patchy calcite Mineralization: 5-10% vfgr diss Py, locally clustered in patches Lower Contact: Sharp and straight; oriented at 30 TCA *25% irregular and random dark green and black, stongly chlorite altered mafic intrusions

MINOR INTERVAL
336.20 - 336.65: I380% strongly chlorite altered, dark green, massive mafic intrusion

MINOR INTERVAL
338.00 - 338.45: I3strongly chlorite altered, dark green, massive mafic intrusion

MINOR INTERVAL
339.20 - 339.55: I3strongly chlorite altered, dark green, massive mafic intrusion

MINOR INTERVAL
341.10 - 348.80: I330% strongly chlorite altered, dark green, massive mafic intrusion, randomly waving in/out of I2Dm intrusion

MINERALIZATION
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
334.20, 348.80, PYR, DIS, 5.00, -, FGR, 5-8% vfgr and fgr diss py, locally clustered

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
334.20, 348.80, BTI+, SPO, MOD, -, -, -, -
334.20, 336.20, CAL+, FRF, MOD, -, -, -, -
336.20, 336.65, CHL+, PEN, STRONG, -, -, -, -
336.65, 338.00, CAL+, FRF, MOD, -, -, -, -
338.00, 338.45, CHL+, PEN, STRONG, -, -, -, -

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND119257	334.2	335.2	1.0	0.003				
CAOND119258	335.2	336.2	1.0	0.003				
CAOND119259	336.2	337.0	0.8	0.003				
CAOND119261	337.0	338.0	1.0	0.003				
CAOND119262	338.0	338.5	0.5	0.003				
CAOND119263	338.5	339.2	0.7	0.003				
CAOND119264	339.2	339.7	0.5	0.003				
CAOND119265	339.7	340.4	0.7	0.003				
CAOND119266	340.4	341.1	0.7	0.003				
CAOND119267	341.1	342.0	0.9	0.003				
CAOND119268	342.0	343.0	1.0	0.003				
CAOND119269	343.0	344.0	1.0	0.003				
CAOND119271	344.0	345.0	1.0	0.003				
CAOND119272	345.0	346.0	1.0	0.003				
CAOND119273	346.0	347.0	1.0	0.003				
CAOND119274	347.0	348.0	1.0	0.003				
CAOND119276	348.0	348.8	0.8	0.003				

Hole number: KLAN20-097

338.45, 339.20, CAL+, FRF, MOD, -, -, -, -
339.20, 339.55, CHL+, PEN, MOD, -, -, -, -
339.55, 341.10, CAL+, FRF, MOD, -, -, -, -
341.10, 348.80, CAL+, FRF, MOD, -, -, -, -
341.10, 348.80, CHL+, PAT, STRONG, -, -, -, Strong chlorite alteration occuring in mafic intrusions

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
334.20, 334.21, LWC, -, 45.00, -, -, -, -

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
334.20, 348.80, CAL, 15.00, -, -, -, -, -, -, DSN, -, -, -

Major: **From:** 348.80 **To:** 365.15 U, Ultramafic Volcanics

Composition: Medium to dark bluish grey and greenish blue, fine grained homogeneous, weakly deformed; U - Ultramafic Magnetism: Strong magnetic Veinning: 15-20% chaotic calcite veinning Structure: Weak to moderate chaotic deformation with local foliation at 40 TCA Alteration: Moderate to strong pervasive Chl alteration, weak patchy calcite alteration, strong fracture filling talc alteration at upper contact margin over 2m, 1x 40cm thick interval with strong pervasive biotite alteration Mineralization: 1-2% fine grained disseminated Py, not pervasive Lower Contact: Sharp and slightly wavy at 20 TCA

MINOR INTERVAL
353.40 - 356.40: I2DmComposition: Medium and dark purplish grey, fine grained, massive, rare porphyrytic texture; I2Dm - Mafic syenite. Magnetism: Strongly magnetic Veinning: 5% white, discontinuous and fracture filling calcite veinlets Structure: Weak healed microfracturing Alteration: Moderate fracture filling and patchy calcite Mineralization: 5-10% vfgr diss Py, locally clustered in patches in veins Contacts: Upper contact is sharp and straight t 60 TCA, lower contact is sharp and straight at 45 TCA

MINERALIZATION
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
348.80, 353.40, PYR, DIS, 1.00, -, VFG, -
353.40, 356.40, PYR, DIS, 8.00, -, VFG, -
356.40, 365.15, PYR, DIS, 1.00, -, VFG, -

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
348.80, 365.15, BTI+, SPO, MOD, -, -, -, -
348.80, 350.00, TLC+, FRF, MOD, -, -, -, -
348.80, 353.40, CAL+, FRF, MOD, -, -, -, -
348.80, 353.40, CHL+, PEN, MOD, -, -, -, -

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND119277	348.8	349.7	0.9	0.003				
CAOND119278	349.7	350.5	0.8	0.003				
CAOND119279	350.5	352.0	1.5	0.003				
CAOND119281	352.0	353.4	1.4	0.003				
CAOND119282	353.4	354.3	0.9	0.003				
CAOND119283	354.3	355.5	1.2	0.003				
CAOND119284	355.5	356.4	0.9	0.003				
CAOND119285	356.4	357.5	1.1	0.003				
CAOND119286	357.5	359.0	1.5	0.003				
CAOND119287	359.0	360.5	1.5	0.003				
CAOND119288	360.5	362.0	1.5	0.003				
CAOND119289	362.0	363.5	1.5	0.003				
CAOND119291	363.5	364.2	0.7	0.003				
CAOND119292	364.2	365.2	1.0	0.003				

Hole number: KLAN20-097

350.00, 350.50, BTI+, PEN, STRONG, -, -, -, -
353.40, 356.40, CAL+, FRF, MOD, -, -, -, -
356.40, 365.15, CAL+, FRF, STRONG, -, -, -, -
356.40, 365.15, CHL+, PEN, MOD, -, -, -, -
356.40, 365.15, TLC+, FRF, WEAK, -, -, -, -
364.60, 365.10, TLC+, PAT, MOD, -, -, -, -

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
348.80, 348.81, LWC, -, 30.00, -, -, -, -
348.80, 353.40, DFZ, MOD, -, -, -, -, -
348.80, 353.40, FOL, WEAK, 40.00, -, -, -, -
356.40, 365.15, DFZ, MOD, -, -, -, -, -
356.40, 365.15, FOL, WEAK, 40.00, -, -, -, -

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
348.80, 353.40, CAL, 3.00, -, -, -, -, -, -, CAO, -, -, -
353.40, 356.40, CAL, 5.00, -, -, -, -, -, -, CAO, -, -, -
354.80, 355.60, CalChl, 20.00, -, -, -, -, -, -, -, CAO, PYR, 10.00, -
356.40, 365.15, CAL, 15.00, -, -, -, -, -, -, -, CAO, -, -, -

Major: **From:** 365.15 **To:** 393.50 I2Dm, Mafic Syenite

Composition: Dark purplish grey with pale green spots and orangish red patches, fine grained, moderately porphyrytic texture, 5% randomly distributed mafic xenoliths of various shapes and sizes; I2Dm - Mafic syenite. Magnetism: Strongly magnetic Veinning: 5% white, discontinuous and fracture filling calcite veinlets Structure: Weak healed microfracturing Alteration: Moderate fracture filling and patchy calcite, moderate fracture filling and patchy hem, moderate spotty epidote alteration Mineralization: 0.5-1% random disseminated Py Lower Contact: Sharp and straight; oriented at 55 TCA

MINOR INTERVAL
365.30 - 366.00: I3OMedium to coarse grained, dark green with black elongated biotite, 1% diss Py

MINERALIZATION
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
365.15, 365.30, PYR, DIS, 10.00, -, VFG, -
365.30, 366.00, PYR, DIS, 2.00, -, VFG, -
366.00, 368.00, PYR, DIS, 15.00, -, VFG, -
368.00, 386.00, PYR, DIS, 1.00, -, VFG, -
386.00, 386.30, PYR, DIS, 10.00, -, VFG, 10% vfgr diss Py in hem alt margins of qtz vein
386.30, 391.80, PYR, DIS, 1.00, -, VFG, -
391.80, 393.50, PYR, DIS, 15.00, -, VFG, vfgr Py dusting

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND119293	365.2	366.0	0.9	0.003				
CAOND119294	366.0	367.0	1.0	0.003				
CAOND119295	367.0	368.0	1.0	0.003				
CAOND119296	368.0	369.5	1.5	0.003				
CAOND119297	369.5	371.0	1.5	0.003				
CAOND119298	371.0	372.5	1.5	0.003				
CAOND119299	372.5	374.0	1.5	0.003				
CAOND119301	374.0	375.5	1.5	0.003				
CAOND119302	375.5	377.0	1.5	0.003				
CAOND119303	377.0	378.5	1.5	0.003				
CAOND119304	378.5	380.0	1.5	0.003				
CAOND119305	380.0	380.6	0.6	0.003				
CAOND119306	380.6	381.3	0.7	0.003				
CAOND119307	381.3	382.5	1.2	0.003				
CAOND119308	382.5	384.0	1.5	0.003				

Hole number: KLAN20-097

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
365.15, 393.50, BTI+, SPO, MOD, -, -, -, -
366.00, 384.00, CAL+, FRF, MOD, -, -, -, -
366.00, 393.50, EPD+, SPO, MOD, -, -, -, -
366.00, 393.50, HEM+, PAT, MOD, -, -, -, -

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
365.15, 365.16, LWC, -, 45.00, -, -, -, -

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
366.00, 384.00, CAL, 2.00, -, -, -, -, -, -, DSN, -, -, -
380.90, 381.30, QtzCalChl, 40.00, 0.00, -, -, -, -, -, IRR, -, -, -
386.05, 386.15, QTZ, 40.00, -, -, -, -, -, -, -, PYR, 10.00, 5cm thick white qtz vein with strongly hem alt margins over 20cm at bottom contact and 10% vfgr diss Py in margins

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND119309	384.0	385.0	1.0	0.003				
CAOND119310	385.0	385.7	0.7	0.003				
CAOND119311	385.7	386.5	0.8	0.003				
CAOND119312	386.5	387.5	1.0	0.003				
CAOND119313	387.5	388.5	1.0	0.003				
CAOND119314	388.5	390.0	1.5	0.003				
CAOND119316	390.0	391.0	1.0	0.003				
CAOND119317	391.0	392.0	1.0	0.003				
CAOND119318	392.0	393.5	1.5	0.003				

Major: **From:** 393.50 **To:** 402.10 U, Ultramafic Volcanics

Composition: Medium to dark bluish grey, fine grained, homogeneous; U - Ultramafic Magnetism: Strong magnetic Veinning: 1-2% paralell calcite veinlets gradually increasing to 20% by end of interval
Structure: Undeformed gradually becoming moderately deformed with moderate foliation at 50 TCA
Alteration: Moderate pervasive Chl-Talc alteration, gradually increasing to strong patchy calcite alteration Mineralization: 1-2% fine grained disseminated Py, not pervasive, occurs in rand clusters
Lower Contact: Sharp and relatively straight; oriented at 85 TCA

MINERALIZATION
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
393.50, 402.10, PYR, DIS, .50, -, FGR, random distibution

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
393.50, 402.10, BTI+, SPO, MOD, -, -, -, -
393.50, 402.10, CHL+, PEN, MOD, -, -, -, -
393.50, 402.10, TLC+, PEN, WEAK, -, -, -, -
396.00, 400.50, CAL+, PAT, WEAK, -, -, -, -
400.50, 402.10, CAL+, PAT, STRONG, -, -, -, -

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
393.50, 393.51, LWC, -, 55.00, -, -, -, -
397.00, 400.50, DFZ, WEAK, -, -, -, -, -
400.50, 401.20, FOL, MOD, 50.00, -, -, -, -

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND119319	393.5	395.0	1.5	0.003				
CAOND119321	395.0	396.5	1.5	0.003				
CAOND119322	396.5	398.0	1.5	0.003				
CAOND119323	398.0	399.5	1.5	0.003				
CAOND119324	399.5	401.0	1.5	0.003				
CAOND119326	401.0	402.1	1.1	0.003				

Hole number: KLAN20-097

400.50, 402.10, DFZ, MOD, -, -, -, -
401.20, 402.10, FOL, STRONG, 50.00, -, -, -

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/CON
NTS
393.50, 397.00, CAL, 1.00, -, -, -, -, -, -, -, -, -
397.00, 400.50, CAL, 10.00, -, -, -, -, -, -, -, -, -
400.50, 402.10, CAL, 25.00, -, -, -, -, -, -, DSN, -, -, -
401.00, 402.10, QTZ_2, 2.00, -, -, -, -, -, -, -, -, -, -

Major: **From:** 402.10 **To:** 404.00 S4, ARGILITE

Composition: Dark grey, very fine grained, featureless with 40cm thick chert interval in middle; S4 - Argillite Magnetism: None Veinning: None Structure: None Alteration: None Mineralization: up to 10% Py occuring as irregular clusters Lower Contact: within broken core

MINOR INTERVAL
402.50 - 402.95: S10Composition: 40cm thick interval of medium grey, massive and featureless chert with S4 margins; S10-Chert Magnetism: None Veinning: None Structure: None Alteration: None Mineralization: 2% fgr diss Py Contacts: sharp and straight at 85 TCA

MINOR INTERVAL
403.80 - 404.00: CNR20cm lost core

MINERALIZATION
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
402.10, 402.50, PYR, DIS, 2.00, -, VFG, -
402.50, 402.90, PYR, FRF, 5.00, -, FGR, -
402.90, 404.00, PYR, PAT, 10.00, -, FGR, -

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
402.10, 404.00, BTI+, SPO, MOD, -, -, -, -

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
402.10, 402.11, LWC, -, 85.00, -, -, -, -
403.70, 404.00, FRA, MOD, -, -, -, -, -

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/CON
NTS
402.10, 402.50, QTZ, 20.00, -, -, -, -, -, -, IRR, -, -, -
403.00, 403.60, QTZ, 60.00, -, -, -, -, -, -, BRC, PYR, 10.00, irregular brecciated pale grey qtz veins with 10% Py in margins

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND119327	402.1	403.0	0.9	0.018				
CAOND119328	403.0	403.8	0.8	0.064				
KLAN20-097-LC1	403.8	404.0	0.2					

Hole number: KLAN20-097

403.60, 403.70, CBT, 100.00, 80.00, -, -, -, -, -, MAS, -, -, -

Major: **From:** 404.00 **To:** 405.15 I, Roches intrusive indetermine

Composition: Medium grey with local slight purplish tint, massive homogeneous; I - intrusion Magnetism: None Veinning: 5% carb-qtz irregular veinning Structure: Moderate healed microfracturing, parallel oriented at 70 TCA Alteration: Weak patchy carbonate and moderate fracture filling chlorite alteration Mineralization: 1-2% throughout with up to 5% in margin of veins Lower Contact: Fault at ~85 TCA with fault gouge

MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

404.00, 405.15, PYR, DIS, 1.00, -, FGR, -

ALTERATION

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

404.00, 405.15, BTI+, SPO, MOD, -, -, -, -

404.00, 405.15, CBT+, PAT, WEAK, -, -, -, -

404.00, 405.15, CHL+, FRF, MOD, -, -, -, -

STRUCTURE

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

404.00, 405.15, FOL, MOD, 70.00, -, -, -, Moderate foliation defined by the alignment of healed microfractures

VEIN

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

404.00, 405.15, CAL, 5.00, -, -, -, -, -, -, IRR, -, -, -

404.35, 404.40, QtzCbt, 30.00, -, -, -, -, -, -, IRR, PYR, 5.00, irregular qtz-carb vein with 5% Py in margins

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND119329	404.0	405.2	1.2	0.026				

Major: **From:** 405.15 **To:** 411.85 GCZ, Green Carbonate Zone

Composition: Medium grey and medium greenish grey with irregular chaotic patches of beige, pale grey and white, heterolithic, strongly chaotic deformation; GCZ - green carbonate zone. Magnetism: None Veinning: 20% chaotically folded carb veinning and 5% qtz-carb veinning Structure: Strong chaotic brittle-ductile deformation, weak preferential alignment at 70-90 TCA, chaotic folding of veining and folding of lithos over 20cm intervals. Alteration: Strong patchy carbonate alteration, strong microfracture filling chlorite alteration Mineralization: 1% vfgr diss Py Lower Contact: Gradational, contact placed where vibrant green colour disappears

MINOR INTERVAL

411.00 - 411.85: 1F45% deformed and irregular felsic intrusions between 3-20cm thick, strongly deformed and chaotic texture, moderate hem alt? up to 3% vfgr diss Py

MINERALIZATION

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND119331	405.2	406.0	0.9	0.006				
CAOND119332	406.0	407.1	1.1	0.003				
CAOND119333	407.1	408.0	1.0	0.003				
CAOND119334	408.0	409.0	1.0	0.003				
CAOND119335	409.0	410.0	1.0	0.164				
CAOND119336	410.0	411.0	1.0	0.099				
CAOND119337	411.0	411.6	0.6	0.030				
CAOND119338	411.6	412.3	0.8	0.007				

Hole number: KLAN20-097

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
405.15, 411.00, PYR, DIS, 1.00, -, FGR, -
411.00, 411.85, PYR, DIS, 1.00, -, VFG, -

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
405.15, 411.85, BTI+, SPO, MOD, -, -, -, -
405.15, 411.85, CBT+, PAT, STRONG, -, -, -, -
405.15, 411.85, CHL+, FRF, STRONG, -, -, -, -
411.00, 411.85, HEM+, PAT, MOD, -, -, -, Moderate hem in felsic intrusion

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
405.15, 405.30, FAL, -, -, -, -, -, -
405.15, 405.30, GGE, -, -, -, -, -, -
405.15, 411.85, SHR, MOD, -, -, -, -, Moderate to strong chaotic shearing
407.80, 408.00, FLD, -, -, -, -, -, -

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
405.15, 409.00, CBT, 25.00, -, -, -, -, -, -, CAO, -, -, 25% chaotic and discontinous carb veinning
406.00, 409.00, QtzCbt, 5.00, -, -, -, -, -, -, CAO, -, -, 5% chaotic and discontinous carb veinning
409.00, 411.85, CBT, 2.00, -, -, -, -, -, -, CAO, -, -, -
409.00, 411.85, QtzCbt, 1.00, -, -, -, -, -, -, CAO, -, -, -

Major: **From:** 411.85 **To:** 416.60 Uc, Carbonated Ultramafic

Composition: Dark grey and white to beige, chaotic texture; Uc - carbonated ultramafics Magnetism: none magnetic Veinning: 2% irregular and discontinous qtz-carb veinning Structure: Moderate chaotic shearing, weak preferential alignment at 90 TCA with local chaotic folding Alteration: Strong patchy carbonate and strong chlorite Mineralization: Py interval occuring in minor felsite intrusions Lower Contact: Sharp at 85 TCA

MINOR INTERVAL
412.05 - 412.30: 1F40% folded and irregular felsite intrusions with weak hem? alt, 5% vfgr Py dusting

MINOR INTERVAL
414.25 - 414.75: 1F80% strongly deformed felsite intrusions with 10% vfgr Py dusting

MINOR INTERVAL
415.05 - 416.00: 1F35% strongly deformed felsite intrusions with 5% vfgr Py dusting

MINERALIZATION
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
412.05, 412.30, PYR, DIS, 2.00, -, VFG, -
414.25, 414.75, PYR, DIS, 10.00, -, VFG, -

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND119339	412.3	413.1	0.8	0.003				
CAOND119340	413.1	414.2	1.2	0.008				
CAOND119341	414.2	415.1	0.9	0.044				
CAOND119342	415.1	416.0	1.0	0.104				
CAOND119343	416.0	416.6	0.6	0.015				

Hole number: KLAN20-097

415.05, 416.00, PYR, DIS, 5.00, -, VFG, -
416.00, 416.60, PYR, DIS, 2.00, -, FGR, -

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
411.85, 416.60, BTI+, SPO, MOD, -, -, -, -
411.85, 416.60, CBT+, PAT, STRONG, -, -, -, -
411.85, 416.60, CHL+, PAT, STRONG, -, -, -, -

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
411.85, 414.00, FOL, WEAK, 80.00, -, -, -, -
411.85, 416.60, FLD, -, -, -, -, -, Chaotic folding of carbonate
411.85, 416.60, SHR, MOD, -, -, -, -, -
412.05, 412.30, FLD, -, -, -, -, -, -
414.00, 416.00, FOL, STRONG, 90.00, -, -, -, -
416.00, 416.30, CRN, MOD, -, -, -, -, -
416.00, 416.60, FOL, STRONG, 40.00, -, -, -, -

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
411.85, 416.60, QtzCbt, 2.00, -, -, -, -, -, -, CAO, -, -, -

Major: **From:** 416.60 **To:** 423.00 U, Ultramafic Volcanics

Composition: Dark bluish grey, fine grained, homogeneous, strongly deformed; U - Ultramafic Magnetism: Weak magnetic Veinning: 20% chaotic and brecciated white qtz veinning Structure: Strong to intense chaotic shearing and fracturing, crumbly with local fault gouge Alteration: Strong pervasive chlorite, moderate patchy carbonate, weak pervasive talc Mineralization: 0.5-1% random fine grained Py Lower Contact:

MINERALIZATION
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
416.60, 423.00, PYR, DIS, .50, -, FGR, -

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
416.60, 423.00, BTI+, SPO, MOD, -, -, -, -
416.60, 422.95, CBT+, PAT, MOD, -, -, -, -
416.60, 422.95, CHL+, PEN, STRONG, -, -, -, -
416.60, 422.95, TLC+, PEN, WEAK, -, -, -, -

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
CAOND119344	416.6	418.0	1.4	0.003				
CAOND119346	418.0	419.0	1.0	0.003				
CAOND119347	419.0	420.0	1.0	0.003				
CAOND119348	420.0	421.0	1.0	0.003				
CAOND119349	421.0	422.0	1.0	0.003				
CAOND119351	422.0	423.0	1.0	0.003				
CAOND119352	423.0	423.6	0.6	0.006				

Hole number: KLAN20-097

416.60, 416.61, LWC, -, 85.00, -, -, -, -
416.60, 420.60, FAL, MOD, -, -, -, -, -
416.60, 420.60, FRA, STRONG, -, -, -, -, -
416.60, 423.00, SHR, MOD, -, -, -, -, -
416.90, 417.05, GGE, -, -, -, -, -, -
417.70, 417.90, GGE, -, -, -, -, -, -
418.50, 418.55, GGE, -, -, -, -, -, -
420.00, 420.10, GGE, -, -, -, -, -, -
420.30, 420.60, GGE, -, -, -, -, -, -

VEIN

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

416.60, 418.30, QTZ, 20.00, -, -, -, -, -, -, DFM, -, -, -
419.60, 423.00, QTZ, 15.00, -, -, -, -, -, -, DFM, -, -, -

Major: **From:** 423.00 **To:** 426.40 1F, Felsite

Composition: 60% medium orangish pink, medium purplish pink and medium reddish brown, fine grained, massive, chaotic texture; 1F - felsite Magnetism: none Veinning: 10% pale grey qtz veins up to 10cm thick, 10% mm scale fracture filling carb-qtz Structure: Moderate healed micrfracturing Alteration: Moderate spotty carb, patchy kspar? Mineralization: 10% vfgr Py dusting Lower Contact: irregular and slightly wavy; trending at 0 TCA

MINOR INTERVAL

423.55 - 424.14: UUltramfics, strong pervasive chl and patchy carbonate alteration, strong chaotic shearing throughout, sandwiched between 2 felsic intrusions with sharp upper contact at 30 TCA and irregular lower contact

MINOR INTERVAL

425.15 - 425.60: UUltramfics, strong pervasive chl and patchy carbonate alteration, strong chaotic shearing throughout, sandwiched between 2 felsic intrusions with sharp upper contact at 90 TCA and sharp lower contact at 80 TCA

MINOR INTERVAL

425.80 - 426.40: U50% Ultramfics, strong pervasive chl and patchy carbonate alteration, strong chaotic shearing throughout, taking up 1/2 of the core trending at 0

MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

423.00, 423.55, PYR, DIS, 10.00, -, VFG, -
424.15, 425.15, PYR, DIS, 10.00, -, VFG, -
425.15, 426.15, PYR, DIS, 10.00, -, VFG, -
425.60, 425.80, PYR, DIS, 10.00, -, VFG, -
426.00, 426.40, PYR, DIS, 5.00, -, VFG, -

ALTERATION

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND119353	423.6	424.2	0.6	0.003				
CAOND119354	424.2	425.2	1.0	0.010				
CAOND119355	425.2	425.9	0.7	0.003				
CAOND119356	425.9	426.4	0.6	0.003				

Hole number: KLAN20-097

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
423.00, 426.40, BTI+, SPO, MOD, -, -, -, -
423.05, 423.10, CHL+, PAT, STRONG, -, -, -, -
423.05, 423.15, CBT+, PAT, MOD, -, -, -, -
423.05, 423.15, TLC+, PEN, WEAK, -, -, -, -
423.55, 424.14, CHL+, PAT, STRONG, -, -, -, -
423.55, 424.15, CBT+, PAT, MOD, -, -, -, -
423.55, 424.15, TLC+, PEN, WEAK, -, -, -, -
425.15, 425.60, CBT+, PAT, MOD, -, -, -, -
425.15, 425.60, CHL+, PAT, STRONG, -, -, -, -
425.15, 425.60, TLC+, PEN, WEAK, -, -, -, -
425.80, 426.40, CBT+, PAT, MOD, -, -, -, -
425.80, 426.40, CHL+, PAT, STRONG, -, -, -, -
425.80, 426.40, TLC+, PEN, WEAK, -, -, -, -

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
423.55, 424.15, FOL, WEAK, 90.00, -, -, -, -
423.55, 424.15, SHR, MOD, -, -, -, -, -
425.15, 425.60, FLD, WEAK, -, -, -, -, chaotic cm scale folding
425.15, 425.60, FOL, WEAK, 50.00, -, -, -, -
425.15, 425.60, SHR, MOD, -, -, -, -, -
425.80, 426.40, FLD, WEAK, -, -, -, -, chaotic cm scale folding of veins and patches of carbonate
425.80, 426.40, SHR, WEAK, -, -, -, -, -

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
423.00, 423.70, QTZ, 30.00, -, -, -, -, GRY2_BASIC, -, MAS, PYR, 3.00, 30% pale grey qtz veins 5-10cm thick with 3% vfgr Py dusting in margins
423.70, 424.15, QtzCbt, 1.00, -, -, -, -, -, -, DFM, -, -, -
424.15, 425.15, QtzCbt, 15.00, -, -, -, -, -, -, VNT, -, -, -
425.15, 425.60, QtzCbt, 5.00, -, -, -, -, -, -, DFM, -, -, -
425.80, 426.40, QtzCbt, 20.00, -, -, -, -, -, -, IRR, -, -, -

Major: **From:** 426.40 **To:** 438.20 U, Ultramafic Volcanics

Composition: Dark bluish grey, fine grained, massive, homogeneous, moderately sheared; U-ultramafics Magnetism: Moderate Veinning: 1-2% deformed qtz-carb veinning Structure: Moderate chaotic shearing throughout with local faulting and fault gouge Alteration: Strong pervasive chlorite, weak pervasive talc, moderate patchy carbonate alteration, but less abundant than previous ultramafic intervals. Mineralization: 0.5-1% random fine grained Py Lower Contact: Sharp at 40 TCA

MINOR INTERVAL
429.10 - 429.70: IMinor moderately fractured intrusion with weak bleaching in lower contact margins,

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND119357	426.4	427.0	0.6	0.003				
CAOND119358	427.0	428.0	1.0	0.003				
CAOND119359	428.0	429.1	1.1	0.003				
CAOND119361	429.1	429.7	0.6	0.003				
CAOND119362	429.7	430.6	0.9	0.003				
CAOND119363	430.6	432.0	1.4	0.003				

Hole number: KLAN20-097

1% dissminated Py

MINOR INTERVAL

430.15 - 430.45: IMinor dark reddish purple, weakly folded intrusion with 3% vfgr disseminated Py and irregular contacts

MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

429.10, 429.70, PYR, DIS, 1.00, -, VFG, -
430.15, 430.45, PYR, DIS, 3.00, -, VFG, -
430.45, 438.20, PYR, DIS, 1.00, -, FGR, -

ALTERATION

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

426.40, 438.20, BTI+, SPO, MOD, -, -, -, -
426.40, 429.10, CBT+, PAT, MOD, -, -, -, -
426.40, 429.10, CHL+, PAT, STRONG, -, -, -, -
426.40, 429.10, TLC+, PEN, WEAK, -, -, -, -
429.70, 438.20, CBT+, PAT, MOD, -, -, -, -
429.70, 438.20, CHL+, PEN, STRONG, -, -, -, -
429.70, 438.20, TLC+, PEN, WEAK, -, -, -, -

STRUCTURE

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

426.40, 438.20, FLD, WEAK, -, -, -, -, chaotic cm scale folding of veins and patches of carbonate
426.40, 438.20, SHR, WEAK, -, -, -, -, -
426.40, 426.60, FRA, WEAK, -, -, -, -, -
427.00, 427.01, GGE, -, -, -, -, -, -
428.80, 432.30, FRA, MOD, -, -, -, -, in/out intervals of moderate fracturing
429.70, 430.00, FAL, -, -, -, -, -, -
429.70, 430.00, GGE, -, -, -, -, -, -
436.00, 436.40, GGE, -, -, -, -, -, -
436.10, 438.00, BRF, -, -, -, -, -, -
436.10, 438.00, FAL, -, -, -, -, -, -
437.30, 437.55, GGE, -, -, -, -, -, -
437.95, 438.05, GGE, -, -, -, -, -, -
438.20, 438.20, FOL, MOD, 40.00, -, -, -, -

VEIN

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

426.40, 427.00, QtzCbt, 20.00, -, -, -, -, -, -, IRR, -, -, -
427.00, 429.10, QtzCbt, 2.00, -, -, -, -, -, -, DSN, -, -, -

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND119364	432.0	433.5	1.5	0.003				
CAOND119365	433.5	435.0	1.5	0.003				
CAOND119366	435.0	436.0	1.0	0.003				
CAOND119367	436.0	437.0	1.0	0.003				
CAOND119368	437.0	438.2	1.2	0.003				

Hole number: KLAN20-097

429.10, 436.00, QtzCbt, 1.00, -, -, -, -, -, -, DFM, -, -, -
436.00, 436.50, QTZ, 60.00, -, -, -, -, -, -, DFM, -, -, -
436.50, 438.20, QTZ, 2.00, -, -, -, -, -, -, DFM, -, -, -

Major: **From:** 438.20 **To:** 447.90 1F, Felsite

Composition: chaotic, brecciated and deformed, pale grey, pink, orangish pink with dark grey matrix; 1F-Felsite. Magnetism: Strong patchyes of magnetism Veinning: 5% irregular qtz-carb veinning Structure: Moderate chaotic deformation/brecciated chunks of intrusion Alteration: Moderate patcht carbonate alteration Mineralization: 1-2% locally up to 5% fine grained patches of Py Lower Contact: Shapr and irregular

MINOR INTERVAL

438.20 - 439.50: IMinor interval of mixed tuff?, deformed intermediate intrusion and clasts of felsic intrusion

MINOR INTERVAL

444.60 - 446.40: IMinor fine grained, massive, equigranular, dark purplish grey with with spots, intermediate intrusion? weak foliation at 40-50 TCA, rare Py and veinning

MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
438.20, 439.50, PYR, DIS, 2.00, -, FGR, -
439.50, 443.80, PYR, DIS, 2.00, -, FGR, -
443.80, 444.60, PYR, DIS, 5.00, -, VFG, -
444.60, 446.40, PYR, DIS, .50, -, VFG, -
446.40, 447.90, PYR, DIS, 10.00, -, VFG, -

ALTERATION

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
438.20, 447.90, BTI+, SPO, MOD, -, -, -, -
438.20, 439.50, ALB+, PAT, MOD, -, -, -, -
438.20, 439.50, CBT+, SPO, MOD, -, -, -, -
439.50, 444.60, CBT+, PAT, MOD, -, -, -, -
444.60, 446.40, CBT+, SPO, MOD, -, -, -, -
446.40, 447.90, CBT+, PAT, WEAK, -, -, -, -

STRUCTURE

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
438.20, 438.20, FOL, MOD, 40.00, -, -, -, -
438.20, 439.50, BRC, MOD, -, -, -, -, -
438.20, 439.50, DFZ, MOD, -, -, -, -, -
439.50, 444.60, BRC, WEAK, -, -, -, -, -
439.50, 444.60, DFZ, MOD, -, -, -, -, chaotic deformation
444.60, 446.40, FOL, WEAK, 40.00, -, -, -, -
447.30, 447.70, FOL, MOD, 55.00, -, -, -, -

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND119369	438.2	439.5	1.3	0.003				
CAOND119371	439.5	440.5	1.0	0.137				
CAOND119372	440.5	441.5	1.0	0.511				
CAOND119373	441.5	442.5	1.0	0.057				
CAOND119374	442.5	443.5	1.0	0.073				
CAOND119376	443.5	444.6	1.1	0.363				
CAOND119377	444.6	445.5	0.9	0.003				
CAOND119378	445.5	446.4	0.9	0.003				
CAOND119379	446.4	447.3	0.9	0.122				
CAOND119381	447.3	447.9	0.6	0.003				

Hole number: KLAN20-097

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
438.20, 439.50, QtzCbt, 5.00, -, -, -, -, -, -, DFM, -, -, -
439.50, 444.60, QtzCbt, 8.00, -, -, -, -, -, -, DFM, -, -, -
446.40, 447.90, QtzCbt, 15.00, -, -, -, -, -, -, DFM, -, -, -

Major: **From:** 447.90 **To:** 451.90 V9, Tuf

Composition: medium grey, dark purplish grey, pale pink, medium orangish pink, heterolithic and chaotic mixture of tuff and intrusion; V9-tuff Magnetism: Strongly magnetic Veinning: 1-2% carbonate veinlets Structure: Moderate chaotic deformation with weak location foliation at 40-50 TCA Alteration: Moderate spotty carbonate alteration throughout Mineralization: 1-3% vfgr diss Py Lower Contact: Irregular and wavy

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND119382	447.9	449.0	1.1	0.003				
CAOND119383	449.0	450.5	1.5	0.003				
CAOND119384	450.5	451.9	1.4	0.003				

MINERALIZATION
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
447.90, 451.00, PYR, DIS, .50, -, VFG, -
451.00, 451.90, PYR, DIS, 1.00, -, VFG, -

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
447.90, 451.90, BTI+, SPO, MOD, -, -, -, -
447.90, 451.90, CBT+, SPO, MOD, -, -, -, -
447.90, 451.90, CBT+, SPO, MOD, -, -, -, -

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
447.90, 451.90, FOL, WEAK, 40.00, -, -, -, -
447.90, 451.90, SHR, MOD, -, -, -, -, -

Major: **From:** 451.90 **To:** 454.30 I2D, Syénite

Composition: Dark reddish purple, fine grained, massive; I2D - Syenite Magnetism: Strong Veinning: non Structure: Weak foliation defined by alignment of veinlets at 40 TCA Alteration: Moderate spotty and fracture filling carbonate throughout Mineralization: 0.5-1% vfgr diss Py Lower Contact: Sharp and straight oriented at 70 TCA

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND119385	451.9	453.0	1.1	0.003				
CAOND119386	453.0	454.3	1.3	0.003				

MINERALIZATION
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
451.90, 454.30, PYR, DIS, .50, -, VFG, -

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
451.90, 454.30, BTI+, SPO, MOD, -, -, -, -
451.90, 454.30, CBT+, SPO, MOD, -, -, -, -

Hole number: KLAN20-097

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
451.90, 454.30, FOL, WEAK, 40.00, -, -, -, -

Major: **From:** 454.30 **To:** 459.00 V9, Tuf

Composition: medium grey, dark purplish grey, pale pink, medium orangish pink, heterolithic and chaotic mixture of tuff and intrusion; V9-tuff Magnetism: Strongly magnetic Veinning: 1-2% carbonate veinlets Structure: Moderate chaotic deformation with weak location foliation at 40-50 TCA Alteration: Moderate spotty carbonate alteration throughout Mineralization: 1-3% vfgr diss Py Lower Contact: Irregular and wavy

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND119387	454.3	455.3	1.0	0.010				
CAOND119388	455.3	456.5	1.2	0.003				
CAOND119389	456.5	457.0	0.5	0.003				
CAOND119391	457.0	458.0	1.0	0.015				
CAOND119392	458.0	459.1	1.1	0.125				

MINERALIZATION
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
454.30, 459.00, PYR, DIS, 2.00, -, VFG, -

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
454.30, 459.00, BTI+, SPO, MOD, -, -, -, -
454.30, 459.00, CBT+, SPO, MOD, -, -, -, -

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
454.30, 459.00, BRC, WEAK, -, -, -, -, -
454.30, 459.00, FOL, WEAK, 45.00, -, -, -, -
454.30, 459.00, SHR, MOD, -, -, -, -, -

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
458.80, 459.00, QtzCbt, 15.00, -, -, -, -, -, -, IRR, -, -, -

Major: **From:** 459.00 **To:** 460.50 1F, Felsite

Composition: medium buff, medium pinkish and yellowish buff, fine grained, strongly deformed; 1F-felsite? Magnetism: strong Veinning: 2% irregular qtz-carb veinning Structure: Moderate deformation and moderate foliation at 40 TCA Alteration: Moderate patchy albite?, moderate fracture filling chl, moderate fracture filling sercite alteration Mineralization: 0.5% very fine grained Py Lower Contact: irregular

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND119393	459.1	460.5	1.4	0.074				
CAOND119394	460.5	461.5	1.1	0.003				

MINERALIZATION
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
459.00, 460.50, PYR, DIS, 1.00, -, VFG, -

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

459.00, 460.50, BTI+, SPO, MOD, -, -, -, -
459.00, 460.50, ALB+, PAT, MOD, -, -, -, -
459.00, 460.50, CBT+, SPO, WEAK, -, -, -, -
459.00, 460.50, CHL+, FRF, STRONG, -, -, -, -

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
459.00, 460.50, FOL, MOD, 40.00, -, -, -, -
459.00, 460.50, SHR, STRONG, -, -, -, -, -

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
459.00, 459.10, QtzCbt, 15.00, -, -, -, -, -, -, IRR, -, -, -
459.10, 460.50, QtzCbt, 5.00, -, -, -, -, -, -, IRR, -, -, -

Major: **From:** 460.50 **To:** 464.10 GCZ, Green Carbonate Zone

Composition: Medium grey and medium greenish grey stringers with irregular chaotic patches of beige, pale grey and white, heterolithic, strongly chaotic deformation; GCZ - green carbonate zone. Magnetism: None Veinning: 3% chaotically folded and deformed qtz-carb veinning Structure: Strong chaotic brittle-ductile deformation, moderate preferential alignment at 40-50 TCA Alteration: Strong patchy to pervasive carbonate alteration, strong microfracture filling chlorite alteration Mineralization: 0.5-1% vfgr diss Py Lower Contact: Sharp and irregular.

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND119395	461.5	462.5	1.0	0.005				
CAOND119396	462.5	463.5	1.0	0.003				
CAOND119397	463.5	464.2	0.7	0.003				

MINERALIZATION
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
460.50, 464.10, PYR, DIS, 1.00, -, VFG, -

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
460.50, 464.10, BTI+, SPO, MOD, -, -, -, -
460.50, 464.10, CBT+, PAT, STRONG, -, -, -, -
460.50, 464.10, CHL+, FRF, STRONG, -, -, -, -

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
460.50, 464.10, FOL, MOD, 40.00, -, -, -, -
460.50, 464.10, SHR, STRONG, -, -, -, -, -

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
460.50, 464.10, QtzCbt, 15.00, -, -, -, -, -, -, IRR, -, -, -

Hole number: KLAN20-097

Major: **From:** 464.10 **To:** 468.80 Uc, Carbonated Ultramafic

Composition: Dark grey and white to beige, chaotic texture, 50% irregular and deformed tuff/intrusion? mixture; Uc - carbonated ultramafics Magnetism: none magnetic Veinning: 10% irregular and discontinous qtz-carb veinning Structure: Strong chaotic shearing, weak preferential alignment at 0 TCA gradually increasing to50 TCA with local chaotic folding Alteration: Strong patchy carbonate and strong chlorite, Mineralization: 5-10% vfgr diss Py interval occuring in minor felsite intrusions Lower Contact: Sharp and straight at 40 TCA

MINOR INTERVAL

464.10 - 464.90: 1F50% folded and irregular felsic intrusion with 10% vfgr diss Py

MINOR INTERVAL

466.00 - 466.50: 1FMinor interval of moderate tostrongly shear intrusion

MINOR INTERVAL

467.15 - 468.80: V9Minor interval of mixture of sheared intrusion and tuff?

MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

464.10, 464.90, PYR, DIS, 10.00, -, VFG, -
464.90, 466.00, PYR, DIS, 5.00, -, VFG, occuring in minor intrusion
466.00, 466.50, PYR, DIS, 8.00, -, FGR, -
466.50, 467.15, PYR, DIS, 1.00, -, FGR, -
467.15, 468.00, PYR, DIS, 5.00, -, VFG, -
468.00, 468.80, PYR, DIS, 2.00, -, VFG, -

ALTERATION

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

464.10, 468.80, BTI+, SPO, MOD, -, -, -, -
464.10, 464.90, ALB+, PAT, MOD, -, -, -, -
464.90, 466.00, CBT+, PAT, STRONG, -, -, -, -
464.90, 466.00, CHL+, PAT, STRONG, -, -, -, -
466.00, 466.50, ALB+, PAT, MOD, -, -, -, -
466.50, 467.15, CBT+, PAT, WEAK, -, -, -, -
466.50, 467.15, CHL+, PAT, STRONG, -, -, -, -

STRUCTURE

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

464.10, 465.10, FOL, MOD, 45.00, -, -, -, -
464.10, 466.00, SHR, STRONG, -, -, -, -, -
465.10, 465.70, FOL, WEAK, 0.00, -, -, -, -
465.70, 466.00, FOL, MOD, 50.00, -, -, -, -
466.00, 468.80, SHR, STRONG, -, -, -, -, -
467.15, 468.80, FOL, MOD, 60.00, -, -, -, -

VEIN

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND119398	464.2	464.9	0.7	0.015				
CAOND119399	464.9	466.0	1.1	0.003				
CAOND119401	466.0	466.5	0.5	0.013				
CAOND119402	466.5	467.1	0.6	0.003				
CAOND119403	467.1	468.0	0.9	0.044				
CAOND119404	468.0	468.8	0.8	0.376				

Hole number: KLAN20-097

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COM
NTS
465.00, 466.00, QtzCbt, 20.00, -, -, -, -, -, -, IRR, -, -, -
466.50, 467.15, QtzCbt, 25.00, -, -, -, -, -, -, IRR, -, -, -

Major: **From:** 468.80 **To:** 487.20 S, Roches sédimentaires indéterminées

Composition: Medium green, fine grained, very finely laminated; S-sediments Magnetism: none Veinning: 1-2% qtz-carb veining, irregular occuring over 10cm intervals Structure: Fine laminations at 60 TCA Alteration: pervasive weak chl and calcite Mineralization: 0.5% Py occuring at random Lower Contact: Gradational

MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
468.80, 487.20, PYR, PAT, .50, -, VFG, -

ALTERATION

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
468.80, 487.20, BTI+, SPO, MOD, -, -, -, -
468.80, 487.20, CAL+, PEN, WEAK, -, -, -, -
468.80, 487.20, CHL+, PEN, WEAK, -, -, -, -

STRUCTURE

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
468.80, 487.20, BED, MOD, 60.00, -, -, -, -

VEIN

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COM
NTS
473.90, 474.00, QTZ_2, 20.00, -, -, -, -, -, -, IRR, -, -, -
477.50, 477.60, QtzCbt, 100.00, -, -, -, -, -, -, -, -, -, -
479.50, 482.00, QTZ_2, 5.00, -, -, -, -, -, -, -, -, -, -

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND119405	468.8	470.0	1.2	0.045				
CAOND119406	470.0	471.5	1.5	0.007				
CAOND119407	471.5	473.0	1.5	0.008				
CAOND119408	473.0	474.5	1.5	0.009				
CAOND119409	474.5	476.0	1.5	0.006				
CAOND119410	476.0	477.0	1.0	0.012				
CAOND119411	477.0	478.0	1.0	0.013				
CAOND119412	478.0	479.0	1.0	0.015				
CAOND119413	479.0	480.0	1.0	0.031				
CAOND119414	480.0	481.0	1.0	0.020				
CAOND119416	481.0	482.0	1.0	0.007				
CAOND119417	482.0	483.5	1.5	0.023				
CAOND119418	483.5	485.0	1.5	0.009				
CAOND119419	485.0	486.5	1.5	0.082				
CAOND119421	486.5	488.0	1.5	0.122				

Major: **From:** 487.20 **To:** 498.00 S1, CONGLOMÉRAT

Composition: various shades of green with minor greys, finely laminated, moderately flattened, matrix supported pebbly wake; S1 - Conglomerat Magnetism: none Veinning: 25% qtz-chl-cal veinning over 1m interval Structure: Strong fine lamnation at 50-60 TCA Alteration: Pervasive moderate chl and patchy cal Mineralization: local 1% fgr Py Lower Contact: Not reached

ALTERATION

TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
487.20, 498.00, BTI+, SPO, MOD, -, -, -, -

STRUCTURE

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
487.20, 498.00, BED, STRONG, 60.00, -, -, -, -

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND119422	488.0	489.5	1.5	0.202				
CAOND119423	489.5	491.0	1.5	0.049				
CAOND119424	491.0	492.5	1.5	0.033				
CAOND119426	492.5	493.7	1.2	0.011				
CAOND119427	493.7	494.4	0.7	0.012				
CAOND119428	494.4	495.5	1.1	0.005				
CAOND119429	495.5	497.0	1.5	0.014				
CAOND119431	497.0	498.0	1.0	0.008				

Hole number: KLAN20-097

VEIN

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

493.70, 494.40, QtzCalChl, 35.00, -, -, -, -, -, -, -, -, -, -

RQD

From	To	Quality (%)	Recov.(%)	C.A.	Break	Disking	Comment
27.0	30.0	98.00	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	83.00	100.00			N	
39.0	42.0	87.00	100.00			N	
42.0	45.0	90.00	100.00			N	
45.0	48.0	87.00	100.00			N	
48.0	51.0	80.00	100.00			N	
51.0	54.0	80.00	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	93.00	100.00			N	
66.0	69.0	40.00	100.00			N	
69.0	72.0	80.00	100.00			N	
72.0	75.0	83.00	100.00			N	
75.0	78.0	97.00	100.00			N	
78.0	81.0	90.00	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	90.00	100.00			N	
90.0	93.0	100.00	100.00			N	
93.0	96.0	93.00	100.00			N	
96.0	99.0	80.00	100.00			N	

Hole number: KLAN20-097

RQD

From	To	Quality (%)	Recov.(%)	C.A.	Break	Disking	Comment
99.0	102.0	93.00	100.00			N	
102.0	105.0	70.00	100.00			N	
105.0	108.0	67.00	100.00			N	
108.0	111.0	93.00	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	93.00	100.00			N	
120.0	123.0	43.00	100.00			N	
123.0	126.0	47.00	100.00			N	
126.0	129.0	80.00	100.00			N	
129.0	132.0	70.00	100.00			N	
132.0	135.0	87.00	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	93.00	100.00			N	
144.0	147.0	77.00	100.00			N	
147.0	150.0	93.00	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	97.00	100.00			N	
159.0	162.0	87.00	100.00			N	
162.0	165.0	97.00	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	97.00	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	

Hole number: KLAN20-097

RQD

From	To	Quality (%)	Recov.(%)	C.A.	Break	Disking	Comment
183.0	186.0	90.00	100.00			N	
186.0	189.0	87.00	100.00			N	
189.0	192.0	97.00	100.00			N	
192.0	195.0	97.00	100.00			N	
195.0	198.0	90.00	100.00			N	
198.0	201.0	90.00	100.00			N	
201.0	204.0	87.00	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	77.00	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	93.00	100.00			N	
225.0	228.0	93.00	100.00			N	
228.0	231.0	93.00	100.00			N	
231.0	234.0	87.00	100.00			N	
234.0	237.0	90.00	100.00			N	
237.0	240.0	93.00	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	90.00	100.00			N	
252.0	255.0	93.00	100.00			N	
255.0	258.0	97.00	100.00			N	
258.0	261.0	90.00	100.00			N	
261.0	264.0	93.00	100.00			N	
264.0	267.0	93.00	100.00			N	

Hole number: KLAN20-097

RQD

From	To	Quality (%)	Recov.(%)	C.A.	Break	Disking	Comment
267.0	270.0	93.00	100.00			N	
270.0	273.0	73.00	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	87.00	100.00			N	
282.0	285.0	97.00	100.00			N	
285.0	288.0	93.00	100.00			N	
288.0	291.0	90.00	100.00			N	
291.0	294.0	93.00	100.00			N	
294.0	297.0	93.00	100.00			N	
297.0	300.0	97.00	100.00			N	
300.0	303.0	93.00	100.00			N	
303.0	306.0	93.00	100.00			N	
306.0	309.0	93.00	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	97.00	100.00			N	
318.0	321.0	83.00	100.00			N	
321.0	324.0	97.00	100.00			N	
324.0	327.0	83.00	100.00			N	
327.0	330.0	97.00	100.00			N	
330.0	333.0	83.00	100.00			N	
333.0	336.0	90.00	100.00			N	
336.0	339.0	90.00	100.00			N	
339.0	342.0	93.00	100.00			N	
342.0	345.0	87.00	100.00			N	
345.0	348.0	90.00	100.00			N	
348.0	351.0	87.00	100.00			N	

Hole number: KLAN20-097

RQD

From	To	Quality (%)	Recov.(%)	C.A.	Break	Disking	Comment
351.0	354.0	77.00	100.00			N	
354.0	357.0	90.00	100.00			N	
357.0	360.0	80.00	100.00			N	
360.0	363.0	87.00	100.00			N	
363.0	366.0	80.00	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	90.00	100.00			N	
375.0	378.0	90.00	100.00			N	
378.0	381.0	80.00	100.00			N	
381.0	384.0	83.00	100.00			N	
384.0	387.0	60.00	100.00			N	
387.0	390.0	70.00	100.00			N	
390.0	393.0	80.00	100.00			N	
393.0	396.0	83.00	100.00			N	
396.0	399.0	83.00	100.00			N	
399.0	402.0	77.00	100.00			N	
402.0	405.0	53.00	100.00			N	
405.0	408.0	70.00	100.00			N	
408.0	411.0	87.00	100.00			N	
411.0	414.0	80.00	100.00			N	
414.0	417.0	77.00	100.00			N	
417.0	420.0	10.00	100.00			N	
420.0	423.0	63.00	100.00			N	
423.0	426.0	97.00	100.00			N	
426.0	429.0	57.00	100.00			N	
429.0	432.0	43.00	100.00			N	
432.0	435.0	57.00	100.00			N	

Hole number: KLAN20-097

RQD

From	To	Quality (%)	Recov.(%)	C.A.	Break	Disking	Comment
435.0	438.0	33.00	100.00			N	
438.0	441.0	83.00	100.00			N	
441.0	444.0	80.00	100.00			N	
444.0	447.0	77.00	100.00			N	
447.0	450.0	90.00	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	95.00	100.00			N	
459.0	462.0	97.00	100.00			N	
462.0	465.0	92.00	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	97.00	100.00			N	
480.0	483.0	93.00	100.00			N	
483.0	486.0	100.00	100.00			N	
486.0	489.0	90.00	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	90.00	100.00			N	

AGNICO EAGLE

DRILL HOLE REPORT

EXPLORATION CANADA
ONTARIO

Hole number: KLAN20-098 | **Project Number:** A_MCBEAN | **Project name:** ANOKI-MCBEAN

Historic hole number:		**Collar survey:**	Y	**From:**	0.0	**Coordinates:**	P
System:	METRIC	**Verified:**		**To:**	465.0	**Grid:**	UTM83-17_CSRS-2010:
Target:	A_MCBEAN	**Gas:**	N	**Depth:**	465.0	**North:**	5,330,858.45
No. Claim:	PAT-29890	**Multishot survey:**	N	**Location:**	Surface	**East:**	587,010.27
Year:	2 020	**Is making water:**	N	**Core storage:**	Mine Site	**Elevation:**	309.57
Date started:	2020-07-04	**Object in hole:**	N	**Contractor:**	Major Diamond Drilling	**Collar dip:**	-46.90
Date logged:	2020-07-06	**Pulse EM survey:**	N	**Logged by:**	Laura Quintini	**Collar azimuth:**	15.31
Date completed:	2020-07-10	**Plugged:**	Y	**Signature:**	Mélanie Bouchard		
Core size:	NQ	**Cemented:**	Y				
Hole type:	DDH	**Branch:**	N				
Casing:	Left in Hole, capped	**Reserve:**					
Logging status:	Signed						
Rig number:	0132						

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

Comment: Proposed hole: KLANP-2. Major drill rig: 132. Stabilisation = 1x 3m Hex core barrel and 1x 18inch shell. Pulled 6m rods at 222m. Testing eastern plunge of Anoki Main Zone. Logged by Laura QUINTINI (0-164.3m and 437.5-EOH) & DHugo (164.3-437.5).

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	395.3	399.5	4.2			0.474						
WEIGHTED	396.0	396.7	0.7			1.415						

Survey data

Depth	Azimuth dec.	Dip dec.	Type	Flag	Comments
0.0	15.31	-46.90	S	O	Surveyed collar direction
44.0	15.82	-45.70	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
68.0	14.07	-45.91	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
92.0	13.87	-46.13	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
116.0	14.94	-46.33	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
140.0	14.96	-46.65	G	O	Champ Navigator North Seeking Single
32.0	15.08	-45.34	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
56.0	15.00	-45.91	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
80.0	14.18	-46.09	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
104.0	14.98	-46.30	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
128.0	14.01	-46.39	G	O	Champ Navigator North Seeking Single Shot Mode, by Major Shot Mode, by Major

Hole number: KLAN20-098

Survey data

Depth	Azimuth dec.	Dip dec.	Type	Flag	Comments
152.0	13.99	-46.63	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
176.0	16.43	-46.43	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
200.0	15.53	-46.35	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
224.0	14.95	-46.30	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
245.0	14.69	-45.64	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
269.0	16.26	-45.47	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
293.0	16.74	-45.28	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
317.0	16.15	-44.96	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
341.0	16.97	-45.15	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
365.0	16.33	-45.10	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
389.0	15.48	-45.30	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
413.0	15.80	-45.42	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
437.0	16.02	-45.33	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
164.0	14.49	-46.52	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
188.0	15.41	-46.44	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
212.0	14.39	-46.38	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
236.0	15.16	-45.97	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
257.0	15.61	-45.55	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
281.0	15.61	-45.33	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
305.0	15.83	-44.98	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
329.0	16.26	-45.17	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
353.0	17.35	-45.07	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
377.0	16.62	-45.36	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
401.0	16.02	-45.31	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
425.0	14.85	-45.46	G	O	Champ Navigator North Seeking Single Shot Mode, by Major
449.0	15.68	-45.30	G	O	Champ Navigator North Seeking Single Shot Mode, by Major

Certificate
TM20150312
TM20150317
TM20154003
TM20154006
TM20156245

Sample dispatch	Lab package	Sample list*
CXE5505D20-010	Excaon1	CAOND152659 - CAOND152751
CXE5505D20-012	Excaon1	CAOND152752 - CAOND152761
CXE5505D20-08	Excaon1	CAOND152501 - CAOND152658

*The sample list may content samples from other holes

Sample number	Standard
CAOND152515	CDN-CM-27-AEM
CAOND152520	BLANK-DB
CAOND152530	CDN-CM-18-AEM
CAOND152545	CDN-CM-28-AEM
CAOND152560	CDN-CM-27-AEM
CAOND152570	BLANK-DB
CAOND152575	CDN-CM-18-AEM

Hole number: KLAN20-098

Sample number	Standard
CAOND152590	CDN-CM-28-AEM
CAOND152615	CDN-CM-27-AEM
CAOND152620	BLANK-DB
CAOND152630	CDN-CM-18-AEM
CAOND152645	CDN-CM-28-AEM
CAOND152660	CDN-CM-27-AEM
CAOND152670	BLANK-DB
CAOND152675	CDN-CM-18-AEM
CAOND152690	CDN-CM-28-AEM
CAOND152715	CDN-CM-27-AEM
CAOND152720	BLANK-DB
CAOND152730	CDN-CM-18-AEM
CAOND152745	CDN-CM-28-AEM
CAOND152760	CDN-CM-27-AEM

Major: **From:** 0.00 **To:** 30.60 OVB, Overburden

Major: **From:** 30.60 **To:** 106.45 U, Ultramafic Volcanics

Composition: massive, fine-grained, dark blue-grey, deformed Magnetism: weakly magnetic Veining: 2-10% of irregular ff and calcite breccia - Veins are associated TALC-CHL altn Structure: Some intervals with weak to strong folliation, zones with fault gouge and broken rubbles Alteration: Patchy (perv and ff) weak to moderated TALC-CHL altn througout. TALC-CHL altn mainly associated with the CAL veins. Small intervals with MOD BTI altn. Mineralization: Background traces (0.5%) of fg to mg disseminated PY associated or not with CAL veins Lower Contact: Sharp at 45 degree with Mam

MINOR INTERVAL

31.40 - 31.75: I3OComposition: massive, fine-grained BIT, dark grey Magnetism: no magnetic Veining: no veining Structure: no structures Alteration: WK-MOD perv BIT altn as well as weak patchy TALC-CHL altn Mineralization: Euhedral 2% fg to 2cm disseminated Py Contacts: Contacts are sharps with 70-80 deg angle

MINOR INTERVAL

78.45 - 79.55: I3OComposition: massive, fine-grained BIT, dark grey Magnetism: no magnetic Veining: No veins Structure: Weak 60 deg foliation Alteration: WK-MOD perv BIT altn as well as weak perv CHL and traces of patchy TALC altn Mineralization: Backgroung 0.1 % very fine Py disseminated grains Contacts: Sharp with 60-70 deg angle

MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

30.60, 31.75, PYR, DIS, 2.00, GRY2_BASIC, CGR, Interval with mainly coarse disseminated euhedral Py

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND152501	104.3	105.8	1.5	0.003				
Sampling starts here - New serie								
CAOND152502	105.8	106.5	0.7	0.003				

Hole number: KLAN20-098

within U and IO3 interval. At 31.47-31.50 CAL vein with cms associated PY.
102.00, 106.45, PYR, DIS, 1.00, GRY2_BASIC, FGR, Interval with 1% disseminated fg to mg blooby Py. Associated or not with CAL veinelets. Mainly found outside of these veinelets.

ALTERATION

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

30.60, 45.90, CHL+, PAT, WEAK, GRN2_BASIC, APH, -, Interval with really patchy CHL alteration. Dark green-black color. Can be found as pervasive and ff associated or not with the CAL veins. Difficult to differentiate CHL and TALC altn here.
30.60, 45.90, TLC+, PAT, WEAK, GRN2_BASIC, APH, -, Interval with really patchy TALC altn. The altn gives soapy texture and has green-black color. Can be found as pervasive and ff associated or not with the CAL veins. Mainly associated with the CAL veins. Difficult to differentiate CHL and TALC altn here.
31.40, 31.75, BTI+, PEN, WEAK, RED_00001, FGR, -, Pervasive weak to moderated BTI altn throuhout the lamprophre.
36.10, 36.30, BTI+, PEN, WEAK, RED_00001, FGR, -, Pervasive weak to moderated BTI altn inside U. Altn doesn't have sharp contacts - it is wispy.
45.90, 78.45, CHL+, PAT, MOD, GRN2_BASIC, APH, -, Interval with WK-MOD patchy CHL altn. Dark green-black color. Can be found as pervasive and ff associated or not with the CAL veins. Mainly associated with the CAL veins. Difficult to differentiate CHL and TALC altn here.
45.90, 78.45, TLC+, PAT, MOD, GRN2_BASIC, APH, -, Interval with WK-MOD patchy TALC altn. Soapy texture, green-black color. Can be found as pervasive and ff associated or not with the CAL veins. Mainly associated with the CAL veins. Difficult to differentiate CHL and TALC altn here.
78.35, 79.55, BTI+, PEN, MOD, RED_00001, APH, -, Pervasive weak to moderated BTI altn inside I3O and in its upper contact within the U.
78.45, 79.55, CHL+, PEN, WEAK, GRN2_BASIC, APH, -, Weak perv CHL atln
78.45, 79.55, TLC+, PAT, TRACE, GRN2_BASIC, APH, -, Traces of TALC altn mainl associated with CAL veinelets and slips.w
79.55, 106.45, CHL+, PAT, MOD, GRN2_BASIC, APH, -, Interval with MOD patchy CHL altn. Dark green-black color. Can be found as pervasive and ff associated or not with the CAL veins. Mainly associated with the CAL veins. Difficult to differentiate CHL and TALC altn here.
79.55, 106.45, TLC+, PAT, MOD, GRN2_BASIC, APH, -, Interval with MOD patchy TALC altn. Soapy texture, green-black color. Can be found as pervasive and ff associated or not with the CAL veins. Mainly associated with the CAL veins. Difficult to differentiate CHL and TALC altn here.
99.20, 101.50, BTI+, PAT, MOD, RED_00001, FGR, -, Interval with patchy iregular BIT altn. Occurs as ff or as pervasive.
101.50, 101.90, BTI+, PEN, MOD, RED_00001, FGR, -, Small dark interval of U with moderated BIT altn
106.35, 106.45, BTI+, PEN, MOD, RED_00001, FGR, -, Small dark interval of U with moderated BIT altn. At the contact with Mam.

STRUCTURE

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

Hole number: KLAN20-098

31.40, 31.41, UPC, -, 80.00, -, -, -, IO3 Upper contact
31.75, 31.76, LWC, -, 70.00, -, -, -, IO3 Lower contact
35.30, 35.90, BRR, MOD, -, -, -, -, Broken core
35.30, 36.00, GGE, MOD, 60.00, -, -, -, Gouge associated with broken cores
36.20, 37.30, FOL, WEAK, 65.00, -, -, -, Weakly foliated interval
45.05, 45.28, FOL, WEAK, 50.00, -, -, -, Weak foliation
45.90, 47.30, GGE, STRONG, -, -, -, -, Strongly broken core with important quantity of gouge.
45.90, 47.30, SZN, STRONG, -, -, -, -, Strongly broken core with important quantity of gouge.
64.60, 64.70, FGO, MOD, 60.00, -, -, -, Small interval with fault gouge
78.45, 78.46, UPC, -, 70.00, -, -, -, IO3 Upper contact
78.45, 79.00, FOL, WEAK, 60.00, -, -, -, Weak foln inside IO3
79.55, 79.56, LWC, -, 60.00, -, -, -, IO3 Lower contact
89.90, 90.10, FOL, STRONG, 60.00, -, -, -, Strong foln associated witn sheeted CAL veins
93.90, 94.10, FAL, WEAK, 30.00, -, -, -, Interval with 2 fault planes that run parallel - Weak- associated with talc-Py slips
95.50, 95.70, GGE, MOD, -, -, -, -, Mod gouge inside broken cores
97.45, 97.49, FGO, WEAK, 85.00, -, -, -, Weak fault gouge
101.90, 102.00, FGO, WEAK, 60.00, -, -, -, Small interal with broken rubbles and weak fault gouge
102.00, 105.80, FOL, WEAK, 70.00, -, -, -, Weak foliation shown by the alignment of CAL veins and veinelets and fractures

VEIN

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

33.00, 34.00, CAL, 10.00, -, -, -, -, GRY_00025, -, BRC, PYR, .50, Interval with mms irregular CAL veinelets that form stringers- Gives brecciated texture. Traces of disseminated PY in the veins. Associated with TALC-CHL altn.
34.00, 49.80, CAL, 5.00, -, -, -, -, GRY_00025, -, BRC, PYR, .50, Interval with mms to cms CAL veinelets mostly with brecciated texture but also ff. Associated with TALC-CHL altn. Traces of fg disseminated PY inside the veinelets.
49.80, 56.00, CAL, 2.00, -, -, -, -, GRY_00025, -, FRF, PYR, .10, mms to 1cm CAL ff veinelets throuhout. With associated TALC-CHL altn. Very rare fg disseminated PY inside the veins.
56.00, 73.00, CAL, 5.00, -, -, -, -, GRY_00025, -, BRC, PYR, .10, Interval with mms CAL veinelets mostly with brecciated texture but also ff. Associated with TALC-CHL altn. Rare traces of fg disseminated PY within the veins.
73.00, 74.10, CAL, 10.00, -, -, -, -, GRY_00025, -, BRC, -, -, Interval with 10% of mms CAL stringers forming brecciated-like texture. White-green color. No sulphide identified. Associated with TALC-CHL altn.
74.10, 77.90, CAL, 5.00, -, -, -, -, GRY_00025, -, FRF, PYR, .50, Interval with mms CAL ff veinelets to stringers. White-green color. Traces of fg to mg disseminated Py inside the veins. Associated with TALC-Chl altn.
80.00, 82.00, CAL, 5.00, -, -, -, -, GRY_00025, -, BRC, PYR, .10, Interval with mms CAL veinelets

Hole number: KLAN20-098

mostly with brecciated texture. White to green color. Associated with TALC-CHL altn. Rare traces of fg disseminated PY within the veins.
82.00, 82.75, CAL, 10.00, -, -, -, -, GRY_00025, -, STG, -, -, Very fine mm CAL stringers with no sulphides observed. Associated with TALC-CHL altn. White-green color.
82.75, 98.20, CAL, 5.00, -, -, -, -, GRY_00025, -, BRC, PYR, .50, White-green mms to cms CAL veins with brecciated texture - associated with TALC-CHL altn. Traces of fg to mg disseminates blobby Py associated with the veins.
89.90, 90.10, CAL, 40.00, 60.00, -, -, -, GRY_00025, -, SHT, PYR, 2.00, Interval with cms shetted milky white CAL veins that run parallel to a strong foliation. Veins are weak deformed. fg to mainly mg disseminated PY within the veins. Associated with TALC-CHL altn.
102.00, 105.80, CAL, 5.00, 70.00, -, -, -, GRY_00025, -, SHT, PYR, .50, Interval with mms white CAL veinelets that run parallel - parallel to the foliation and the fractures. Traces of fg to mg disseminated blooby Py

Major: **From:** 106.45 **To:** 111.30 Mam, Amphibolite

Composition: massive grey-redish rock, mm dark-green to black amphibole, fg (not like typical coarse grained Mam) Magnetism: weak Veinning: 5% reddish qtz veins Structure: none Alteration: Weak patchy BIT altn, mainly found as BIT clusters and as ff - both contacts have 10 cm moderated pervasive BIT altn Mineralization: 2-3% fg py, mainly as disseminated clusters and as ff clusters Lower Contact: sharp and wavy at 45 deg angle with U unit

ALTERATION

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

106.80, 111.30, BTI+, PAT, WEAK, RED_00001, FGR, -, Thi interval shows fg clusters of BIT and ff BIT mm veinelets inside Mam

STRUCTURE

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

106.45, 106.46, UPC, -, 45.00, -, -, -, Mam Upper contact

VEIN

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

106.80, 111.10, QTZ, 7.00, -, -, -, -, RED2_BASIC, -, MAS, PYR, 1.00, Interval with mms to 10 cm redish QTZ veins inside Mam. Their orientation change. 1% fg disseminated Py.

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND152503	106.5	107.5	1.1	0.003				
CAOND152504	107.5	109.0	1.5	0.003				
CAOND152505	109.0	110.5	1.5	0.003				
CAOND152506	110.5	111.3	0.8	0.003				

Major: **From:** 111.30 **To:** 126.90 U, Ultramafic Volcanics

Composition: massive, fine-grained, dark blue-grey, deformed Magnetism: weakly magnetic Veining: 1-10% of irregular ff CAL - Veins are associated TALC-CHL altn - Veins are sheeted, parallel to a weak 60 deg foliation Structure: Some intervals with weak 60 deg foliation shown by CAL veins alignement, zones with fault gouge Alteration: Patchy (perv and ff) weak to moderated TALC-CHL altn througout. TALC-CHL altn mainly associated with the CAL veins. Small interval with weak disseminated fg LX, intervals with MOD perv BTI altn. Mineralization: Background 1% of fg to mg disseminated PY associated or not with CAL veins, from 120.3 and 120.7 AND from 126 to 126.3 Py ff is also visible

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND152507	111.3	112.0	0.7	0.003				
CAOND152508	112.0	113.5	1.5	0.003				

Lower Contact: Sharp at 85 degree with I30

MINOR INTERVAL

123.80 - 123.95: I3OComposition: massive, fine-grained BIT, dark grey Magnetism: no magnetic Veining: No veins Structure: No structure Alteration: MOD perv BIT altn Mineralization: Background 0.5% fine Py, disseminated grains Contacts: Sharp with 70-85 deg angle

MINOR INTERVAL

124.77 - 124.84: I3OComposition: massive, fine-grained BIT, dark grey Magnetism: no magnetic Veining: No veins Structure: No structure Alteration: MOD perv BIT altn Mineralization: Background 0.1% fine Py, disseminated grains Contacts: Sharp with 70-80 deg angle

ALTERATION

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

111.30, 111.45, BTI+, PEN, MOD, RED_00001, FGR, -, Small dark interval of U with moderated BIT altn. A the contact with Mam.

111.45, 120.70, CHL+, PAT, MOD, GRN2_BASIC, APH, -, Interval with MOD patchy CHL altn. Dark green-black color. Can be found as pervasive and ff associated or not with the CAL veins. Mainly associated with the CAL veins. Difficult to differentiate CHL and TALC altn here.

111.45, 120.70, TLC+, PAT, MOD, GRN2_BASIC, APH, -, Interval with MOD patchy TALC altn. Soapy texture, green-black color. Can be found as pervasive and ff associated or not with the CAL veins. Mainly associated with the CAL veins. Difficult to differentiate CHL and TALC altn here.

120.70, 126.90, CHL+, PAT, WEAK, GRN2_BASIC, APH, -, Interval with weak patchy CHL altn. Dark green-black color. Can be found as pervasive and ff associated or not with the CAL veins. Mainly associated with the CAL veins. Difficult to differentiate CHL and TALC altn here.

120.70, 126.90, TLC+, PAT, WEAK, GRN2_BASIC, APH, -, Interval with weak patchy TALC altn. Soapy texture, green-black color. Can be found as pervasive and ff associated or not with the CAL veins. Mainly associated with the CAL veins. Difficult to differentiate CHL and TALC altn here.

121.05, 122.20, BTI+, PEN, MOD, RED_00001, FGR, -, Interval with perv fg BIT altn, variable in intensity, gives black color to the rock

122.20, 123.15, LCX+, DIS, WEAK, GRY_00025, FGR, -, Disseminated fg Lx throughout

123.15, 125.45, BTI+, PEN, MOD, RED_00001, FGR, -, Interval with perv fg BIT altn, variable in intensity, gives black color to the rock, In both U and I3O

STRUCTURE

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

111.30, 111.31, LWC, -, 45.00, -, -, -, Mam Lower contact

113.00, 121.30, FOL, WEAK, 60.00, -, -, -, Weak foliation showed by the alignment of CAL veins and veinelets and fractures

119.82, 119.85, FGO, MOD, 80.00, -, -, -, Fault with gouge - increase of TALC content

123.80, 123.81, UPC, -, 70.00, -, -, -, IO3 Upper contact

123.95, 123.96, LWC, -, 85.00, -, -, -, IO3 Lower contact

124.77, 124.78, UPC, -, 80.00, -, -, -, IO3 Upper contact

124.84, 124.85, LWC, -, 70.00, -, -, -, IO3 Lower contact

Hole number: KLAN20-098

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COM
NTS
111.70, 120.70, CAL, 10.00, 60.00, -, -, -, GRY_00025, -, SHT, PYR, .50, Interval with mms CAL veins that run parrallel to the foliation. Associated with TALC-CHL altn. Traces of fg to mg disseminated Py.
120.70, 126.90, CAL, 1.00, 60.00, -, -, -, GRY_00025, -, FRF, PYR, .50, Few mms CAL veinelets here. Traces of fg to mg disseminated PY.
123.57, 123.59, QTZ, 30.00, -, -, -, -, GRY_00025, -, BBY, -, -, Blebby white QTZ vein with no sulphides

Major: **From:** 126.90 **To:** 131.00 I3O, Lamprophyre mafique

Composition: massive, fine-grained BIT, dark grey Magnetism: no magnetic Veining: 1 % CAL mms veinelets with associated weak TALC-CHL altn Structure: No structure Alteration: MOD perv BIT altn, Weak TALC-CHL associated with CAL veinelets Mineralization: Background 1% mg Py, disseminated grains Lower contact: Sharp contact with U, with 85 deg angle

MINOR INTERVAL
129.90 - 130.06: UTypical U rock (See previous descriptions) with weak 60 deg foliation shown by CAL veins alignment, sharp contacts at 60 deg too

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
126.90, 131.00, CHL+, PAT, WEAK, GRN2_BASIC, APH, -, Interval with weak patchy CHL altn. Dark green-black color. Can be found as pervasive and ff associated or not with the CAL veins. Mainly associated with the CAL veins. Difficult to differentiate CHL and TALC altn here.
126.90, 131.00, TLC+, PAT, WEAK, GRN2_BASIC, APH, -, Interval with weak patchy TALC altn. Soapy texture, green-black color. Can be found as pervasive and ff associated or not with the CAL veins. Mainly associated with the CAL veins. Difficult to differentiate CHL and TALC altn here.
126.90, 131.00, BTI+, PEN, MOD, RED_00001, FGR, -, MOD fg perv BIT altn inside IO3

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
126.90, 126.91, UPC, -, 85.00, -, -, -, IO3 Upper contact
129.90, 129.91, UPC, -, 60.00, -, -, -, Small U interval within IO3 Upper contact
129.90, 130.06, FOL, WEAK, 60.00, -, -, -, Weak foliation shown by CAL veinelets alignment
130.06, 130.07, LWC, -, 60.00, -, -, -, Small U interval within IO3 Lower contact

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COM
NTS
126.90, 131.00, CAL, 1.00, 60.00, -, -, -, GRY_00025, -, FRF, PYR, .50, Few mms CAL veinelets here. Traces of fg to mg disseminated PY.

Hole number: KLAN20-098

Major: **From:** 131.00 **To:** 134.80 U, Ultramafic Volcanics

Composition: massive, fine-grained, dark blue-grey, deformed Magnetism: weakly magnetic Veining: 10% of irregular ff CAL veins - Veins are associated TALC-CHL altn Structure: Weak 70 deg foliation from top to bottom shown by the alignment of CAL veins Alteration: Patchy (perv and ff) moderated TALC-CHL altn througout. TALC-CHL altn mainly associated with the CAL veins. Mineralization: Background 1% mg disseminated PY associated or not with CAL veins Lower Contact: Sharp at 60 degree with I2Dm

MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

134.00, 134.70, PYR, DIS, 3.00, GRY2_BASIC, FGR, Interval with higer content of fg to mg disseminated Py within U interval

ALTERATION

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

131.00, 134.80, CHL+, PAT, MOD, GRN2_BASIC, APH, -, MOD CHL altn troughout mainly associated with CAL veins. As perv and ff associated with TALC atln. Hard to diff TALC from CHl here.
131.00, 134.80, TLC+, PAT, MOD, GRN2_BASIC, APH, -, MOD TALC altn troughout mainly associated with CAL veins. As perv and ff associated with TALC atln. Hard to diff TALC from CHl here.

STRUCTURE

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

131.00, 131.01, LWC, -, 85.00, -, -, -, IO3 Lower contact with U
131.00, 134.80, FOL, WEAK, 70.00, -, -, -, Weak 70 foliation from top to botton shown by CAL veins alignment

VEIN

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

131.00, 134.80, CAL, 10.00, 70.00, -, -, -, GRY_00025, -, SHT, PYR, .50, Interval with mms CAL irreg ff veins that run parallel to weak 70 deg foln

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND152509	132.8	134.3	1.5	0.003				
CAOND152510	134.3	134.8	0.5	0.003				

Major: **From:** 134.80 **To:** 137.60 I2Dm, Mafic Syenite

Composition: massive, fine-grained with mm elongated amphiboles, dark grey Magnetism: weakly magnetic Veining: No veining Structure: No structures Alteration: Weak patchy BIT altn as ff or BIT clusters. Mineralization: 2% fg disseminates Py from top to bottom Lower Contact: Sharp at 50 degree with U

MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

134.80, 137.60, PYR, DIS, 2.00, GRY2_BASIC, FGR, From top to botton disseminated fg Py

ALTERATION

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

134.80, 137.60, BTI+, PAT, WEAK, RED_00001, FGR, -, Weak ff and BIT clusters inside I2Dm

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND152511	134.8	136.3	1.5	0.003				
CAOND152512	136.3	137.6	1.3	0.003				

Hole number: KLAN20-098

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
134.80, 134.81, UPC, -, 60.00, -, -, -, I2Dm Upper contact with U

Major: **From:** 137.60 **To:** 139.40 U, Ultramafic Volcanics

Composition: massive, fine-grained, dark blue-grey, deformed Magnetism: weakly magnetic Veining: 5% of irregular ff CAL veins - Veins are associated TALC-CHL altn Structure: Weak 70 deg foliation shown by the alignment of CAL veins Alteration: Patchy (perv and ff) moderated TALC-CHL altn througout. TALC-CHL altn mainly associated with the CAL veins. Mineralization: Background 1% mg disseminated PY associated or not with CAL veins Lower Contact: Sharp at 60 degree with I2Dm

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND152513	137.6	138.3	0.7	0.003				
CAOND152514	138.3	139.4	1.1	0.003				

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
137.60, 139.40, CHL+, PAT, MOD, GRN2_BASIC, APH, -, MOD CHL altn troughout mainly associated with CAL veins. As perv and ff associated with TALC atln. Hard to diff TALC from CHl here.
137.60, 139.40, TLC+, PAT, MOD, GRN2_BASIC, APH, -, MOD TALC altn troughout mainly associated with CAL veins. As perv and ff associated with TALC atln. Hard to diff TALC from CHl here.

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
137.60, 137.61, LWC, -, 50.00, -, -, -, I2Dm lower contact with U
138.50, 139.40, FOL, WEAK, 70.00, -, -, -, Weak foliation shown by CAL veins alignment

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
138.00, 139.40, CAL, 5.00, 70.00, -, -, -, GRY_00025, -, SHT, PYR, .50, Interval with mms CAL irreg ff veins that run parallel to weak 70 deg foln

Major: **From:** 139.40 **To:** 141.00 I2Dm, Mafic Syenite

Composition: massive, fine-grained glassy rock, reddish-grey color Magnetism: magnetic traces Veining: No veining Structure: No structures Alteration: Weak perv K-feldspar altn that gives the redish color and glassy texture Mineralization: 5% mg PY clusters and mm ff. Lower Contact: Sharp at 60 degree with U, broken contact with rubbles

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND152516	139.4	140.3	0.9	0.005				
CAOND152517	140.3	141.0	0.7	0.003				

MINERALIZATION
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
139.40, 141.00, PYR, DIS, 5.00, GRY2_BASIC, MGR, 5 % mg disseminated Py clusters and mm Py ff. Mainly disseminated clusters

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
139.40, 141.00, KFS+, PEN, WEAK, RED2_BASIC, APH, -, Weak pervasive KFS altn from top to bottom that gives the redish color and the glassy texture to the I2Dm

Hole number: KLAN20-098

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
139.40, 139.41, UPC, -, 60.00, -, -, -, I2Dm Upper contact with U

Major: **From:** 141.00 **To:** 141.90 U, Ultramafic Volcanics

Composition: massive, fine-grained, dark grey, deformed Magnetism: weakly magnetic Veining: 1% of irregular ff CAL veins - Veins are associated with weak TALC-CHL altn Structure: Some intervals with weak folliation, zones broken rubbles Alteration: Patchy (perv and ff) weak TALC-CHL altn througout. TALC-CHL altn mainly associated with the CAL veins. From top to bottom intervals with patchy MOD BTI altn. Mineralization: Background traces (0.5%) of fg disseminated PY associated or not with CAL veins Lower Contact: Sharp at 60 degree with V7

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
141.00, 141.90, BTI+, PAT, MOD, RED_00001, APH, -, MOD patchy perv altn
141.00, 141.90, CHL+, PAT, WEAK, GRN2_BASIC, APH, -, WK CHL altn troughout mainly associated with CAL veins. As perv and ff associated with TALC atln. Hard to diff TALC from CHl here.
141.00, 141.90, TLC+, PAT, WEAK, GRN2_BASIC, APH, -, MOD TALC altn troughout mainly associated with CAL veins. As perv and ff associated with TALC atln. Hard to diff TALC from CHl here.

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
141.00, 141.01, LWC, -, 60.00, -, -, -, I2Dm Lower sharp contact with U - the contact is broken with U rubbles
141.00, 141.20, BRR, WEAK, -, -, -, -, Broken rubbles at the contact between I2Dm and U

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
141.00, 141.90, CAL, 1.00, 70.00, -, -, -, GRY_00025, -, SHT, PYR, .50, Very few sheeted parallel to foliation mms CAL-(KFS) veinelets. Traces of fg disseminated Py

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND152518	141.0	141.9	0.9	0.003				

Major: **From:** 141.90 **To:** 241.15 V7, BASALTE

Composition: massive, very fine-grained, light green-grey basalt Magnetism: Magnetic traces Veining: 15-20 % of irregular to massive ff CAL veins that are parallel to a weak 70 deg foliation, also few CB-QTZ cms veins Structure: Weak 70 deg foliation from top to bottom Alteration: From top to bottom weak CAL altn Mineralization: 1% fg to mg disseminated Py background associated or not to the CAL veins Lower Contact: ????

MINOR INTERVAL
147.03 - 147.55: UComposition: massive, fine-grained, dark blue-grey, deformed Magnetism: weakly magnetic Veining: 20% of irregular ff CAL veins - Veins are associated with weak TALC-CHL altn Structure: Moderated 70 deg folliation Alteration: Patchy (perv and ff) weak TALC-CHL altn througout. Mineralization: 4% of fg to mg disseminated PY associated or not with CAL veins Contacts : Sharp ,

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND152519	141.9	143.3	1.4	0.003				
CAOND152521	143.3	144.8	1.5	0.003				
CAOND152522	144.8	146.0	1.2	0.003				
CAOND152523	146.0	147.0	1.0	0.003				
CAOND152524	147.0	147.5	0.5	0.003				
CAOND152526	147.5	149.0	1.5	0.003				
CAOND152527	149.0	150.5	1.5	0.003				

Hole number: KLAN20-098

Upper contact at 70 and lower contact at 87b deg at 60 degree with V7

MINOR INTERVAL

147.55 - 148.25: I3OComposition: massive, fine-grained BIT, dark grey Magnetism: no magnetic Veining: No veins Structure: No structure Alteration: MOD perv BIT altn Mineralization: Background 0.1% fine Py, disseminated grains Contacts: Sharp with 80-85 deg angle

MINOR INTERVAL

148.25 - 149.04: UComposition: massive, fine-grained, dark blue-grey, deformed Magnetism: weakly magnetic Veining: 15% of irregular ff CAL veins - Veins are associated with weak TALC-CHL altn Structure: Weak 70 deg foliation Alteration: Patchy (perv and ff) weak TALC-CHL altn througout. Mineralization: 1% mg disseminated PY associated or not with CAL veins Contacts : Sharp, both contacts at 80 deg

MINOR INTERVAL

174.90 - 176.20: MamDark green to black, amph/biotite rich with minor feld/carb. 2-3% pyrite throughout, usually fine and disseminated, occassionally coarse and cubic. Unit is non magnetic and has minor carb-qtz veining throughout.

MINOR INTERVAL

182.50 - 182.70: I2

MINOR INTERVAL

224.70 - 225.20: I2Pinkish grey, fg to mg, with rare qtz-eyes. Wk patchy magnetism with no mineralization or veining.

MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

141.90, 145.73, PYR, DIS, 2.00, GRY2_BASIC, MGR, Interal with 2% dissem mg Py
145.73, 145.79, PYR, DIS, 5.00, GRY2_BASIC, MGR, Mg clusters of Py
145.79, 147.03, PYR, DIS, 2.00, GRY2_BASIC, MGR, fg to mg disseminated Py
147.03, 147.55, PYR, DIS, 4.00, GRY2_BASIC, FGR, fg to mg disseminated Py
148.25, 149.80, PYR, DIS, 2.00, GRY2_BASIC, MGR, fg to mg disseminated Py
157.65, 158.35, PYR, DIS, 2.00, GRY2_BASIC, FGR, fg disseminated Py
164.30, 174.90, PYR, DIS, 3.00, BRW2_BASIC, FGR, Fine disseminated PY throughout.
174.90, 176.20, PYR, MSS, 5.00, BRW2_BASIC, MGR, Pyrite throughout the intrusion ranging from fine disseminations to coarse and cubic. Overal ~5% PY with 2% representing the coarse cubic variety.
176.20, 207.30, PYR, DIS, 3.00, BRW2_BASIC, FGR, Fine disseminated py throughout.
205.40, 205.52, PYR, MSS, 5.00, BRW2_BASIC, CGR, Coarse subhedral py
205.40, 205.75, POT, DIS, 3.00, BRW2_BASIC, APH, Aphanitic to fg disseminated PO.
205.52, 205.76, PYR, STG, 15.00, BRW2_BASIC, FGR, Stringers of fine to medium grained py, anhedral to subhedral.
237.20, 241.15, POT, DIS, 3.00, BRW2_BASIC, APH, disseminated and clustered

ALTERATION

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

141.90, 147.03, CAL+, PEN, WEAK, GRY_00025, APH, -, Weak perv CAL altn from top to bottom

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND152528	202.9	204.3	1.4	0.003				
CAOND152529	204.3	205.3	1.0	0.003				
CAOND152531	205.3	205.8	0.5	0.008				
CAOND152532	205.8	206.8	1.0	0.003				
CAOND152533	206.8	208.2	1.4	0.003				
CAOND152534	229.5	231.0	1.5	0.003				
CAOND152535	231.0	232.5	1.5	0.003				
CAOND152536	232.5	234.0	1.5	0.003				
CAOND152537	234.0	235.5	1.5	0.003				
CAOND152538	235.5	237.0	1.5	0.003				
CAOND152539	237.0	238.5	1.5	0.003				
CAOND152540	238.5	240.0	1.5	0.003				
CAOND152541	240.0	241.2	1.2	0.003				

Hole number: KLAN20-098

147.03, 147.55, CHL+, PAT, WEAK, GRN2_BASIC, APH, -, Weak CHL altn troughout mainly associated with CAL veins. As perv and ff associated with TALC atln. Hard to diff TALC from CHl here.
147.03, 147.55, TLC+, PAT, WEAK, GRN2_BASIC, APH, -, Weak TALC altn troughout mainly associated with CAL veins. As perv and ff associated with TALC atln. Hard to diff TALC from CHl here.
147.55, 148.25, BTI+, PEN, MOD, RED_00001, FGR, -, MOD perv fg BIT altn inside I30
148.25, 149.04, CHL+, PAT, WEAK, GRN2_BASIC, APH, -, Weak CHL altn troughout mainly associated with CAL veins. As perv and ff associated with TALC atln. Hard to diff TALC from CHl here.
148.25, 149.04, TLC+, PAT, WEAK, GRN2_BASIC, APH, -, Weak TALC altn troughout mainly associated with CAL veins. As perv and ff associated with TALC atln. Hard to diff TALC from CHl here.
149.04, 241.10, CAL+, PEN, WEAK, GRY_00025, APH, -, Weak perv CAL altn from top to bottom
176.20, 205.70, CHL+, PEN, MOD, RED_00001, APH, -, Pervasive CHL alt'n, mod to strong giving a dark green to black appearance.

STRUCTURE

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
141.90, 141.91, UPC, -, 60.00, -, -, -, V7 Upper contact - sharp
141.90, 147.03, FOL, WEAK, 70.00, -, -, -, Weak foliation shown by CAL veins alignments
147.03, 147.04, UPC, -, 70.00, -, -, -, U sharp Upper contact
147.03, 147.55, FOL, MOD, 70.00, -, -, -, MOD foliation shown by the alignmenr of CAL veins
147.55, 147.56, LWC, -, 85.00, -, -, -, U sharp lower contact
148.25, 148.26, UPC, -, 80.00, -, -, -, U sharp Upper contact
148.25, 148.40, FLD, MOD, 70.00, -, -, -, Folded zone
148.25, 164.30, FOL, WEAK, 70.00, -, -, -, Shown by the alignment of CAL veins
149.04, 149.05, LWC, -, 80.00, -, -, -, U sharp Lower contact

VEIN

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
141.90, 147.55, CAL, 20.00, 70.00, -, -, -, GRY_00025, -, SHT, PYR, 1.00, High density CAL mms to cm veins that are running parallel to the foliation
148.25, 164.30, CAL, 15.00, 70.00, -, -, -, GRY_00025, -, SHT, PYR, .50, mms to cms irreg ff CAL veins that are running parallel to a weak 70 deg foliation
151.29, 151.51, QTZ_2, 30.00, 60.00, -, -, -, GRY_00025, -, IRR, -, -, Irregular CAL-QTZ cms vein with sharp contacts and no sulphides
153.50, 153.55, QTZ_2, 100.00, 30.00, -, -, -, GRY_00025, -, MAS, PYR, .50, Massive a sharp CAL-QTZ-PY vein with mg disseminated PY
165.00, 207.00, CAL, 10.00, -, -, -, -, GRY_00025, -, IRM, -, -, Irregular strngers and veins of CC thoughout
188.65, 189.00, QtzCbt, 10.00, 5.00, -, -, -, GRY_00025, -, MAS, PYR, .50, Massive CB-dominated CB-QZ-PY vein with tr cg cubic PY.
205.40, 205.52, QtzCbtChl, 35.00, 75.00, -, -, -, GRY2_BASIC, -, STG, PYR, 5.00, QZ-dominated QZ-CB-CL-PY-PO veining with fine disseminated PO and coarse subhedral PY.

Hole number: KLAN20-098

205.52, 205.76, PYR, 30.00, 65.00, -, -, -, BRW2_BASIC, -, STG, PYR, 30.00, Stringers of fg to mg anhedral to subhedral py, millimetric to centimetric.
209.50, 209.64, QtzCbt, 10.00, 25.00, -, -, -, GRY_00025, -, STG, POT, .50, QZ-dominated QZ-CB-PO stringer with tr specks of PO.
212.00, 212.20, QtzCbt, 35.00, 40.00, -, -, -, GRY2_BASIC, -, VNT, POT, 1.00, Stringers and veinlets of smokey QZ, and specks of fine PO. CB-dominated.
215.88, 216.20, QtzCbt, 45.00, -, -, -, -, GRY2_BASIC, -, IRR, -, -, Irregular CB-dominated QZ-CB veining.
220.40, 220.70, QtzCbtChl, 30.00, 60.00, -, -, -, GRY2_BASIC, -, MAS, -, -, Smokey grey, QZ-dominated QZ-CB-CL veins
226.75, 227.20, QtzCbtChl, 20.00, 40.00, -, -, -, GRY2_BASIC, -, VNT, -, -, Series of QZ-dominated QZ-CB-CL stringers and veinlets.
230.35, 235.60, QtzCbt, 5.00, -, -, -, -, GRY2_BASIC, -, MAS, -, -, -

Major: **From:** 241.15 **To:** 246.60 I2Dm, Mafic Syenite

Composition: massive, fine- to medium-grained, gray Magnetism: none to wk Veining: 5% qtz-cb-po veinlets Structure: none Alteration: none Mineralization: 3% fine diss po Lower Contact: sharp 45dtca

MINOR INTERVAL

246.05 - 246.60: S10Mix of chert and S4GP

MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
241.15, 246.30, POT, DIS, 3.00, BRW2_BASIC, APH, disseminated and clustered
246.30, 246.60, POT, MAS, 15.00, BRW2_BASIC, APH, massive patchy and veined

STRUCTURE

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
246.05, 246.06, UPC, -, 45.00, -, -, -, -

VEIN

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
241.70, 245.75, QtzCbt, 5.00, -, -, -, -, GRY2_BASIC, -, MAS, POT, 5.00, fg pyrrhotite clusters. qtz>cb.
246.49, 246.50, CPY, 70.00, 75.00, -, -, -, YLW2_BASIC, -, MAS, -, -, -

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND152542	241.2	242.0	0.9	0.003				
CAOND152543	242.0	243.5	1.5	0.003				
CAOND152544	243.5	245.0	1.5	0.003				
CAOND152546	245.0	246.1	1.1	0.003				
CAOND152547	246.1	246.6	0.6	0.003				

Major: **From:** 246.60 **To:** 252.50 V7, BASALTE

Small V7 unit, massive, fg-mg, green-gray, 10% cb-qtz veining

MINOR INTERVAL

251.25 - 251.80: I3

MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
246.60, 247.20, POT, DIS, 4.00, BRW2_BASIC, APH, -

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND152548	246.6	247.5	0.9	0.007				
CAOND152549	247.5	249.0	1.5	0.006				
CAOND152551	249.0	250.0	1.0	0.003				
CAOND152552	250.0	251.3	1.3	0.003				
CAOND152553	251.3	251.8	0.6	0.003				

Hole number: KLAN20-098

252.35, 252.50, POT, STG, 7.00, BRW2_BASIC, APH, occurs mainly as stringers with similar orientation within s4gp

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
251.25, 251.26, UPC, -, 40.00, -, -, -, -
251.80, 251.81, LWC, -, -, -, -, -, -

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
248.75, 250.50, QtzCbt, -, -, -, -, -, -, -, -, -, -, cb>qtz.

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND152554	251.8	252.5	0.7	0.003				

Major: **From:** 252.50 **To:** 255.50 S4GP, Argillite noire graphiteuse cisaillée et faillée intercalée

Small S4GP unit, black, well-defined bedding in some areas, 7% po stringers follows bedding

MINERALIZATION
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
252.50, 255.50, POT, STG, 7.00, BRW2_BASIC, APH, occurs mainly as stringers with similar orientation within s4gp

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
252.50, 252.51, UPC, -, 55.00, -, -, -, -
252.50, 253.30, BED, MOD, 50.00, -, -, -, -

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND152555	252.5	254.0	1.5	0.047				
CAOND152556	254.0	255.5	1.5	0.055				

Major: **From:** 255.50 **To:** 309.05 V7, BASALTE

Composition: massive up to 284.55, thereafter appears deformed (foliated and folded), gray-green, fine- to medium-grained, last few metres more massive again. Glauconite (or Fuchsite?) at 255.5-255.8. Magnetism: none Veining: zones with qtz-cb veinlets (cb-rich, qtz-rich and only qtz) Structure: foliated and folded deformed area Alteration: wk-mod wispy chl in deformed area, zone with ff and spotted mod ep alt as well Mineralization: deformed area contains variable py content (0.5-5%, fg and mg, diss) Lower Contact: gradational/unclear

MINERALIZATION
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
255.50, 255.75, POT, STG, 7.00, BRW2_BASIC, APH, occurs mainly as stringers with similar orientation within s4gp
255.50, 255.75, PYR, DIS, 5.00, -, FGR, -
283.50, 284.20, PYR, DIS, 5.00, -, FGR, fine and medium grained
284.20, 298.70, PYR, DIS, 2.00, -, FGR, zones with variable py content (0.5-5%), fine- and medium-grained
298.50, 307.00, PYR, DIS, 3.00, -, FGR, fg to mg pyrite, zones with up to 5%, more barren zones in between (0.5%).
307.00, 307.05, PYR, DIS, 30.00, -, MGR, mg py with preferred orientation

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND152557	255.5	257.0	1.5	0.003				
CAOND152558	257.0	258.5	1.5	0.003				
CAOND152559	258.5	260.0	1.5	0.003				
CAOND152561	260.0	261.5	1.5	0.003				
CAOND152562	261.5	263.0	1.5	0.003				
CAOND152563	263.0	264.5	1.5	0.005				
CAOND152564	264.5	266.0	1.5	0.003				
CAOND152565	266.0	267.5	1.5	0.003				
CAOND152566	267.5	269.0	1.5	0.003				
CAOND152567	269.0	270.5	1.5	0.003				
CAOND152568	270.5	272.0	1.5	0.003				
CAOND152569	272.0	273.5	1.5	0.003				
CAOND152571	273.5	275.0	1.5	0.003				

Hole number: KLAN20-098

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
256.10, 266.60, EPD+, FRF, MOD, GRN2_BASIC, -, -, ff and spotted ep alt
284.00, 284.20, KFS+, PAT, MOD, PNK2_BASIC, -, -, associated with qtz veins and diss py
284.70, 287.60, CHL+, WIS, MOD, GRN2_BASIC, -, -, -
287.60, 297.10, CHL+, WIS, WEAK, GRN2_BASIC, -, -, -
300.55, 301.80, CHL+, WIS, MOD, GRN2_BASIC, -, -, -
307.80, 309.05, CAL+, PEN, MOD, GRY_00025, -, -, -

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
255.50, 255.51, LWC, -, 75.00, -, -, -, -
284.55, 301.70, DFZ, MOD, -, -, -, -, wk-mod deformed v7, foliations and folds
308.45, 309.05, DFZ, MOD, -, -, -, -, wk-mod deformed v7, foliated and folded

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
256.15, 266.40, QtzCbt, 10.00, -, -, -, -, GRY_00025, -, MAS, -, -, cb>qtz
257.90, 260.85, QtzCbt, 5.00, -, -, -, -, GRY2_BASIC, -, MAS, -, -, qtz>cb
266.00, 266.40, QtzCbt, 40.00, -, -, -, -, GRY2_BASIC, -, MAS, -, -, qtz>cb
271.65, 272.35, QtzCbt, 15.00, -, -, -, -, GRY2_BASIC, -, MAS, -, -, qtz>cb
275.05, 275.15, QTZ, 100.00, 75.00, -, -, -, GRY_00025, -, MAS, -, -, -
281.65, 281.80, QTZ, 100.00, 50.00, -, -, -, GRY_00025, -, MAS, -, -, -
283.25, 283.50, QTZ, 90.00, -, -, -, -, GRY_00025, -, MAS, -, -, -
283.80, 284.00, QTZ, 60.00, -, -, -, -, GRY_00025, -, MAS, -, -, -
284.20, 284.70, QTZ, 100.00, 35.00, -, -, -, GRY_00025, -, MAS, -, -, -
284.55, 298.50, CAL, 25.00, -, -, -, -, GRY2_BASIC, -, WIS, -, -, -
284.65, 287.50, QtzCbt, 15.00, -, -, -, -, GRY2_BASIC, -, MAS, -, -, qtz>cb
286.50, 286.65, QTZ, 90.00, 45.00, -, -, -, GRY_00025, -, MAS, -, -, -
298.95, 299.15, QtzCbtChl, 90.00, -, -, -, -, GRY2_BASIC, -, MAS, -, -, qtz>cb
299.60, 303.95, QtzCbtChl, 15.00, -, -, -, -, GRY2_BASIC, -, MAS, -, -, qtz>cb
306.05, 306.30, QtzCbtChl, 30.00, -, -, -, -, GRY2_BASIC, -, MAS, -, -, qtz>cb

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND152572	275.0	276.5	1.5	0.003				
CAOND152573	276.5	278.0	1.5	0.003				
CAOND152574	278.0	279.5	1.5	0.003				
CAOND152576	279.5	281.0	1.5	0.003				
CAOND152577	281.0	282.0	1.0	0.003				
CAOND152578	282.0	283.0	1.0	0.003				
CAOND152579	283.0	284.2	1.2	0.003				
CAOND152581	284.2	284.9	0.7	0.003				
CAOND152582	284.9	286.2	1.3	0.003				
CAOND152583	286.2	287.0	0.8	0.003				
CAOND152584	287.0	288.0	1.0	0.003				
CAOND152585	288.0	289.5	1.5	0.003				
CAOND152586	289.5	291.0	1.5	0.003				
CAOND152587	291.0	292.5	1.5	0.003				
CAOND152588	292.5	294.0	1.5	0.003				
CAOND152589	294.0	295.5	1.5	0.003				
CAOND152591	295.5	297.0	1.5	0.003				
CAOND152592	297.0	298.5	1.5	0.003				
CAOND152593	298.5	299.5	1.0	0.003				
CAOND152594	299.5	300.5	1.0	0.003				
CAOND152595	300.5	301.5	1.0	0.003				
CAOND152596	301.5	302.5	1.0	0.003				
CAOND152597	302.5	303.5	1.0	0.003				
CAOND152598	303.5	304.5	1.0	0.006				
CAOND152599	304.5	305.5	1.0	0.003				
CAOND152601	305.5	306.5	1.0	0.003				
CAOND152602	306.5	307.5	1.0	0.003				
CAOND152603	307.5	308.5	1.0	0.003				
CAOND152604	308.5	309.1	0.6	0.003				

Major: **From:** 309.05 **To:** 310.80 U, Ultramafic Volcanics

Small U unit, loc mod deformation, dark-green, wispy mod chl, sheared lower contact.

MINERALIZATION
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
309.05, 310.80, PYR, DIS, 1.00, -, FGR, fg to mg py

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND152605	309.1	310.0	1.0	0.003				
CAOND152606	310.0	310.8	0.8	0.003				

Hole number: KLAN20-098

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
309.05, 310.80, CHL+, WIS, MOD, GRN2_BASIC, -, -, -

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
309.05, 309.35, DFZ, MOD, -, -, -, -, wk-mod deformed v7, foliated and folded

Major: **From:** 310.80 **To:** 316.35 I3A, Gabbro

Composition: equigranular, purplish-grey to dark-grey, mg Magnetism: none to mod Veining: occ qtz-cb veilets Structure: none Alteration: none to mod wispy chl Mineralization: up to 2% fine diss py, 1% py ff Lower Contact: sharp, wavy

MINERALIZATION
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
310.80, 314.05, PYR, DIS, 1.00, -, FGR, fg to mg py
314.05, 315.75, PYR, STG, 5.00, -, FGR, crackly mm-scale py stringers
315.75, 316.35, PYR, DIS, 1.00, -, MGR, fg and mg diss py

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
310.80, 313.90, CHL+, WIS, MOD, GRN2_BASIC, -, -, -
314.25, 315.75, CAL+, BRC, MOD, GRY_00025, -, -, cal ff/bx alt

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
315.00, 315.60, QtzCbtChl, 5.00, 45.00, -, -, -, GRY2_BASIC, -, FRF, PYR, 5.00, qtz>cb. with reddish (k-fsp?) alteration

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND152607	310.8	312.0	1.2	0.003				
CAOND152608	312.0	313.0	1.0	0.003				
CAOND152609	313.0	313.9	0.9	0.003				
CAOND152610	313.9	315.0	1.1	0.003				
CAOND152611	315.0	315.8	0.8	0.003				
CAOND152612	315.8	316.4	0.6	0.003				

Major: **From:** 316.35 **To:** 321.10 U, Ultramafic Volcanics

Composition: soft, fg, mod-str deformed/foliated Magnetism: none Veining: talc-cal 30% Structure: foliated mod 20 dtca Alteration: mod wispy chl, 30% talc-cal veining Mineralization: 1% mg and fg diss py Lower Contact: sharp 40 dtca

MINERALIZATION
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
316.35, 321.10, PYR, DIS, 1.00, -, MGR, fg and mg diss py

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
316.35, 321.10, CHL+, WIS, MOD, GRN2_BASIC, -, -, -
318.45, 321.10, CAL+, VEN, MOD, GRY_00025, -, -, in talc-cal veins
318.45, 321.10, TLC+, VEN, MOD, GRN2_BASIC, -, -, in talc-cal veins

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND152613	316.4	317.8	1.4	0.003				
CAOND152614	317.8	319.3	1.5	0.003				
CAOND152616	319.3	320.0	0.7	0.003				
CAOND152617	320.0	321.1	1.1	0.003				

Hole number: KLAN20-098

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
317.30, 321.10, FOL, MOD, 20.00, -, -, -, wavy low-angle foliated

Major: **From:** 321.10 **To:** 326.95 I2Dm, Mafic Syenite

Composition: massive, dark mm-scale amph needles, sub-rounded light-grey qtz grains, fg gray matrix
Magnetism: wk Veining: none Structure: none Alteration: none Mineralization: 3% fg diss py Lower Contact: 60 dtca sharp

MINERALIZATION
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
321.10, 326.95, PYR, DIS, 4.00, -, FGR, fg diss py

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
321.10, 321.11, UPC, -, 40.00, -, -, -, -

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND152618	321.1	322.0	0.9	0.003				
CAOND152619	322.0	323.0	1.0	0.003				
CAOND152621	323.0	324.0	1.0	0.024				
CAOND152622	324.0	325.0	1.0	0.005				
CAOND152623	325.0	326.0	1.0	0.003				
CAOND152624	326.0	327.0	1.0	0.003				

Major: **From:** 326.95 **To:** 331.50 U, Ultramafic Volcanics

Composition: soft, fg, grey, mod foliated/deformed Magnetism: none Veining: 30% talc-cal Structure: mod foliated 75 dtca Alteration: loc str per chl, 30% talc-chl Mineralization: 1% fg and mg diss py Lower Contact: sharp 55 dtca

MINERALIZATION
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
326.95, 331.50, PYR, DIS, 1.00, -, MGR, fg and mg diss py

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
326.95, 330.45, CAL+, VEN, MOD, GRY_00025, -, -, -
326.95, 330.45, TLC+, VEN, MOD, GRN2_BASIC, -, -, in talc-cal veins
330.45, 331.50, CHL+, PAT, STRONG, GRN2_BASIC, -, -, dk-green, patchy-per chl

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
326.95, 326.96, LWC, -, 60.00, -, -, -, -
326.95, 330.45, FOL, MOD, 75.00, -, -, -, -

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND152626	327.0	328.4	1.5	0.010				
CAOND152627	328.4	329.9	1.5	0.003				
CAOND152628	329.9	331.0	1.1	0.003				
CAOND152629	331.0	331.5	0.5	0.003				

Major: **From:** 331.50 **To:** 334.40 I2Dm, Mafic Syenite

Composition: massive, dark mm-scale amph needles, sub-rounded light-grey qtz grains, fg gray matrix
Magnetism: wk Veining: none Structure: none Alteration: none Mineralization: 3% fg diss py Lower Contact: sharp, wavy

MINERALIZATION
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND152631	331.5	332.5	1.0	0.003				
CAOND152632	332.5	333.5	1.0	0.003				
CAOND152633	333.5	334.4	0.9	0.003				

Hole number: KLAN20-098

331.50, 334.40, PYR, DIS, 3.00, -, FGR, -

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
331.50, 331.51, UPC, -, 55.00, -, -, -, -

Major: **From:** 334.40 **To:** 344.80 I3A, Gabbro

Composition: equigranular, mg, dark-grey Magnetism: none Veining: 2% qtz-cb veinlets Structure: none Alteration: none Mineralization: 5% fg diss py Lower Contact: unclear

MINERALIZATION
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
334.40, 344.80, PYR, DIS, 4.00, -, FGR, -

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
337.35, 343.95, QtzCbt, 3.00, 50.00, -, -, -, GRY2_BASIC, -, MAS, PYR, 1.00, variable py, 0.5-5%. reddish hue (k-fsp?). qtz>cb
344.35, 344.80, QtzCbt, 40.00, -, -, -, -, GRY2_BASIC, -, BRC, PYR, 10.00, fine diss py. reddish hue (k-fsp?). qtz>cb.

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND152634	334.4	335.0	0.6	0.003				
CAOND152635	335.0	336.0	1.0	0.003				
CAOND152636	336.0	337.0	1.0	0.003				
CAOND152637	337.0	338.0	1.0	0.003				
CAOND152638	338.0	339.0	1.0	0.003				
CAOND152639	339.0	340.0	1.0	0.003				
CAOND152640	340.0	341.0	1.0	0.003				
CAOND152641	341.0	342.0	1.0	0.003				
CAOND152642	342.0	343.0	1.0	0.003				
CAOND152643	343.0	344.3	1.3	0.003				
CAOND152644	344.3	344.8	0.5	0.003				

Major: **From:** 344.80 **To:** 376.07 U, Ultramafic Volcanics

Composition: massive, fg, loc wk deformed, dark green-grey Magnetism: none Veining: 15% talc-cal veining Structure: loc wk deformation Alteration: 15% talc-cal veining, mod patchy chl Mineralization: 1-2% mg diss cubic py Lower Contact:

MINERALIZATION
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
364.00, 376.07, PYR, DIS, .50, BRW2_BASIC, MGR, -
373.60, 374.00, PYR, DIS, 3.00, BRW2_BASIC, FGR, -

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
364.00, 376.07, CAL+, WIS, WEAK, GRY_00025, -, -, -
364.00, 376.07, CHL+, PEN, MOD, GRN2_BASIC, -, -, -

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
346.30, 348.50, DFZ, MOD, -, -, -, -, choatic foliations and folding
349.50, 350.90, FOL, MOD, 40.00, -, -, -, -
352.90, 354.40, FOL, MOD, 65.00, -, -, -, -
357.55, 359.80, FOL, MOD, 35.00, -, -, -, with brecciated texture and vein infill
360.95, 362.65, FOL, MOD, -, -, -, -, variable angle

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND152646	344.8	346.0	1.2	0.003				
CAOND152647	346.0	347.5	1.5	0.003				
CAOND152648	347.5	349.0	1.5	0.003				
CAOND152649	349.0	350.5	1.5	0.003				
CAOND152651	350.5	352.0	1.5	0.007				
CAOND152652	352.0	353.5	1.5	0.003				
CAOND152653	353.5	355.0	1.5	0.007				
CAOND152654	355.0	356.5	1.5	0.003				
CAOND152655	356.5	358.0	1.5	0.003				
CAOND152656	358.0	359.5	1.5	0.003				
CAOND152657	359.5	361.0	1.5	0.003				
CAOND152658	361.0	362.5	1.5	0.003				
CAOND152659	362.5	364.0	1.5	0.003				
CAOND152661	364.0	365.5	1.5	0.003				
CAOND152662	365.5	367.0	1.5	0.003				
CAOND152663	367.0	368.5	1.5	0.003				

Hole number: KLAN20-098

368.00, 376.07, FOL, WEAK, 45.00, -, -, -, -

VEIN

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

346.30, 354.40, CAL, 15.00, -, -, -, -, GRY_00025, -, VEN, -, -, talc-cal veins
346.30, 354.40, TLC, 15.00, -, -, -, -, GRN2_BASIC, -, VEN, -, -, talc-cal veins
360.95, 365.00, CAL, 10.00, -, -, -, -, GRY_00025, -, VEN, -, -, talc-cal veins.
360.95, 365.00, TLC, 10.00, -, -, -, -, GRN2_BASIC, -, VEN, -, -, talc-cal veins.

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND152664	368.5	370.0	1.5	0.003				
CAOND152665	370.0	371.5	1.5	0.003				
CAOND152666	371.5	373.0	1.5	0.003				
CAOND152667	373.0	374.2	1.2	0.003				
CAOND152668	374.2	374.7	0.5	0.003				
CAOND152669	374.7	376.1	1.4	0.003				

Major: **From:** 376.07 **To:** 383.60 I2Dm, Mafic Syenite

Grey-pink, fine to medium grained phanerytic intrusive unit with sharp upper and lower contact with <3cm chill margin. <1mm aphibole needles. throughout, non effervescent, weakly magnetic throughout. Cross cut by small rare carbonate veinlets/ breccia and hosting med to coarse grained euhedral Pyrite xtals within veinlets/ stringers.

MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

376.07, 383.00, PYR, FRF, 2.00, YLW2_BASIC, FGR, -
383.00, 383.60, PYR, FRF, 5.00, YLW2_BASIC, MGR, -

ALTERATION

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

382.00, 383.60, KFS+, PAT, WEAK, PNK2_BASIC, -, -, -

STRUCTURE

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

376.07, 376.10, FOL, WEAK, 45.00, -, -, -, -

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND152671	376.1	377.5	1.4	0.003				
CAOND152672	377.5	379.0	1.5	0.003				
CAOND152673	379.0	380.5	1.5	0.003				
CAOND152674	380.5	381.5	1.0	0.003				
CAOND152676	381.5	382.5	1.0	0.003				
CAOND152677	382.5	383.6	1.1	0.003				

Major: **From:** 383.60 **To:** 394.50 U, Ultramafic Volcanics

dark green-blue with abundant whispy carbonate alteration - seems to be developed into a weak foliation between 391 -394m. Weakly deformed, chloritic- aphanitic, Weakly magnetic throughout. fine grained to medium grained, disseminated to fracture filling pyrite varies within unit. Lower contact appears gradational.

MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

387.00, 392.00, PYR, DIS, .50, YLW2_BASIC, CGR, -

ALTERATION

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

383.60, 394.50, CAL+, WIS, WEAK, GRY_00025, -, -, -
383.60, 394.50, CHL+, PEN, MOD, GRN2_BASIC, -, -, -

STRUCTURE

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND152678	383.6	385.0	1.4	0.003				
CAOND152679	385.0	386.5	1.5	0.003				
CAOND152681	386.5	388.0	1.5	0.003				
CAOND152682	388.0	389.5	1.5	0.003				
CAOND152683	389.5	391.0	1.5	0.003				
CAOND152684	391.0	392.5	1.5	0.003				
CAOND152685	392.5	394.0	1.5	0.003				
CAOND152686	394.0	394.5	0.5	0.003				

Hole number: KLAN20-098

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
383.60, 384.00, FGO, WEAK, 50.00, -, -, -, mm fault gouge planes in foliation
385.00, 394.00, FOL, WEAK, 55.00, -, -, -, -
386.30, 386.50, FRA, STRONG, -, -, -, -, -
386.70, 386.80, FGO, WEAK, 55.00, -, -, -, -
394.00, 394.50, FOL, MOD, 70.00, -, -, -, in seds/ contact

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
394.15, 394.30, QtzCbt, 95.00, -, -, -, -, GRY_00025, -, DFM, -, -, Massive QZ w/ CC and CL. Highly deformed.

Major: **From:** 394.50 **To:** 399.50 S, Roches sédimentaires indéterminées

Carbonaitized, altered sediment unit which in intruded by large quartz vein and felsic intrusive that has brecciated unit.

MINOR INTERVAL
395.30 - 397.30: IStrongly brecciated Pink/salmon coloured nearly massive/aphanytic texture of abundant K-spar dominated intrusive. Upper and lower contact marked by brecciated quartz veins with xenoliths of wall rock within veins. Non magnetic, non effervescence, with abundant very fine to fine grained pyrite disseminated throughout unit.

MINERALIZATION
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
396.00, 396.75, PYR, DIS, 2.00, YLW2_BASIC, VFG, within brecciated intrusive

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
394.50, 397.30, CAL+, WIS, WEAK, GRY_00025, -, -, -
394.50, 397.30, CHL+, PEN, MOD, GRN2_BASIC, -, -, -
394.80, 397.30, SIC+, BRC, MOD, GRY_00025, -, -, -
397.30, 399.50, CAL+, BAN, STRONG, GRY_00025, -, -, banded by foliation and stretched
397.30, 399.50, CHL+, PAT, MOD, GRN2_BASIC, -, -, -

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
394.50, 394.80, FOL, MOD, 70.00, -, -, -, in seds/ contact
394.80, 397.30, BRC, MOD, -, -, -, -, hydrothermal and structural breccia
395.40, 399.50, FRA, MOD, -, -, -, -, -
397.30, 399.50, FOL, STRONG, 65.00, -, -, -, Second foliation - some movement as well as stretching along core axis at 70 dTCA
397.80, 399.50, FLD, WEAK, -, -, -, -, complex small scale folding inside highly sheared zone. Potentially due to interaction with another foliation/structure - commonly dragged along 70 dTCA

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND152687	394.5	395.3	0.8	0.012				
CAOND152688	395.3	396.0	0.7	0.177				
CAOND152689	396.0	396.7	0.7	1.415				
CAOND152691	396.7	397.3	0.6	0.108				
CAOND152692	397.3	398.0	0.7	0.204				
CAOND152693	398.0	399.0	1.0	0.596				
CAOND152694	399.0	399.5	0.5	0.143				

Hole number: KLAN20-098

397.90, 398.60, FGO, MOD, -, -, -, -, -

VEIN

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

394.58, 394.70, QtzCal, 60.00, 65.00, -, -, -, BRW2_BASIC, -, FRA, PYR, .50, Brown pinkish white QZ vein brecciated, potentially extensional.
394.79, 395.40, QtzCbt, 50.00, 60.00, -, -, -, GRY2_BASIC, -, BRC, PYR, .50, Brown-grey-white brecciated QZ-CB zone of veins.
395.20, 395.22, QTZ, 100.00, 90.00, -, -, -, GRY2_BASIC, -, MAS, -, -, Smokey grey, fractured QZ vein.
395.40, 395.75, QTZ_2, 30.00, 65.00, -, -, -, GRY_00025, -, BRC, MOL, 2.00, Brecciated/extensional QZ-CB veins, milky and massive with Moly on slip surfaces.
396.42, 396.46, QTZ, 30.00, -, -, -, -, GRY2_BASIC, -, BBY, PYR, 1.00, Massive smokey QZ vein, translucent with patches of fg py, seems to be offset.
396.80, 397.30, QTZ, 80.00, -, -, -, -, GRY_00025, -, BRC, PYR, .50, Pink smokey white milky, brecciated massive quartz crystals.
397.70, 397.80, QtzCbt, 80.00, 70.00, -, -, -, GRY_00025, -, PAT, -, -, -

Major: **From:** 399.50 **To:** 416.93 Uc, Carbonated Ultramafic

white,dark grey-blue-green. Aphanytic, Strongly Carbonitized and foliated (locally variable) ultramafic unit with signs of stretching between 1401-1403m. Patchy trace magnetism, weak effervescence (expecting more). unit contains abundant fault gouge. Cross cut by multiple I2Dp dykes and quartz veins. Lower contact seems gradational.

MINOR INTERVAL

400.20 - 400.26: I3fine grained, dark grey, phanerytic mafic intrsuive with fine to medium grained euhedral pyrite disseminated throughout. Weakly pervasively magnetic. Cross cut by carbonate/ quartz stringer. Upper and lower contact sharp.

MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

400.20, 400.26, PYR, DIS, 5.00, BRW2_BASIC, FGR, in mafic intrusive
410.10, 411.20, PYR, DIS, 7.00, YLW2_BASIC, FGR, within felsic intrusive unit
411.25, 416.93, PYR, DIS, .50, BRW2_BASIC, MGR, -

ALTERATION

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

399.50, 410.10, CAL+, BAN, STRONG, GRY_00025, -, -, banded by foliation and stretched
399.50, 410.10, CHL+, PAT, MOD, GRN2_BASIC, -, -, -
411.20, 416.93, CAL+, BAN, STRONG, GRY_00025, -, -, -
411.20, 416.93, CHL+, PEN, MOD, GRN2_BASIC, -, -, -

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
CAOND152695	399.5	401.0	1.5	0.025				
CAOND152696	401.0	402.5	1.5	0.003				
CAOND152697	402.5	404.0	1.5	0.003				
CAOND152698	404.0	405.0	1.0	0.007				
CAOND152699	405.0	406.5	1.5	0.003				
CAOND152701	406.5	407.9	1.4	0.003				
CAOND152702	407.9	409.0	1.1	0.003				
CAOND152703	409.0	410.1	1.1	0.003				
CAOND152704	410.1	411.0	0.9	0.010				
CAOND152705	411.0	411.5	0.5	0.003				
CAOND152706	411.5	413.0	1.5	0.003				
CAOND152707	413.0	414.0	1.0	0.007				
CAOND152708	414.0	415.5	1.5	0.003				
CAOND152709	415.5	416.9	1.4	0.003				

Hole number: KLAN20-098

399.50, 400.00, FRA, MOD, -, -, -, -
399.50, 412.00, FOL, STRONG, 65.00, -, -, -, Second foliation - some movement as well as stretching along core axis at 70 dTCA
399.50, 406.50, FLD, WEAK, -, -, -, -, complex small scale folding inside highly sheared zone. Potentially due to interaction with another foliation/structure - commonly dragged along 70 dTCA
400.00, 408.00, FRA, WEAK, -, -, -, -
401.20, 401.40, FGO, STRONG, 50.00, -, -, -, fault gouge cross cutting foliation.
402.00, 402.10, FGO, MOD, 70.00, -, -, -, following foliation
403.50, 407.00, FGO, MOD, -, -, -, -, mm to cm fault gouge sets.
407.00, 407.80, FGO, STRONG, 60.00, -, -, -, various orientation - strongest part @ 60 dTCA
411.30, 416.90, FOL, MOD, 60.00, -, -, -, -
413.50, 416.90, FGO, WEAK, 65.00, -, -, -, -

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
404.30, 404.45, QtzCbtChl, 100.00, 85.00, -, -, -, GRY2_BASIC, -, BRC, PYR, 2.00, Pink green white grey. White carb, smokey QZ, KSP and CL w/ fg diss PY.
406.10, 409.10, QtzCbt, 5.00, 75.00, -, -, -, GRY_00025, -, MAS, -, -, Milky white QZ CB veins, deformed, in highly foliated zone.
410.20, 411.10, QtzCbtChl, 30.00, 45.00, -, -, -, GRY_00025, -, SIN, PYR, .50, Milky CB, white QZ, green CL, sinuous/brecciating vein zone.
411.00, 411.14, QtzCbt, 70.00, -, -, -, -, GRY_00025, -, MAS, -, -, Milky white QZ-CB vein, massive and branching.
411.20, 411.26, QtzCbt, 60.00, 70.00, -, -, -, GRY_00025, -, SIN, -, -, QZ-CB vein along foliation.
415.64, 416.37, QtzCbt, 5.00, 70.00, -, -, -, GRY_00025, -, FLP, -, -, White QZ-CB vein zone.

Major: **From:** 416.93 **To:** 420.84 V9, Tuf

Carbonitized bedded reddish, grey tuff

MINERALIZATION
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
419.00, 419.70, PYR, DIS, .50, BRW2_BASIC, MGR, in tuff - euhedral

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
416.93, 420.84, KFS+, PEN, WEAK, PNK2_BASIC, -, -, throughout Tuff and Ultramafic unit - appears as pink patchy/linated alteration where you would usually see calcite in ultramafics.
417.67, 418.66, SIC+, PAT, WEAK, GRY_00025, -, -, due to proximinty to quartz veins.

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
418.60, 420.84, FOL, MOD, 75.00, -, -, -, locally variable - seems to waver around 75 dTCA

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND152710	416.9	417.6	0.7	0.021				
CAOND152711	417.6	418.7	1.1	0.076				
CAOND152712	418.7	420.0	1.3	0.003				
CAOND152713	420.0	420.8	0.8	0.003				

Hole number: KLAN20-098

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/CON
NTS
417.67, 418.66, QtzCbtChl, 30.00, -, -, -, -, GRY_00025, -, PAT, PYR, 3.00, White CB, milky QZ, patchy vein zone with marginal pyrite

Major: **From:** 420.84 **To:** 423.13 Uc, Carbonated Ultramafic

grey, patchy pink - kspar altered/ carbonitized ultramafic, patchy weak to moderatley magnetic. rough patchy texture.

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
420.84, 423.13, KFS+, PEN, WEAK, PNK2_BASIC, -, -, throughout Tuff and Ultramafic unit - appears as pink patchy/linated alteration where you would usually see calcite in ultramafics.

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
420.84, 423.10, FOL, MOD, 75.00, -, -, -, locally variable - seems to waver around 75 dTCA

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND152714	420.8	422.0	1.2	0.011				
CAOND152716	422.0	423.1	1.1	0.037				

Major: **From:** 423.13 **To:** 425.90 1F, Felsite

pink, brownish k-spar dominated intrusive with abundant anhedral disseminated pyrite masses. Porphyrytic but shrouded with alteration (k-spar) obscuring grains and making rock appear more homgenous. moderatly magnetic throughout, non effervescent. Cross cut by milky-smokey quartz vein. upper contact is sharp and has 15cm wide chill margin. lower contact with coarser grained IF is sharp and has chill margin.

MINERALIZATION
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
423.13, 425.80, PYR, DIS, 7.00, YLW2_BASIC, FGR, in anhedral masses

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
423.70, 424.00, SIC+, PAT, WEAK, PNK2_BASIC, -, -, around quartz vein margins

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/CON
NTS
423.80, 423.93, QtzCbtChl, 40.00, 40.00, -, -, -, GRY2_BASIC, -, MAS, PYR, 2.00, Milky to smokey massive QZ vein, w/ massive marginal mg pyrite.

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND152717	423.1	424.0	0.9	0.009				
CAOND152718	424.0	425.0	1.0	0.008				
CAOND152719	425.0	425.9	0.9	0.003				

Major: **From:** 425.90 **To:** 433.66 1F, Felsite

pink, white, med-coarse grained porphyrytic intrusive with plagioclase euhedral laths, rare quartz eyes, Disseminated fine to medium grained euhedral pyrite throughout . weakly pervasively magnetic and weakly porphyrytically effervescent.Upper contact with different 1F phase is sharp and unaltered

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND152721	425.9	426.9	1.0	0.006				
CAOND152722	426.9	427.4	0.5	0.003				

Hole number: KLAN20-098

within this unit. Is cross cut by small 1F dyke from other phase.

MINOR INTERVAL

426.06 - 426.15: 1Fsmall dyklet of finer grained intrusive 1F, chiller margins and moderatly pervasively magnetic.

MINOR INTERVAL

427.10 - 427.40: UcSmall section of Carbonitized Ultramafic, upper and lower conatct marked by milky, k-spar quartz veins.

MINOR INTERVAL

429.80 - 432.50: V9porphyrytically carbonitized redish, bedded tuff - weakly to moderately magnetic throughout. Zones of potential recrystalization as gradition zones of larger xtals. intruded by .05m first satge 1F.

MINOR INTERVAL

432.50 - 433.16: Udeformed/foliated but locally variable, dark grey, green -blue with porphyryrtic caclite xtals. pervasively weak to trace Magnetism. cross cut by k-spar quartz vein. upper and lower contact with tuff is gradational.

MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

425.90, 429.80, PYR, DIS, 3.00, BRW2_BASIC, FGR, in patches
429.80, 430.13, PYR, DIS, 1.00, BRW2_BASIC, VFG, within bedded tuff
430.13, 431.00, PYR, DIS, 3.00, BRW2_BASIC, FGR, in patches
433.40, 433.66, PYR, DIS, 3.00, BRW2_BASIC, FGR, -

STRUCTURE

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

432.20, 433.20, FOL, WEAK, 30.00, -, -, -, variable

VEIN

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

427.43, 427.48, QtzCbtChl, 90.00, -, -, -, -, PNK2_BASIC, -, IRR, PYR, .50, Pink white CB, milky translucent QZ, w/ opaque blueish green CL.
428.35, 428.44, QtzChl, 30.00, -, -, -, -, GRY2_BASIC, -, IRR, PYR, 3.00, Blebby massive, smokey to milky QZ vein w/ marginal CL and marginal cg euhedral py.
430.70, 430.80, QtzChl, 25.00, -, -, -, -, GRY2_BASIC, -, IRR, PYR, 2.00, Smokey massive QZ veins w/ marginal CL and mg anhedral PY.

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND152723	427.4	428.3	0.9	0.003				
CAOND152724	428.3	429.6	1.3	0.003				
CAOND152726	429.6	430.1	0.5	0.003				
CAOND152727	430.1	431.0	0.9	0.003				
CAOND152728	431.0	431.6	0.6	0.003				
CAOND152729	431.6	432.5	0.9	0.003				
CAOND152731	432.5	433.2	0.7	0.003				
CAOND152732	433.2	433.7	0.5	0.003				

Major: **From:** 433.66 **To:** 436.40 V9, Tuf

redish, pink - patchy kspar altered tuff, disseminated subhedral to euhderal pyrite spatially associated with K-spar alteration. Pervasively moderatly magnetic (except where moderatley K-spar altered). Cross cut by multiple smokey quartz veins.

MINOR INTERVAL

434.23 - 434.50: Ipink, k-spar baring phanerytic intrusive. Moderatly pervasively magnetic. sharp upper

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND152733	433.7	434.2	0.5	0.003				
CAOND152734	434.2	435.4	1.2	0.003				
CAOND152735	435.4	436.4	1.0	0.003				

Hole number: KLAN20-098

and lower contacts - if not for these contacts, might have cnfused it for coarser grained/ recrystalized Tuff.

MINOR INTERVAL

435.40 - 436.10: Imoderatly to strongly carbonitized intrusive unit, pink to white, k-spar xtals as porphyry as wekll at calcite porphyrys. Pervasively moderatley magnetic - contacts marked by K-spar alteration patches. Might also be recrystalized tuff.

MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

433.66, 434.00, PYR, DIS, 3.00, BRW2_BASIC, FGR, -

ALTERATION

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

434.10, 436.40, KFS+, PAT, MOD, PNK2_BASIC, -, -, -

STRUCTURE

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

434.50, 436.40, FOL, MOD, 60.00, -, -, -, variable

VEIN

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

434.09, 434.10, QtzCbtChl, 90.00, 70.00, -, -, -, PNK2_BASIC, -, FLP, PYR, 1.00, Smokey pink QZ-CB vein with marginal CL and vfg diss PY.

434.39, 434.40, QTZ, 80.00, 50.00, -, -, -, GRY2_BASIC, -, MAS, PYR, 1.00, A smokey grey-blue, translucent QZ vein w/ marginal py.

Major: **From:** 436.40 **To:** 438.15 1F, Felsite

Massive pink-purple, intrusive unit where alteration shrouds xtal grains of unit, makes unit appear homogenous/aphanitic. In some small intervals, xtal grains are visible. cross cut by multiple quartz veins, Pervasively weakly magnetic and moderated patchy KFS altered. Some intervals also show moderated cms ff CHL altn. Upper contact not visible - might just be tuff that has been very strongly K-spar altered. The lower contact is sharp at 75 deg with Uc. Traces of fg disseminated PY in the background.

MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

437.60, 438.00, PYR, DIS, 1.00, BRW2_BASIC, FGR, Fg disseminated Py. Higher content compared to the traces background. This interval is related with a zone where CHL ff and QTZ-CB veins veins are present. PY inside the 1F AND inside CHL ff.

ALTERATION

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

436.40, 438.15, KFS+, PAT, MOD, PNK2_BASIC, -, -, -

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND152736	436.4	437.2	0.8	0.012				
CAOND152737	437.2	438.2	1.0	0.027				

Hole number: KLAN20-098

437.73, 438.00, CHL+, FRF, MOD, GRN2_BASIC, -, -, Interval with two cms moderated CHL veinelets inside 1F.

VEIN

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

436.57, 436.61, QtzChl, 30.00, 60.00, -, -, -, GRY2_BASIC, -, MAS, PYR, 2.00, Smokey translucent QZ vein w/ stringer CL and marginal py.
437.13, 437.37, QtzCbt, 15.00, 40.00, -, -, -, GRY_00025, -, MAS, -, -, Milky QZ, white CB branching vein zone.
437.60, 438.00, QtzCbt, 5.00, -, -, -, -, GRY_00025, -, IRM, PYR, .50, Interval with mms to cms irregular ff to patchy CB veins with QTZ core. Traces of fg disseminated PY.

Major: **From:** 438.15 **To:** 444.50 Uc, Carbonated Ultramafic

Composition: Dark grey-green alternating with white QTZ-CB veins, chaotic texture Magnetism: none Veinning: 2-25% irregular and discontinous QTZ core-CB mms to cms veins Structure: Interval strongly sheared with some areas where strong 70 deg foliation Alteration: Strong patchy CB and strong patchy CHL. Intervals with moderated patchy Albite alteration associated with QTZ-CB veins. Some intervals with weak patchy FUC altn. Mineralization: Traces of vfg disseminated PY Lower Contact: Sharp at 60 deg with S9\intrusion ? Other : Cross cut by cms V9 beige-light green V9 with 2% of disseminated fg PY

MINOR INTERVAL

442.05 - 442.23: V9Composition: minor interval with 70 of V9 inside UC unit. V9 is beige to light green in color. Magnetism: none Veinning: none Structure: 85 deg weak bedding Alteration: none Mineralization: 2% fg diss Py Contacts: Irregular and wavy to regular

MINERALIZATION

TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS

442.05, 442.23, PYR, DIS, 2.00, BRW2_BASIC, FGR, Inside V9 interval

ALTERATION

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

438.15, 444.50, CBT+, PAT, STRONG, GRY_00025, -, -, Strong patchy CB altn well visible with CB veins and veinelets
438.15, 444.50, CHL+, PAT, STRONG, GRN2_BASIC, -, -, Patchy strong CHL altn (both perv and as ff)
439.20, 440.00, ALB+, PAT, MOD, PNK2_BASIC, -, -, Moderated patchy Albite altn associated with QTZ-CB veins. Albite is found inside these veins.
440.40, 442.40, FUC+, PAT, WEAK, GRN2_BASIC, -, -, Patchy FUC alteration from weak to mod - associated with QTZ core-CB veins or as pervasive.
443.45, 444.05, ALB+, PAT, MOD, PNK2_BASIC, -, -, Moderated patchy Albite altn associated with QTZ-CB veins. Albite is found inside these veins and sometimes as sharp haloes around them.

STRUCTURE

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND152738	438.2	439.5	1.4	0.010				
CAOND152739	439.5	440.4	0.9	0.107				
CAOND152740	440.4	441.0	0.6	0.003				
CAOND152741	441.0	442.0	1.0	0.003				
CAOND152742	442.0	443.0	1.0	0.003				
CAOND152743	443.0	444.5	1.5	0.006				

Hole number: KLAN20-098

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
438.15, 438.16, UPC, -, 75.00, -, -, -, UC sharp Upper contact with 1F
438.15, 440.75, SHR, STRONG, -, -, -, -, Sheared Uc with cahotic texture
440.75, 441.67, FOL, STRONG, 70.00, -, -, -, Well visible 70 deg foliation inside Uc
441.67, 444.50, SHR, STRONG, -, -, -, -, Sheared Uc with cahotic texture

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
438.15, 439.15, QtzCbt, 10.00, 80.00, -, -, -, GRY_00025, -, IRR, -, -, Interval with irregular to ff mms to cm QTZ-CB veins. QTZ in the core of the veins. A lot of veins are irregular with no orientation. Few ff veins show an angle.
439.15, 440.00, QtzCbt, 25.00, -, -, -, -, GRY_00025, -, IRR, -, -, Interval with very irregular QTZ-ALB-CB veins. QTZ in the core. ALB looks to be an alteration.
440.00, 440.40, QtzCbt, 2.00, -, -, -, -, GRY_00025, -, IRR, -, -, Few mms irreg QTZ core-CB veins.
440.40, 440.93, QtzCbt, 25.00, -, -, -, -, GRY_00025, -, IRR, -, -, Intervals with cm to 15cm QTZ-CB very irreg veins. QTZ in the vein core. FUC altn haloes.
440.93, 443.40, QtzCbt, 10.00, -, -, -, -, GRY_00025, -, IRR, -, -, Interval with mms to cms irreg QTZ core-CB veins
441.49, 441.55, QtzCbt, 100.00, 45.00, -, -, -, -, -, MAS, -, -, massive cms Qtz veins with CB at the edges
443.40, 444.10, QtzCbt, 20.00, -, -, -, -, GRY_00025, -, IRR, -, -, mms to cms QTZ core-CB veins with ALB sharp haloes.
444.10, 444.50, QtzCbt, 5.00, -, -, -, -, GRY_00025, -, IRR, -, -, mms QTZ core-CBT veins

Major: **From:** 444.50 **To:** 447.45 V9, Tuf

Composition: Grey to redish interval that shows fine 70 deg bedding. This interval shows fg euhedral carbonated xtals that are aligned with the bedding - looks to be dolomite. Magnetism: weakly. Veinning: none Structure: 70 deg bedding - one interval with cms scale weak folding Alteration: perv to patchy moderated to strong KFS alteration + strong disseminated fg Dolomite Mineralization: 0.5% fg diss Py Contacts: Sharp at 80 deg with S

MINOR INTERVAL
444.73 - 444.80: Uc

MINERALIZATION
TYPE/STYLE/PCT/COLOR/GRAIN_SIZE/COMMENTS
444.50, 444.83, PYR, DIS, 2.00, BRW2_BASIC, FGR, Interval with disseminated fg Py associated with an interval of with strong KFS perv altn inside S9

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
444.50, 444.83, KFS+, PEN, STRONG, RED2_BASIC, -, -, Interval with strong perv KFS altn that hide the texture of the rock

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND152744	444.5	446.0	1.5	0.239				
CAOND152746	446.0	447.5	1.5	0.017				

Hole number: KLAN20-098

444.83, 447.45, KFS+, PAT, MOD, RED2_BASIC, -, -, Very patchy perv KFS alteration. Highly variable in distribution and intensity
445.20, 447.45, DOL+, SPO, STRONG, GRY_00025, FGR, -, Fg euhedral spotted dolomite alteration. The disseminated xtals are parallel to the bedding.

STRUCTURE
TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
444.50, 444.51, LWC, -, 60.00, -, -, -, Uc lower sharp contact with V9\intrusion ?
444.50, 444.96, FLD, WEAK, -, -, -, -, Interval weakly folded - cm scale - cahotic
444.96, 447.45, BED, MOD, 70.00, -, -, -, Bedding shown by the alignment of the S9 grains as well as the Dolomite xtal (stotted alteration)

VEIN
VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
444.74, 444.78, QtzCbt, 100.00, 80.00, -, -, -, GRY_00025, -, MAS, -, -, massive but irregular QTZ-CB vein inside a small Uc interval

Major: **From:** 447.45 **To:** 465.00 S, Roches sédimentaires indéterminées

Composition: Medium grey-green, fine grained, very finely laminated sediments Magnetism: none Veinning: 2% QTZ-CB mms to cms veins - irreg to ff parallel bedding Structure: Very fined laminations at 70 deg Alteration: Pervasive CAL traces and weak ff CHL. Some intervals with weak patchy SER (ff and haloes around QTZ-CB veins). One small interv with weak patchy KFS altn. Mineralization: traces 0.5% fg disseminated Py in the background Upper Contact: Sharp at 80 deg Lower Contact: Can't be observed

MINOR INTERVAL
460.77 - 461.20: IMinor dark pinkish, weakly cm scale folded intrusion with traces 0.5% vfgr disseminated Py. No-magnetic. Irreag and wavy contacts.

ALTERATION
TYPE/STYLE/INTENSITY/COLOR/GRAIN_SIZE/FACIES/COMMENTS
447.45, 465.00, CAL+, PEN, TRACE, GRY_00025, -, -, -
447.45, 465.00, CHL+, FRF, WEAK, GRN2_BASIC, -, -, All this interval shows mms ff CHL alteration. These veinelets can be found as shreded.
451.75, 452.90, SER+, PAT, WEAK, GRN2_BASIC, -, -, Weak patchy SER altn foung as mm ff or as haloes around QTZ-CB veins.
455.20, 455.30, SER+, PAT, WEAK, GRN2_BASIC, -, -, Weak patchy SER altn foung as mm ff or as haloes around QTZ-CB veins.
460.70, 461.50, KFS+, PAT, WEAK, RED2_BASIC, -, -, Weak patchy perv KFS atln inside S and I.
462.40, 465.00, SER+, PAT, WEAK, GRN2_BASIC, -, -, Weak patchy SER altn foung as mm ff or as haloes around QTZ-CB veins.

STRUCTURE

Sample	From	To	Length	Au_g/t	Ag_g/t	Cu_ppm	Zn_ppm	Sg_Kgm3
CAOND152747	447.5	448.0	0.6	0.008				
CAOND152748	448.0	449.5	1.5	0.014				
CAOND152749	449.5	451.0	1.5	0.005				
CAOND152751	451.0	452.5	1.5	0.021				
CAOND152752	452.5	454.0	1.5	0.097				
CAOND152753	454.0	455.5	1.5	0.010				
CAOND152754	455.5	457.0	1.5	0.009				
CAOND152755	457.0	458.5	1.5	0.013				
CAOND152756	458.5	460.0	1.5	0.023				
CAOND152757	460.0	461.5	1.5	0.029				
CAOND152758	461.5	462.5	1.0	0.008				
CAOND152759	462.5	464.0	1.5	0.029				
CAOND152761	464.0	465.0	1.0	0.076				

Hole number: KLAN20-098

TYPE/INTENSITY/CORE_ORIENT/ALPHA/BETA/GAMMA/COMMENTS
447.45, 447.46, UPC, -, 80.00, -, -, -, S sharp Upper contact with S9
447.45, 459.70, BED, MOD, 70.00, -, -, -, very fined laminations
460.00, 461.20, FLD, WEAK, -, -, -, -, Interval weakly folded - cm scale
461.20, 465.00, BED, MOD, 70.00, -, -, -, very fined laminations

VEIN

VEIN/VEIN_PCT/ANGLE/ALPHA/BETA/GAMMA/COLOR/TRUE_WIDTH/TEXTURE/MNZ/MNZ_PCT/COMMENTS
451.90, 452.85, QtzCbt, 5.00, -, -, -, -, GRY_00025, -, FRF, PYR, .50, mms-cm QTZ-CB veins with SER haloes. irreg to parellel to the 70 deg bedding
455.20, 459.90, QtzCbt, 2.00, 70.00, -, -, -, GRY_00025, -, FRF, PYR, .50, mms to cms QTZ-CB veins that are irreg in shapes but still parallel to the bedding. Traces of fg disseminated PY.
460.00, 460.35, QtzCbt, 5.00, -, -, -, -, GRY_00025, -, IRR, PYR, .50, mms to cms wavy QTZ-CB veins. Traces of diss fg PY
460.77, 461.20, CAL, 15.00, -, -, -, -, GRY_00025, -, WLA, -, -, Wavy mm CB veins - cm scale folded
461.79, 461.84, QtzCbtChl, 100.00, 60.00, -, -, -, GRY_00025, -, MAS, -, -, massive QTZ-CB-CHL vein without sulphides. Sharp but wavy contacts.
462.40, 465.00, QtzCbt, 2.00, 70.00, -, -, -, GRY_00025, -, PLA, PYR, .50, Interval with mms QTZ-CB parallel bedding veins. SER haloes. Traces of fg disseminated PY

RQD

From	To	Quality (%)	Recov.(%)	C.A.	Break	Disking	Comment
30.6	33.0	57.00	100.00			N	
33.0	36.0	53.00	100.00			N	
36.0	39.0	57.00	100.00			N	
39.0	42.0	90.00	100.00			N	
42.0	45.0	87.00	100.00			N	
45.0	48.0	27.00	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	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	97.00	100.00			N	
66.0	69.0	97.00	100.00			N	

Hole number: KLAN20-098

RQD

From	To	Quality (%)	Recov.(%)	C.A.	Break	Disking	Comment
69.0	72.0	90.00	100.00			N	
72.0	75.0	90.00	100.00			N	
75.0	78.0	73.00	100.00			N	
78.0	81.0	83.00	100.00			N	
81.0	84.0	80.00	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	93.00	100.00			N	
93.0	96.0	53.00	100.00			N	
96.0	99.0	83.00	100.00			N	
99.0	102.0	70.00	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	93.00	100.00			N	
111.0	114.0	97.00	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	80.00	100.00			N	
123.0	126.0	80.00	100.00			N	
126.0	129.0	90.00	100.00			N	
129.0	132.0	67.00	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	87.00	100.00			N	
141.0	144.0	67.00	100.00			N	
144.0	147.0	90.00	100.00			N	
147.0	150.0	83.00	100.00			N	
150.0	153.0	83.00	100.00			N	

Hole number: KLAN20-098

RQD

From	To	Quality (%)	Recov.(%)	C.A.	Break	Disking	Comment
153.0	156.0	97.00	100.00			N	
156.0	159.0	97.00	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	97.00	100.00			N	
168.0	171.0	80.00	100.00			N	
171.0	174.0	90.00	100.00			N	
174.0	177.0	87.00	100.00			N	
177.0	180.0	93.00	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	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	80.00	100.00			N	
198.0	201.0	93.00	100.00			N	
201.0	204.0	63.00	100.00			N	
204.0	207.0	77.00	100.00			N	
207.0	210.0	97.00	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	100.00	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	90.00	100.00			N	
231.0	234.0	90.00	100.00			N	
234.0	237.0	87.00	100.00			N	

Hole number: KLAN20-098

RQD

From	To	Quality (%)	Recov.(%)	C.A.	Break	Disking	Comment
237.0	240.0	87.00	100.00			N	
240.0	243.0	83.00	100.00			N	
243.0	246.0	97.00	100.00			N	
246.0	249.0	90.00	100.00			N	
249.0	252.0	90.00	100.00			N	
252.0	255.0	77.00	100.00			N	
255.0	258.0	77.00	100.00			N	
258.0	261.0	80.00	100.00			N	
261.0	264.0	83.00	100.00			N	
264.0	267.0	87.00	100.00			N	
267.0	270.0	83.00	100.00			N	
270.0	273.0	80.00	100.00			N	
273.0	276.0	93.00	100.00			N	
276.0	279.0	90.00	100.00			N	
279.0	282.0	97.00	100.00			N	
282.0	285.0	93.00	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	97.00	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	93.00	100.00			N	
303.0	306.0	95.00	100.00			N	
306.0	309.0	93.00	100.00			N	
309.0	312.0	86.00	100.00			N	
312.0	315.0	80.00	100.00			N	
315.0	318.0	83.00	100.00			N	
318.0	321.0	83.00	100.00			N	

Hole number: KLAN20-098

RQD

From	To	Quality (%)	Recov.(%)	C.A.	Break	Disking	Comment
321.0	324.0	83.00	100.00			N	
324.0	327.0	90.00	100.00			N	
327.0	330.0	70.00	100.00			N	
330.0	333.0	70.00	100.00			N	
333.0	336.0	93.00	100.00			N	
336.0	339.0	97.00	100.00			N	
339.0	342.0	90.00	100.00			N	
342.0	345.0	93.00	100.00			N	
345.0	348.0	53.00	100.00			N	
348.0	351.0	83.00	100.00			N	
351.0	354.0	77.00	100.00			N	
354.0	357.0	87.00	100.00			N	
357.0	360.0	80.00	100.00			N	
360.0	363.0	50.00	100.00			N	
363.0	366.0	70.00	100.00			N	
366.0	369.0	73.00	100.00			N	
369.0	372.0	60.00	100.00			N	
372.0	375.0	73.00	100.00			N	
375.0	378.0	73.00	100.00			N	
378.0	381.0	87.00	100.00			N	
381.0	384.0	60.00	100.00			N	
384.0	387.0	57.00	100.00			N	
387.0	390.0	60.00	100.00			N	
390.0	393.0	80.00	100.00			N	
393.0	396.0	60.00	100.00			N	
396.0	399.0	27.00	100.00			N	
399.0	402.0	47.00	100.00			N	
402.0	405.0	37.00	100.00			N	

Hole number: KLAN20-098

RQD

From	To	Quality (%)	Recov.(%)	C.A.	Break	Disking	Comment
405.0	408.0	30.00	100.00			N	
408.0	411.0	73.00	100.00			N	
411.0	414.0	50.00	100.00			N	
414.0	417.0	83.00	100.00			N	
417.0	420.0	90.00	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	73.00	100.00			N	
429.0	432.0	80.00	100.00			N	
432.0	435.0	83.00	100.00			N	
435.0	438.0	77.00	100.00			N	
438.0	441.0	73.00	100.00			N	
441.0	444.0	87.00	100.00			N	
444.0	447.0	87.00	100.00			N	
447.0	450.0	90.00	100.00			N	
450.0	453.0	80.00	100.00			N	
453.0	456.0	83.00	100.00			N	
456.0	459.0	57.00	100.00			N	
459.0	462.0	73.00	100.00			N	
462.0	465.0	63.00	100.00			N	

Appendix C – 2020 Anoki Assay Certificates (in portfolio)

See accompanying PDF Portfolio.