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January 1 to October 31, 2019
Drill Program
Assessment Report for Borden
Borden and Gamey Townships
Porcupine District, Ontario, Canada

Prepared By:



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Monday, February 10, 2020

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1. INTRODUCTION

Newmont Borden Limited (herein called Newmont) contracted Major drilling to complete a drilling campaign over patents and mineral claims on the Borden Gold property, proximal to Lake Roswell. The program took place from January 1st to October 31st, in 2019. The focus of the program was to conduct advanced exploration on prospective regional targets, East Northeast of the known Borden Gold deposit.

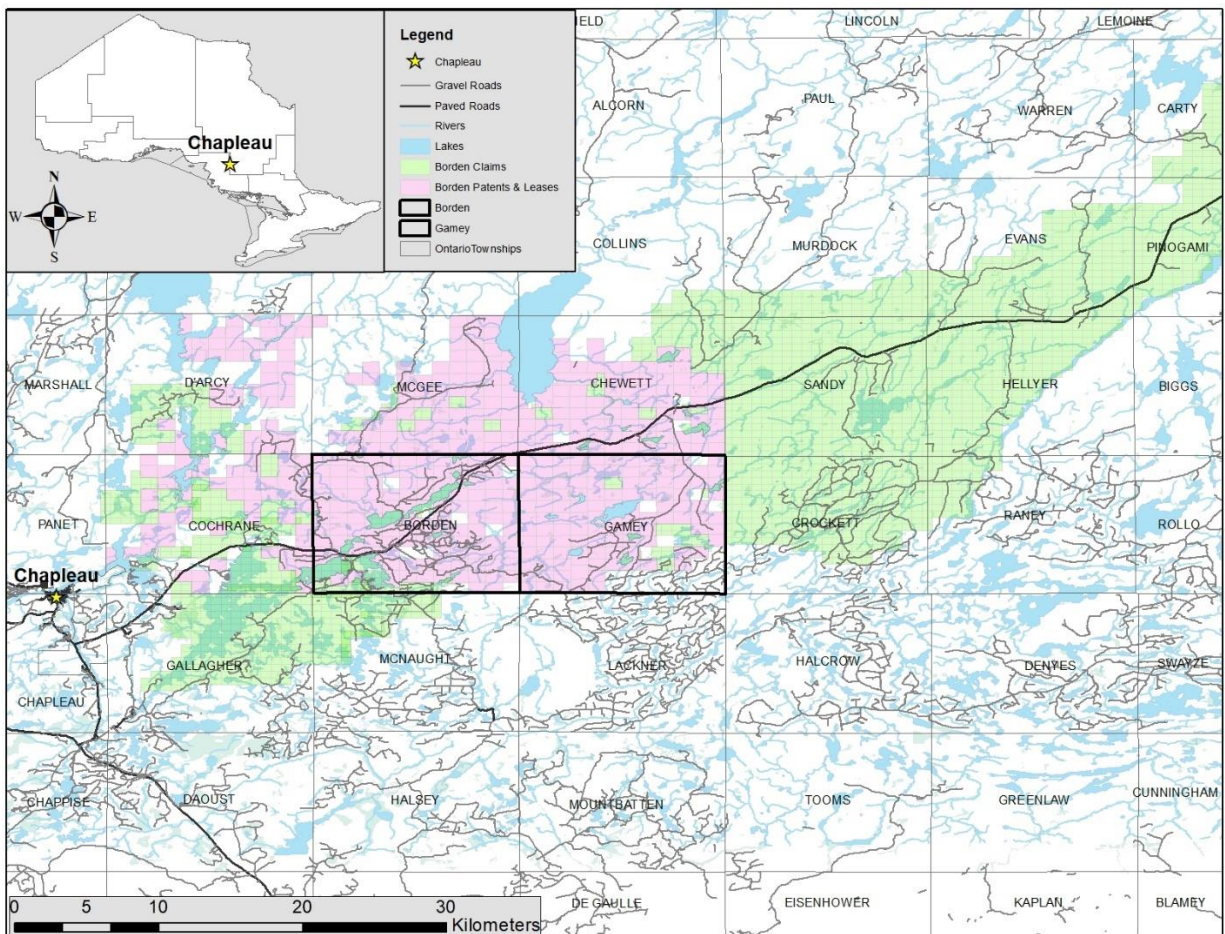
2. PROPERTY DETAILS

2.1 Location and Access

Drill sites were located between eighteen to twenty-six kilometres East-Northeast of Chapleau within the Borden and Gamey townships (Figure 1). Most drill sites were accessible via historic roads with a truck. Those that were not, were cleared with either a bulldozer if new access was required.

Work was conducted on several solely owned patents (detailed in Appendix 1), under exploration permit PR-16-11027.

Figure 1. Tenure Map



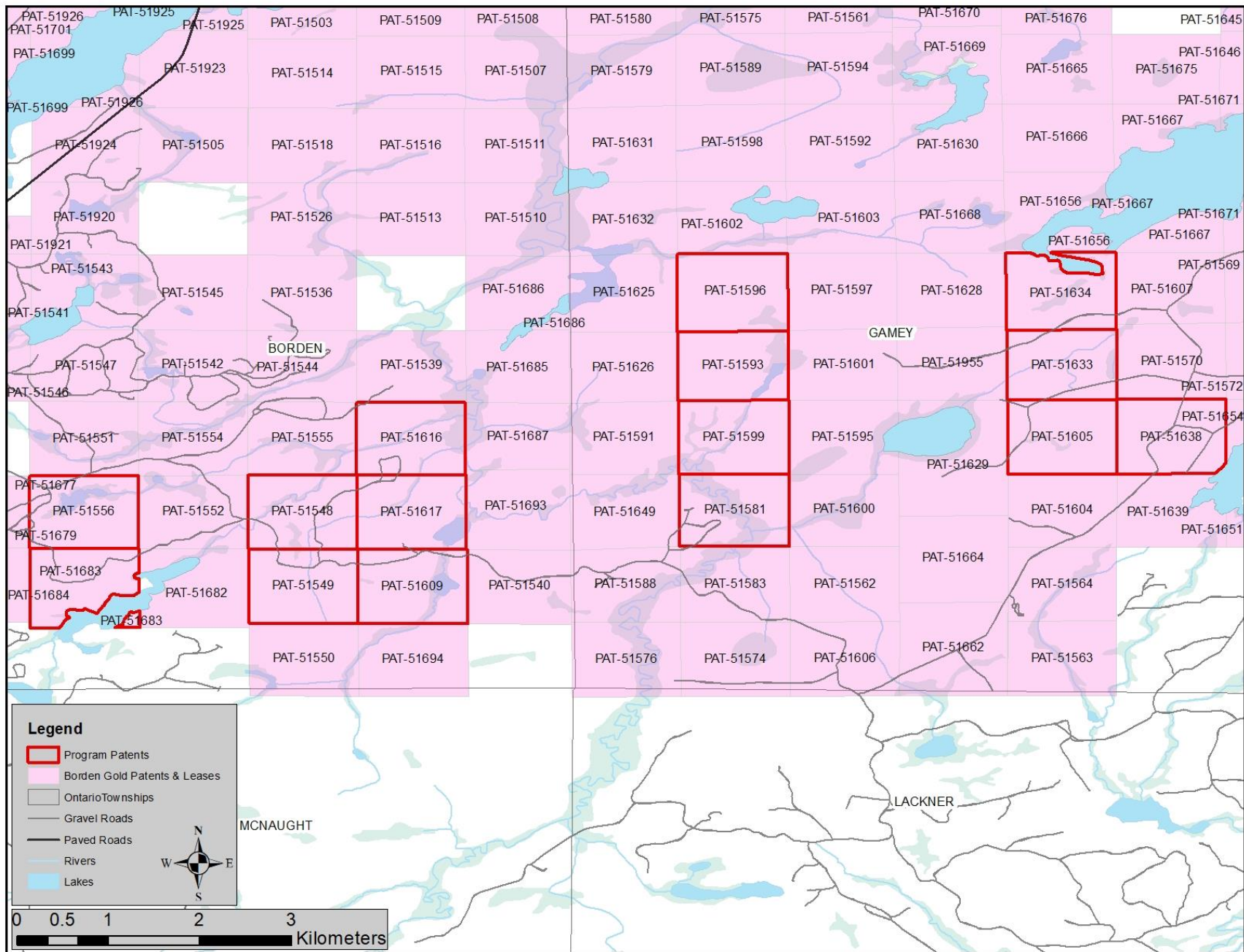
Mineral Claim information (patents & cells) displayed in Table 1.

Table 1– Patent Information

Pin	Township	Lot	Con	Parcel Pin	Owner	Type	MLAS_ID
73107-0286	Gamey	8	3	6519SWS	Goldcorp Canada LTD. (100.00%)	OMP	PAT-51634
73107-0284	Gamey	8	3	6508SWS	Goldcorp Canada LTD. (100.00%)	OMP	PAT-51633
73107-0330	Gamey	8	2	6447SWS	Goldcorp Canada LTD. (100.00%)	OMP	PAT-51605
73107-0294	Gamey	7	2	6622SWS	Goldcorp Canada LTD. (100.00%)	OMP	PAT-51638
73107-0272	Gamey	11	3	5770SWS	Goldcorp Canada LTD. (100.00%)	OMP	PAT-51596
73107-0266	Gamey	11	3	5767SWS	Goldcorp Canada LTD. (100.00%)	OMP	PAT-51593
73107-0278	Gamey	11	2	5773SWS	Goldcorp Canada LTD. (100.00%)	OMP	PAT-51599
73107-0238	Gamey	11	2	4827SWS	Goldcorp Canada LTD. (100.00%)	OMP	PAT-51581
73104-0220	Borden	2	2	5281SWS	Goldcorp Canada LTD. (100.00%)	OMP	PAT-51616
73104-0216	Borden	2	2	5017SWS	Goldcorp Canada LTD. (100.00%)	OMP	PAT-51617
73104-0222	Borden	2	1	5298SWS	Goldcorp Canada LTD. (100.00%)	OMP	PAT-51609
73104-0180	Borden	3	2	6189SWS	Goldcorp Canada LTD. (100.00%)	OMP	PAT-51548
73104-0182	Borden	3	1	6192SWS	Goldcorp Canada LTD. (100.00%)	OMP	PAT-51549
73104-0196	Borden	5	2	6653SWS	Goldcorp Canada LTD. (100.00%)	OMP	PAT-51556
73104-0212	Borden	5	1	6786SWS	Goldcorp Canada LTD. (100.00%)	OMP	PAT-51683

The land area where drilling was performed is displayed in Figure 2 with boundaries highlighted in red.

Figure 2. Assessment tenure area highlighted in red. 1:50,000



3. PREVIOUS WORK

1991-1992: Kimberlite Exploration that included heavy mineral concentrate sediment sampling, ground geophysics and glacial sediment sampling.

2001: The Ontario Geological Survey completed a high density airborne magnetic and electromagnetic survey covering the Kapuskasing-Chapleau area and the Kapuskasing Structural Zone.

2014: Probe Mines Limited (Newmont Borden Limited) conducted a regional exploration program. This program included prospecting, outcrop sampling, soil sampling, and till sampling.

2015: Probe Mines (Newmont Borden Limited) contracted IOS Geoscientifique to complete a detailed till survey over the Copperfield and Lincoln claims. A lidar survey was also conducted to assist with planning future work.

2016: Probe Mines (Newmont Borden Limited) completed an airborne magnetic survey on its claims.

2016: The Ontario Geological Survey completed a detailed bedrock mapping at a scale of 1:20,000 encompassing the entirety of Borden and Cochrane Townships.

2014-2018: Probe Mines Limited and Goldcorp drilled 406 holes totaling 172,035 metres. These holes were drilled to explore and define the known deposit and its extent.

4. GEOLOGY

4.1 Regional Geology

The property is located within the Superior Province, which is subdivided into lithologically distinct subprovinces. Evidence supports formation by large-scale plate interactions, with accretionary processes followed by uplift and erosion. Rocks form an east-west trending pattern of alternating terranes that range in age from 3.5Ga to about 2.6Ga.

Portions of the Wawa Sub-province, the Abitibi Sub-province, and the Kapuskasing Structural Zone underlie the Chapleau area (Thurston et al., 1977). Eastward from the Chapleau area and into Quebec, the Abitibi Sub-province hosts the Timmins-Porcupine, Kirkland Lake-Larder Lake and Cadillac gold camps in addition to the volcanogenic massive sulphide deposits near Rouyn-Noranda.

The Kapuskasing structural zone (KSZ) trends NNE, extending from James Bay south to the Chapleau area where it gradually dies out. The KSZ is characterized by a sharp increase in metamorphic grade, from predominantly greenschist and amphibolite facies to granulite facies assemblages (Thurston et al., 1977).

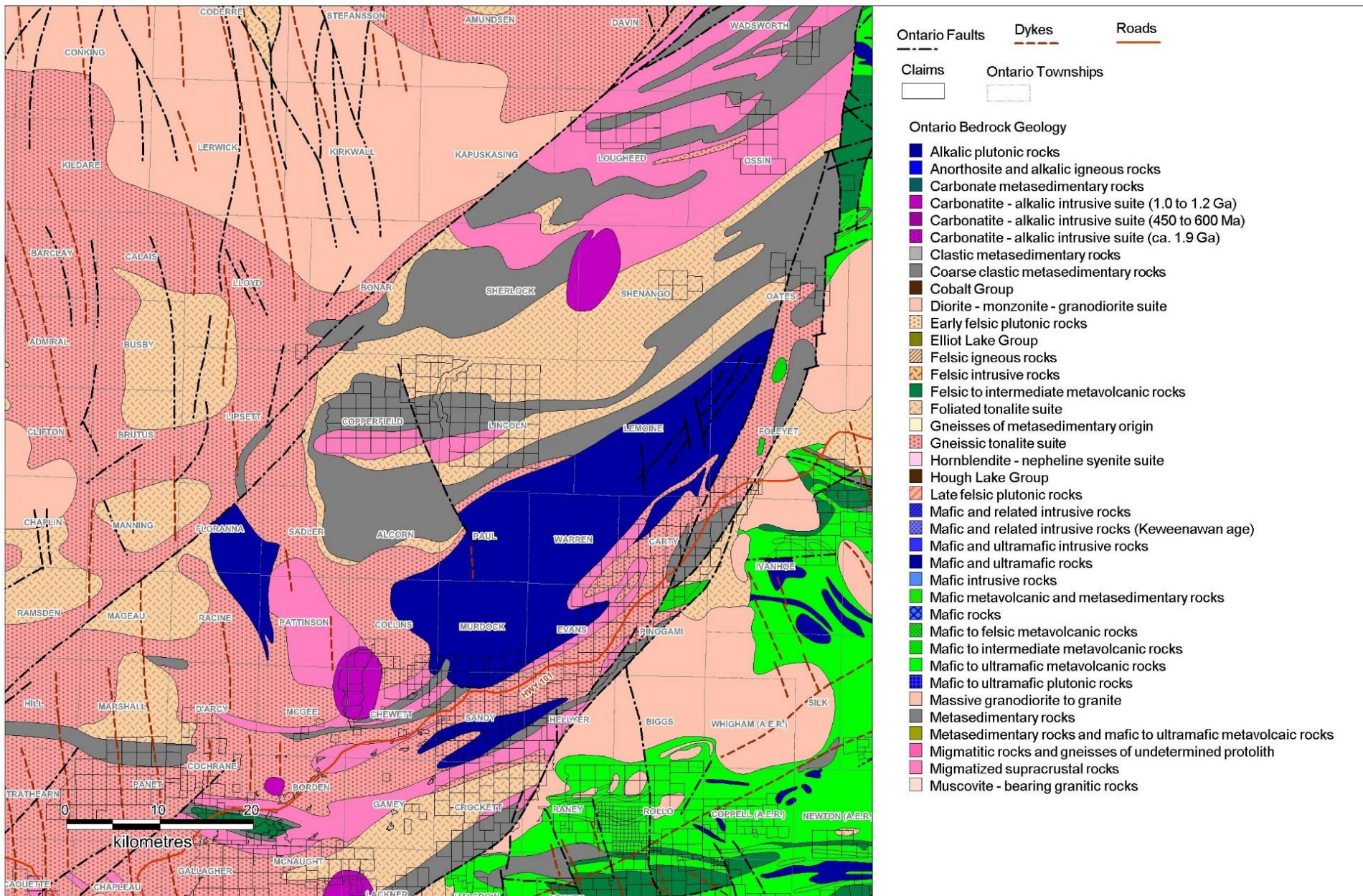
Several alkalic rocks such as carbonatite complexes along with lamprophyric dykes intruded along the KSZ, approximately 1022 to 1141 Ma ago. The carbonatite occurrences appear to display close spatial relationships with major northeast-striking shear zones. Proximal to the project area, on the northern side of the KSZ, three (3) such complexes are known to occur. These include the Borden Township carbonatite complex, the Nemegosenda Lake alkalic complex; and the Lackner Lake alkalic complex (Allan, 2016).

4.1 Property Geology

The Geology within the tenement package has been characterized by OGS work. The area has east-west to north-east trending felsic to mafic metasedimentary units with minor igneous units, the largest of which are anorthosite and carbonatite origin. (Figure 3).

Exploration encountered large variability of overburden, ranging between 0.5 – 20.0 metres of quaternary material. Bedrock varied between moderately to strongly foliated units that were primarily metasediments, mafic units and foliated felsic intrusives. Minor conglomerate, pegmatite, diabase, and ultramafic units were also intersected.

Figure 3. General Geology of the Southern KSZ and Area A Claim Group (Allen, 2016)



5. Drilling Program

The drilling program was developed to advance prospective regional targets, East Northeast of the known Borden Gold deposit. Drilling was focused along four separate N-S trending drill lines, Northeast of Lake Borden and Southwest of Lake Roswell, spanning roughly nine kilometres.

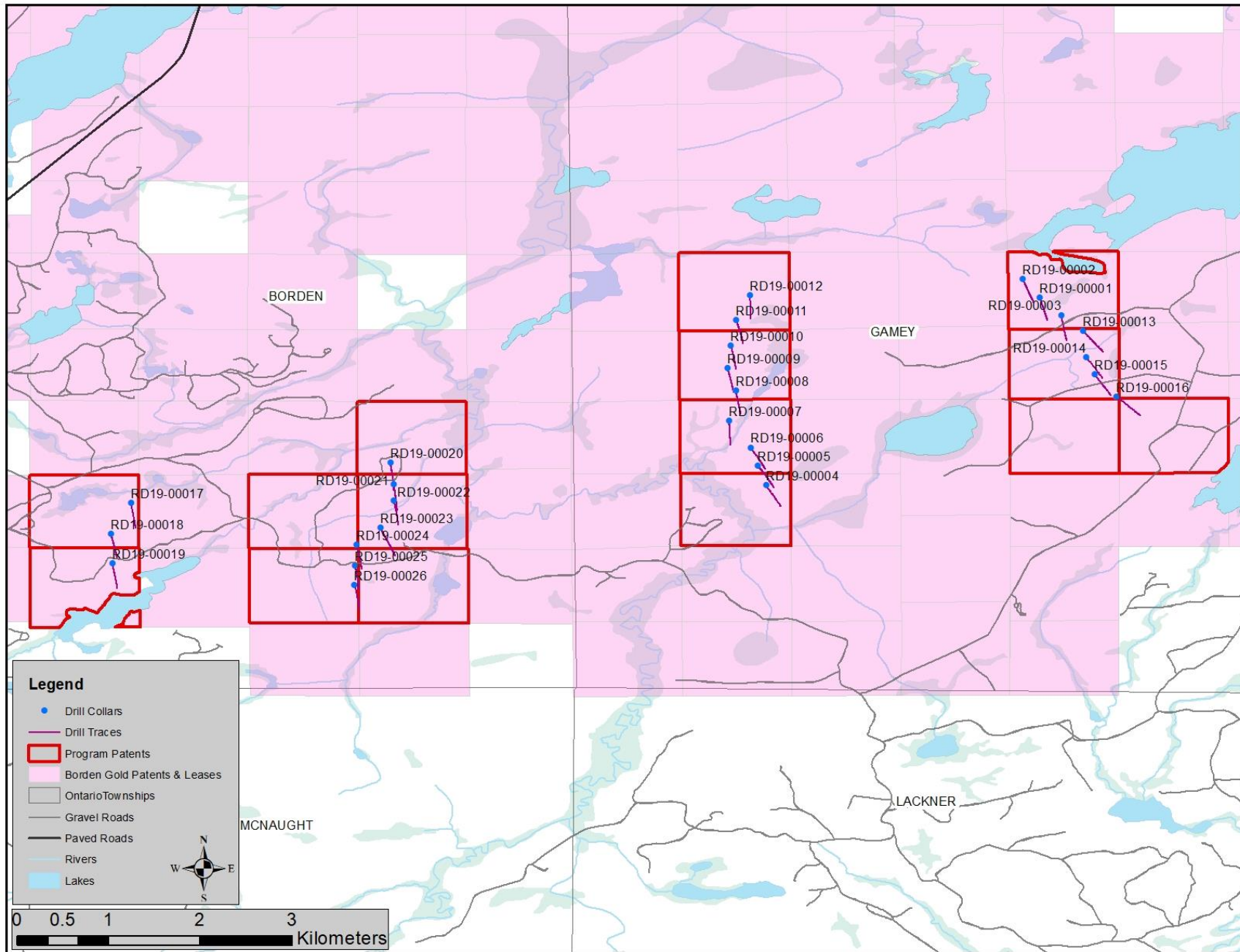
A total of 9,353 metres of oriented core was drilled over 26 drill holes, from February to October 2019 (Figure 4). Major Drilling was contracted by Newmont to carry out all diamond drill hole activities. Drill hole logs are provided in Appendix 2.

5.1 Diamond drill procedure

Drill trails and sites were cleared with a D6 bulldozer, which was also used to move drill rigs from site to site. Once on a drill set up, each drill rig commenced drilling after being aligned with preplaced pickets or front sites, which were positioned using a handheld compass. Drill rigs operated 24 hours a day, one day and one-night shift, until target depth was reached. While drilling, core was delivered to Chapleau daily. At target depth geologists determined whether to continue or to move onto the next setup.

Water usage was measured with water monitoring meters and drill cuttings were managed with a cuttings control system, trenches and sumps. All drilling fluids used during the program, including hydraulic and engine oils, were biodegradable products. Semi permeable sump liners were also biodegradable. When holes were completed, the drill crew performed a downhole survey before applying a Van Ruth plug within the casing. All casing was then marked and labeled with proper hole identification via an aluminum cap, in addition to a flower cap for visibility. Before demobilization commenced, each site was thoroughly cleaned, leveled and later inspected in accordance to all procedures, protocols and legislations. This procedure continued for the duration of the program.

Figure 4. Diamond drill hole collar location and hole traces overview. 1:50,000



6. Sample Preparation and Analyses

Core samples were logged at the core logging facility in Chapleau. Sample intervals were marked by a geologist based on their judgement of changes in the following: mineralization, lithology, veining, structure, sulfides, and alteration. Samples ranged in size from 30 cm to 150 cm. Once logged, the core was cut in half, put into polyurethane bags with sample tags for tracking. The samples were shipped to laboratories in 2018. All samples were analyzed by gold fire-assay and four-acid multi-element analysis with AGAT. Laboratory certificates are provided in Appendix 3.

7. SUMMARY OF RESULTS

The program provided valuable geological information, which yielded in a stronger interpretation of the Borden Gold regional property. This will aid in the implementation and planning of subsequent programs, as well as a revision of current exploration activities, proximal to the Borden Gold deposit.

8. CONCLUSIONS

The results of the program have yielded follow up targets and advanced the knowledge of the Borden Lake Greenstone Belt.

9. RECOMMENDATIONS

Additional exploration and follow up is recommended.

10. REFERENCES

Allen, S. 2016. Assessment Report on 2016 Airborne Geophysics Survey.

Moser, D.E. 1994. The geology and structure of the mid-crustal Wawa gneiss domain – a key to understanding tectonic variation with depth and time in the late Archean Abitibi-Wawa Orogen. *Canadian Journal of Earth Sciences*, 31: p. 1064-1080.

Percival, J.A. and West, G.F. 1994. The Kapuskasing uplift: a geological and geophysical synthesis; *Canadian Journal of Earth Sciences*, v.31, p.1256-1286.

Percival, J. A. and McGrath, P.H. 1986. Deep crustal structure and tectonic history of the northern Kapuskasing uplift of Ontario: an integrated petrological–geophysical study; *Tectonics*, v.5, no.4, p.553-572.

Thurston, P.C., 1991, Archean geology of Ontario: Introduction, in *Geology of Ontario*, Ontario Geological Survey, Special Volume 4, Part I, p.73-78.

11.LIST OF PERSONNEL

The following individuals were involved in the work performed at Borden 2019:

<u>Last Name</u>	<u>First Name</u>	<u>Employer</u>
Belec	Justin	Contractor
Brazeau	Tyler	Contractor
Brooking	Stephen	Newmont
Canning	Perry	Newmont
Clarke	Brad	Newmont
Compton	Tyler	Newmont
Dillon	Matthew	Newmont
Dillon	Patrick	Contractor
Findley	Quin	Contractor
Gauthier	Nia	Contractor
Gerber	William	Newmont
Howson	Charles	Contractor
Jibb	Alex	Newmont
Koski	Terry-Lynn	Contractor
Larcher	Tristan	Contractor
Lay	Lisa	Contractor
Lortie	Denis	Newmont
Lortie	Roger	Newmont
McFadden	Gordon	Newmont
Meyer	Colt	Newmont
Murphy	Steven	Contractor
Nette	Andrew	Newmont
Panamick	Thunder	Contractor
Peskleway	Clayton	Contractor
Rafuse	Daniel	Newmont
Ricardo	Miguel	Newmont
Robin	Mitch	Contractor
Sarrazin	Tony	Newmont
Schweinberger	Mike	Newmont
Shultis	Christine	Newmont
Vallee	Kaleb	Contractor
Walheed	Ahmad	Contractor
Yuill	Craig	Newmont

12.STATEMENT OF QUALIFICATIONS

Home Address:

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862 Auburndale Rd,
Newcombville, NS
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Work Address:

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Borden Gold Mines
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Daniel.Rafuse@Newmont.com

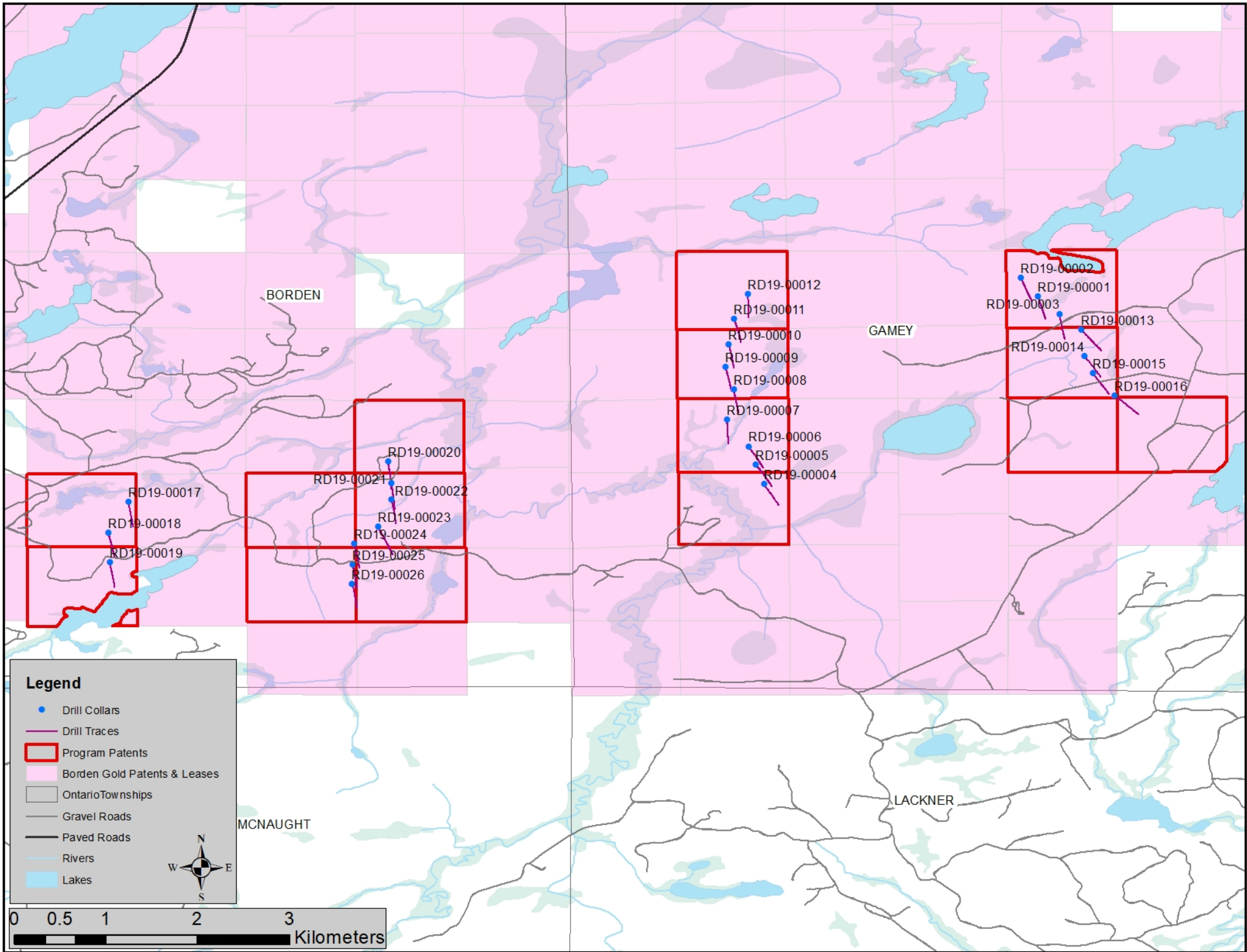
I, Daniel Rafuse, hereby certify that:

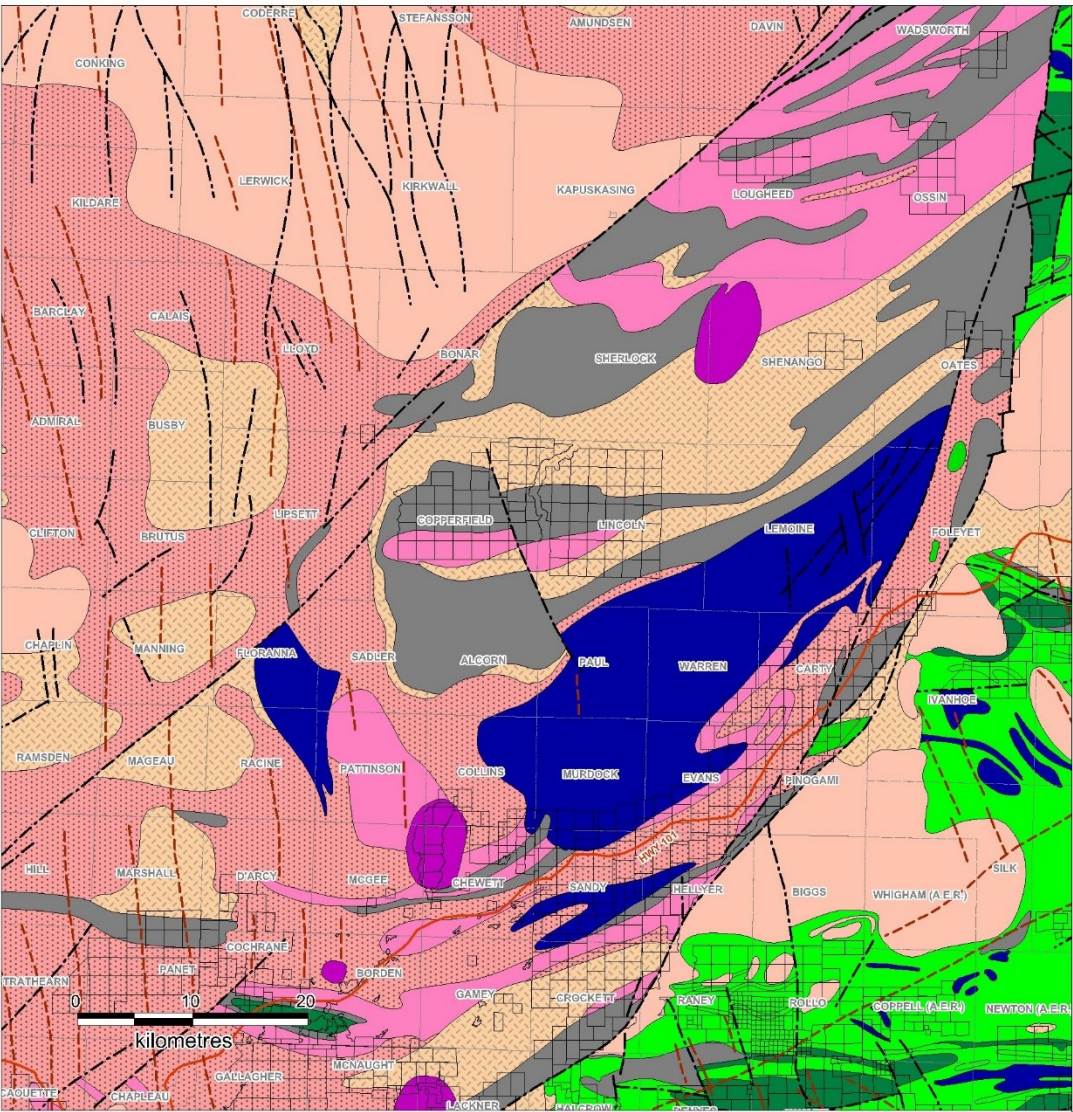
1. I graduated from Saint Mary's University with a Bachelor of Science with a Specialization in Geology.
2. I am employed as an exploration Geologist with Newmont and have practiced within my profession for 9 years.
3. I am familiar with the Borden property and prepared this report.
4. I have no personal interest in any of the mining claims pertaining to this report.

Feb 7, 2020

Daniel Rafuse

Appendix 1. Large scale collar location and drill hole trace maps



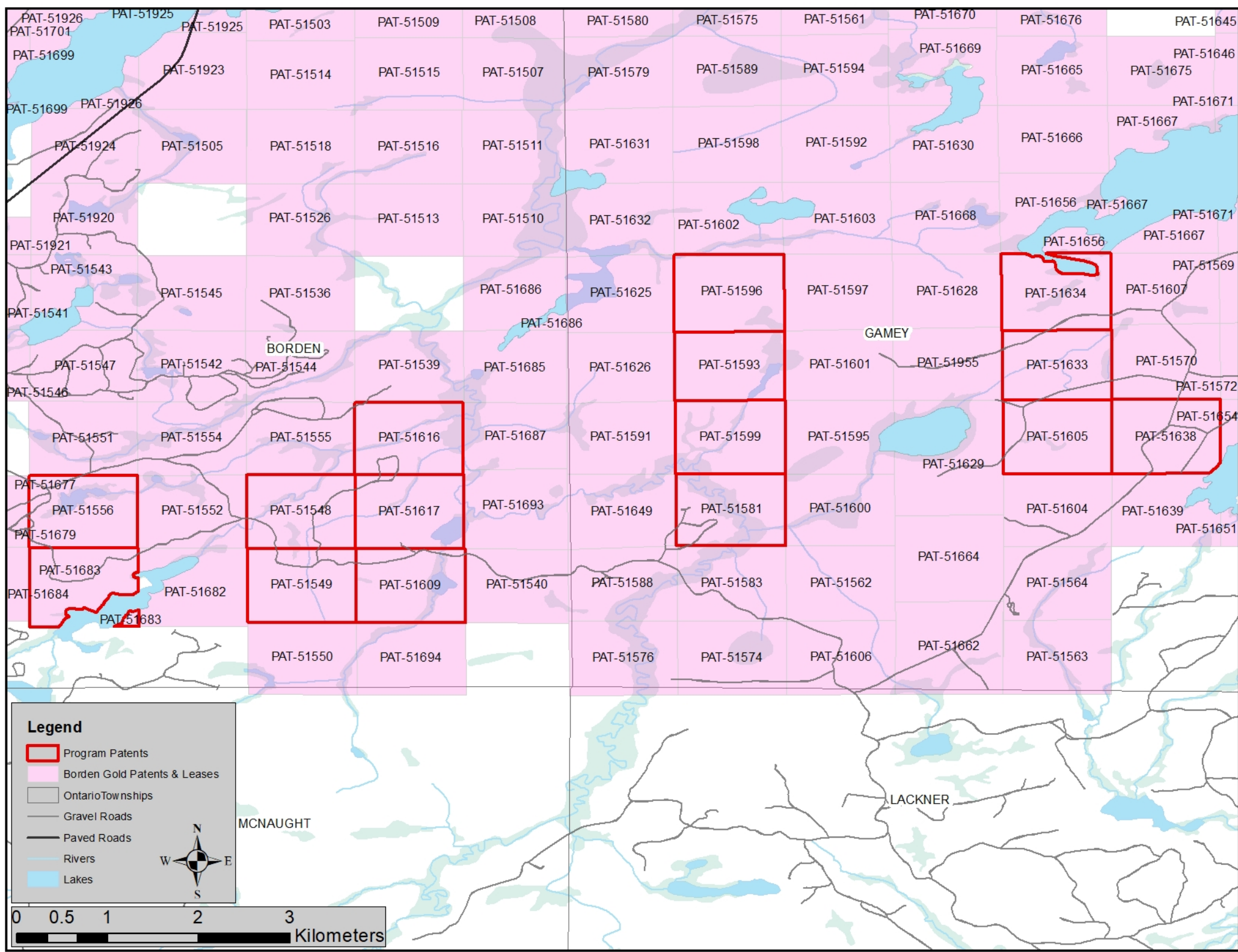


Ontario Faults **Dykes** **Roads**

Claims **Ontario Townships**

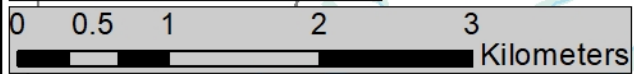
Ontario Bedrock Geology

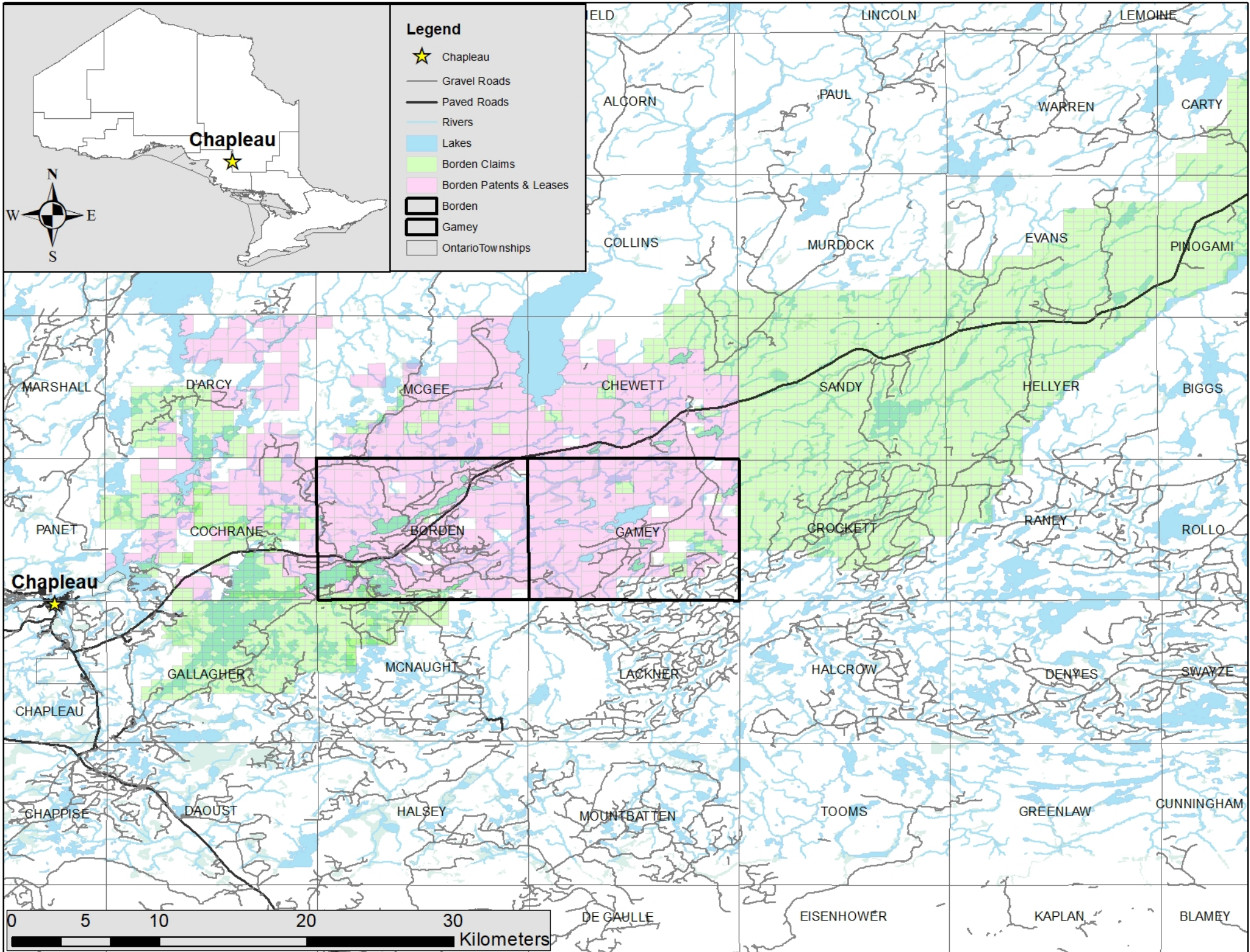
- Alkalic plutonic rocks
- Anorthosite and alkalic igneous rocks
- Carbonate metasedimentary rocks
- Carbonatite - alkalic intrusive suite (1.0 to 1.2 Ga)
- Carbonatite - alkalic intrusive suite (450 to 600 Ma)
- Carbonatite - alkalic intrusive suite (ca. 1.9 Ga)
- Clastic metasedimentary rocks
- Coarse clastic metasedimentary rocks
- Cobalt Group
- Diorite - monzonite - granodiorite suite
- Early felsic plutonic rocks
- Elliot Lake Group
- Felsic igneous rocks
- Felsic intrusive rocks
- Felsic to intermediate metavolcanic rocks
- Foliated tonalite suite
- Gneisses of metasedimentary origin
- Gneissic tonalite suite
- Hornblendite - nepheline syenite suite
- Hough Lake Group
- Late felsic plutonic rocks
- Mafic and related intrusive rocks
- Mafic and related intrusive rocks (Keweenawan age)
- Mafic and ultramafic intrusive rocks
- Mafic and ultramafic rocks
- Mafic intrusive rocks
- Mafic metavolcanic and metasedimentary rocks
- Mafic rocks
- Mafic to felsic metavolcanic rocks
- Mafic to intermediate metavolcanic rocks
- Mafic to ultramafic metavolcanic rocks
- Mafic to ultramafic plutonic rocks
- Massive granodiorite to granite
- Metasedimentary rocks
- Metasedimentary rocks and mafic to ultramafic metavolcanic rocks
- Migmatitic rocks and gneisses of undetermined protolith
- Migmatized supracrustal rocks
- Muscovite - bearing granitic rocks



Legend

- Program Patents
- Borden Gold Patents & Leases
- Ontario Townships
- Gravel Roads
- Paved Roads
- Rivers
- Lakes





Appendix 2. Core logs

Hole ID : RD19-00001

Project : Borden

Drilling Details :

Azimuth : 169
 Dip : -47
 Length : 357
 Drill Start : 8-Feb-2019
 Drill Completed : 16-Feb-2019
 Core Size : NQ
 Drill Company : Major
 Oriented Core : No

Location Details :

Easting : 345400
 Northing : 5305398
 Elevation : 430
 UTM Grid : NAD83_UTMZ17N_GPS
 Township : Gamey
 Storage Location : Chapleau Ont

Logging Details :

Logged By : Daniel.Rafuse
 Logged By 2 : Christine.Shultis
 Log Start : 27-Feb-2019
 Log Completed : 26-Feb-2019
 Re-Logged By :
 Re-Log Start :
 Re-Log Completed :

Comments :

New Coordinates Numerous amphibolite sections with generally moderate silicification including a MAM at 302 m's with strong silica flooding/veining and a sharp increase in sulphide content dominated by pyrrhotite Po85 / Py15. Weak lineation signatures dipping towards W-SW as well as F1/F2 fold axis also trending W-SW. Foliation dipping steeply towards NW-N. Several lamprophyres and dykes intersected throughout hole with moderate to strong magnetism.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	3.00	(OB) Overburden, () 3 m NW casing.								
3.00	6.33	(FGS) Felsic Gneiss Sedimentary, () Fine-medium grained moderately well foliated felsic gneiss. Unit is fairly biotite rich and has abundant fine grained pyrite and pyrrhotite associated with biotite along the foliation plane and coarse grained sulphides at the margins of quartz clots:siliceous bands and pegmatite clots. Unit is weakly-moderately magnetic where pyrrhotite is present.	D59451	3	4	1	0.334	AGAT_FAICP		
			D59453	4	5	1	0.057	AGAT_FAICP		
			D59454	5	5.7	0.7	0.056	AGAT_FAICP		
			D59455	5.7	6.33	0.63	0.04	AGAT_FAICP		
6.33	6.90	(FGS) Felsic Gneiss Sedimentary, () Medium coarse grained biotite and amphibole rich coarse grained felsic gneiss. Fine-medium grained disseminated crystals of pyrite and pyrrhotite associated with the margins of biotite and amphibole crystals. Unit is weakly magnetic where pyrrhotite is present. Patchy silicification of the matrix.	D59456	6.33	6.9	0.57	0.013	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
6.90	7.30	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Fine-medium grained biotite rich lamprophyric dike. Upper and lower chill margins.	D59457	6.9	7.3	0.4	0.003	AGAT_FAICP		
7.30	7.76	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Granitic pegmatite brecciated and altered by intruding LAMP dike. pyrite present between crystals of biotite.	D59459	7.3	7.76	0.46	0.024	AGAT_FAICP		
7.76	10.88	(FGS) Felsic Gneiss Sedimentary, () Fine-medium grained felsic gneiss with high biotite. Sections with increased pyrite and pyrrhotite associated with crystals of biotite. Matrix of unit is silicified. At 8.4 m folded foliation parallel quartz veins. In section of unoriented core but when rough reoriented using foliation fold axis are roughly east-west. Coarse grained pyrite and pyrrhotite blebs associated with the margins of a pegmatite sweat.	D59460 D59461 D59462 D59463 D59464	7.76 8.2 8.8 9.5 10.38	8.2 8.8 9.5 10.38	0.44 0.6 0.7 0.88 0.5	0.072 0.105 0.046 0.023 0.073	AGAT_FAICP AGAT_FAICP AGAT_FAICP AGAT_FAICP AGAT_FAICP		
10.88	12.10	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Granitic pegmatite cutting through a package of felsic gneiss. Patchy fine grained disseminated pyrite.	D59465 D59467	10.88 11.48	11.48 12.1	0.6 0.62	0.02 0.015	AGAT_FAICP AGAT_FAICP		
12.10	14.39	(FGS) Felsic Gneiss Sedimentary, () Fine-medium grained felsic gneiss s with patchy coarse grained crystals of feldspar associated with the overlying pegmatite. Undulating upper contact. Biotite increases towards lower contact. Fine grained disseminated pyrite and pyrrhotite throughout the unit associated with crystals of biotite.	D59468 D59469 D59470	12.1 13 13.7	13 13.7 14.39	0.9 0.7 0.69	0.09 0.022 0.031	AGAT_FAICP AGAT_FAICP AGAT_FAICP		
14.39	15.38	(FGS) Felsic Gneiss Sedimentary, () Biotite rich fine grained moderately well foliated felsic gneiss . Disseminated fine grained pyrrhotite through.	D59471	14.39	15.38	0.99	0.063	AGAT_FAICP		
15.38	15.90	(FGC) Felsic Gneiss Conglomerate, () Conglomeratic unit ? Comprised of fine-medium grained matrix of quartz and feldspar and biotite with possible quartz clast and bands.	D59473	15.38	15.9	0.52	0.069	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
15.90	17.80	(FGS) Felsic Gneiss Sedimentary, () Fine-medium grained biotite rich felsic gneiss Fine grained disseminated pyrrhotite associated with pyrrhotite. Weakly magnetic where pyrrhotite is present. Strong magnetic where patchy disseminated magnetite is present.	D59474	15.9	16.9	1	0.095	AGAT_FAICP		
			D59475	16.9	17.8	0.9	0.156	AGAT_FAICP		
17.80	18.40	(UMD) UMLAMP DiKE, (LAMPD) UMD - Lamprophyre Dyke Fine-medium grained lamprophyric dike cutting felsic gneiss. Brecciated lower contact. Chill margins at the upper and lower contact.	D59476	17.8	18.4	0.6	0.007	AGAT_FAICP		
18.40	19.24	(FGS) Felsic Gneiss Sedimentary, () Brecciated and altered felsic gneiss between LAMP dikes. 18.84 folded section (no orientation line).	D59477	18.4	19.24	0.84	0.032	AGAT_FAICP		
19.24	20.46	(UMD) UMLAMP DiKE, (LAMPD) UMD - Lamprophyre Dyke Fine-medium biotite rich lamprophyric dike. Chill margins at the upper and lower contact. FGS selvage 19.8-19.9 m.	D59479	19.24	19.8	0.56	0.005	AGAT_FAICP		
			D59480	19.8	20.1	0.3	0.011	AGAT_FAICP		
			D59481	20.1	20.46	0.36	0.004	AGAT_FAICP		
20.46	22.43	(FGS) Felsic Gneiss Sedimentary, () Altered fine grained felsic with localized feldspar clots. Potassic and sericitic alteration likely from the overlying LAMP dikes. Fine grained disseminated pyrite and pyrrhotite associated with biotite and siliceous bands.	D59482	20.46	21.5	1.04	0.019	AGAT_FAICP		
			D59483	21.5	22.43	0.93	0.023	AGAT_FAICP		
22.43	25.25	(FGS) Felsic Gneiss Sedimentary, () Medium-coarse grained felsic gneiss with quartz eyes. Matrix is biotite and amphibole rich. Fine grained disseminated pyrite and pyrrhoite throughout and coarse grained blebs associated with 1-2 cm quartz veins.	D59484	22.43	23	0.57	0.007	AGAT_FAICP		
			D59485	23	24	1	0.006	AGAT_FAICP		
			D59487	24	24.68	0.68	0.008	AGAT_FAICP		
			D59488	24.68	25.25	0.57	0.011	AGAT_FAICP		
25.25	25.55	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Granitic pegmatite splitting FGS unit.	D59489	25.25	25.55	0.3	0.007	AGAT_FAICP		
25.55	26.90	(FGS) Felsic Gneiss Sedimentary, () Similar to the from 22.43-25.55m. Medium-coarse grained felsic gneiss with quartz eyes. Matrix is biotite and amphibole rich. Fine grained disseminated pyrite and pyrrhoite	D59490	25.55	26.23	0.68	0.004	AGAT_FAICP		
			D59491	26.23	26.9	0.67	0.02	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		throughout and coarse grained blebs associated with 1-2 cm quartz veins. Localized finer grained sections.								
26.90	27.24	(AMP) Amphibolite, ()	D59493	26.9	27.24	0.34	0.079	AGAT_FAICP		
		Medium-coarsed grained amphibolite with thin bands along foliation of biotite and light green clinopyroxene. Abundant disseminated and blebby pyrrhotite throughout the unit. Similar in appearance to Borden amphibolites.								
27.24	28.23	(FGS) Felsic Gneiss Sedimentary, ()	D59494	27.24	27.8	0.56	0.006	AGAT_FAICP		
		Medium-coarse grained felsic gneiss with quartz eyes. Matrix is biotite rich with patchy amphibole. Fine grained disseminated pyrite and pyrrhoite throughout.	D59495	27.8	28.23	0.43	0.004	AGAT_FAICP		
28.23	28.57	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D59496	28.23	28.57	0.34	0.005	AGAT_FAICP		
		Granitic pegmatite similar to those above splitting a felsic gneiss unit.								
28.57	32.67	(FGS) Felsic Gneiss Sedimentary, ()	D59497	28.57	29	0.43	0.007	AGAT_FAICP		
		Medium-coarse grained felsic gneiss with quartz eyes. Matrix is biotite and amphibole rich. Fine grained disseminated pyrite and pyrrhoite throughout. Localized 20 cm section of granitic pegmatite.	D59499	29	30	1	0.005	AGAT_FAICP		
			D59500	30	31	1	0.002	AGAT_FAICP		
			D59501	31	31.7	0.7	0.003	AGAT_FAICP		
			D59502	31.7	32.1	0.4	0.003	AGAT_FAICP		
			D59503	32.1	32.67	0.57	0.006	AGAT_FAICP		
32.67	36.42	(FGS) Felsic Gneiss Sedimentary, ()	D59504	32.67	33.06	0.39	0.007	AGAT_FAICP		
		Medium-coarse grained biotite and amphibole within a medium-coarse grained quartz and feldspar matrix. Fine grained disseminated pyrrhotite and pyrite throughout associated with the margins of biotite and amphibole crystals.	D59505	33.06	34	0.94	0.006	AGAT_FAICP		
			D59507	34	35	1	0.01	AGAT_FAICP		
			D59508	35	36	1	0.009	AGAT_FAICP		
			D59509	36	36.42	0.42	0.007	AGAT_FAICP		
36.42	36.72	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D59510	36.42	36.72	0.3	0.005	AGAT_FAICP		
		Thin LAMP dike splitting a thicker FGS unit.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
36.72	47.70	(FGS) Felsic Gneiss Sedimentary, ()	D59511	36.72	38	1.28	0.005	AGAT_FAICP		
		Medium-coarse grained biotite and amphibole within a medium-coarse grained quartz and feldspar matrix. Fine grained disseminated pyrrhotite and pyrite throughout associated with the margins of biotite and amphibole crystals.	D59513	38	39	1	0.002	AGAT_FAICP		
			D59514	39	40	1	0.003	AGAT_FAICP		
			D59515	40	41	1	0.006	AGAT_FAICP		
			D59516	41	42	1	0.014	AGAT_FAICP		
			D59517	42	43	1	0.018	AGAT_FAICP		
			D59519	43	44	1	0.012	AGAT_FAICP		
			D59520	44	45	1	0.013	AGAT_FAICP		
			D59521	45	46	1	0.009	AGAT_FAICP		
			D59522	46	47	1	0.008	AGAT_FAICP		
			D59523	47	47.7	0.7	0.007	AGAT_FAICP		
47.70	49.44	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D59524	47.7	48.65	0.95	0.004	AGAT_FAICP		
		Fine to medium grained lamprophyre with chill margins.	D59525	48.65	49.44	0.79	0.005	AGAT_FAICP		
49.44	50.42	(FGS) Felsic Gneiss Sedimentary, ()	D59527	49.44	50	0.56	0.024	AGAT_FAICP		
		MCG weakly to moderately foliated FGS. Trace sulphides. LampD 50.1-50.14m.	D59528	50	50.42	0.42	0.026	AGAT_FAICP		
50.42	52.16	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D59529	50.42	51.3	0.88	0.01	AGAT_FAICP		
		FMG lamprophyre with green chill margins. No visible sulphides.	D59530	51.3	52.16	0.86	0.005	AGAT_FAICP		
52.16	54.94	(FGS) Felsic Gneiss Sedimentary, ()	D59531	52.16	53.07	0.91	0.009	AGAT_FAICP		
		MCG moderately foliated FGS. Minor sulphides.	D59533	53.07	54	0.93	0.01	AGAT_FAICP		
			D59534	54	54.94	0.94	0.01	AGAT_FAICP		
54.94	55.29	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D59535	54.94	55.29	0.35	0.004	AGAT_FAICP		
		FMG lamprophyre. No visible sulphides.								
55.29	58.26	(FGS) Felsic Gneiss Sedimentary, ()	D59536	55.29	56.2	0.91	0.01	AGAT_FAICP		
		MCG moderately foliated FGS. Minor sulphides. Minor AM.	D59537	56.2	57.19	0.99	0.007	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D59539	57.19	58.26	1.07	0.014	AGAT_FAICP		
58.26	58.78	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) MG intermediate amphibolite. Trace sulphides. PEG at lower contact.	D59540	58.26	58.78	0.52	0.008	AGAT_FAICP		
58.78	59.28	(FGS) Felsic Gneiss Sedimentary, () MCG moderately foliated FGS. Weakly developed melt texture. Trace sulphides.	D59541	58.78	59.28	0.5	0.011	AGAT_FAICP		
59.28	61.37	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) MG moderately foliated intermediate amphibolite. Minor sulphides.	D59542	59.28	60	0.72	0.016	AGAT_FAICP		
			D59543	60	60.8	0.8	0.031	AGAT_FAICP		
			D59544	60.8	61.37	0.57	0.037	AGAT_FAICP		
61.37	75.31	(FGS) Felsic Gneiss Sedimentary, () MCG moderately foliated FGS. Weakly developed melt texture.	D59545	61.37	62.4	1.03	0.037	AGAT_FAICP		
			D59547	62.4	63.3	0.9	0.042	AGAT_FAICP		
			D59548	63.3	64.2	0.9	0.025	AGAT_FAICP		
			D59549	64.2	65.1	0.9	0.009	AGAT_FAICP		
			D59550	65.1	66	0.9	0.007	AGAT_FAICP		
			D59551	66	67	1	0.008	AGAT_FAICP		
			D59560	72.8	73.5	0.7	0.005	AGAT_FAICP		
			D59561	73.5	74.4	0.9	0.007	AGAT_FAICP		
			D59562	74.4	75.31	0.91	0.005	AGAT_FAICP		
			D59553	67	68	1	0.011	AGAT_FAICP		
			D59554	68	69	1	0.018	AGAT_FAICP		
			D59555	69	70.1	1.1	0.014	AGAT_FAICP		
			D59556	70.1	71	0.9	0.011	AGAT_FAICP		
			D59557	71	71.9	0.9	0.011	AGAT_FAICP		
			D59559	71.9	72.8	0.9	0.05	AGAT_FAICP		
75.31	76.90	(UMD) UMLAMP Dikey, (LAMPD) UMD - Lamprophyre Dyke FMG lamprophyre with green chill margins. FGS 76.28-76.29m and 76.48-76.54m. No visible sulphides.	D59563	75.31	76.2	0.89	0.003	AGAT_FAICP		
			D59564	76.2	76.9	0.7	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
76.90	78.97	(FGS) Felsic Gneiss Sedimentary, ()	D59565	76.9	77.35	0.45	0.007	AGAT_FAICP		
		Medium grained moderately foliated FGS. Weakly developed melt texture with intervals of PEG. Crosscutting lamprophyre 77.22-77.35m.	D59567	77.35	78.2	0.85	0.024	AGAT_FAICP		
			D59568	78.2	78.97	0.77	0.11	AGAT_FAICP		
78.97	79.88	(UMD) UMLAMP DiKE, (LAMPD) UMD - Lamprophyre Dyke	D59569	78.97	79.3	0.33	0.033	AGAT_FAICP		
		FMG lamprophyre dyke. FGS 79.13-79.17m.	D59570	79.3	79.88	0.58	0.009	AGAT_FAICP		
79.88	86.38	(FGS) Felsic Gneiss Sedimentary, ()	D59571	79.88	80.45	0.57	0.062	AGAT_FAICP		
		Medium grained weakly to moderately foliated FGS. Weakly developed melt texture with intervals of PEG. Crosscutting lamprophyre 82.67-82.8m.	D59573	80.45	81.4	0.95	0.048	AGAT_FAICP		
			D59574	81.4	82.4	1	0.024	AGAT_FAICP		
			D59575	82.4	83.4	1	0.034	AGAT_FAICP		
			D59576	83.4	84.4	1	0.066	AGAT_FAICP		
			D59577	84.4	85.4	1	0.044	AGAT_FAICP		
			D59579	85.4	86.38	0.98	0.036	AGAT_FAICP		
86.38	88.23	(UMD) UMLAMP DiKE, (LAMPD) UMD - Lamprophyre Dyke	D59580	86.38	87.12	0.74	0.005	AGAT_FAICP		
		Fine to medium grained lamprophyre. FGS 87.12-87.29m; 87.43-87.49m. Trace PY.	D59581	87.12	87.6	0.48	0.009	AGAT_FAICP		
			D59582	87.6	88.23	0.63	0.005	AGAT_FAICP		
88.23	92.06	(FGS) Felsic Gneiss Sedimentary, ()	D59583	88.23	88.93	0.7	0.013	AGAT_FAICP		
		MCG moderately foliated FGS. Weakly developed melt texture with QV and PEG intervals.	D59584	88.93	89.77	0.84	0.01	AGAT_FAICP		
			D59585	89.77	90.77	1	0.013	AGAT_FAICP		
			D59587	90.77	91.43	0.66	0.012	AGAT_FAICP		
			D59588	91.43	92.06	0.63	0.007	AGAT_FAICP		
92.06	92.48	(UMD) UMLAMP DiKE, (LAMPD) UMD - Lamprophyre Dyke	D59589	92.06	92.48	0.42	0.003	AGAT_FAICP		
		FMG lamprophyre with green chill margins.								
92.48	94.83	(FGS) Felsic Gneiss Sedimentary, ()	D59590	92.48	93.28	0.8	0.007	AGAT_FAICP		
		MCG moderately foliated FGS. PEG 94.3-94.45m. Uneven upper contact.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D59591	93.28	94	0.72	0.003	AGAT_FAICP		
			D59593	94	94.83	0.83	0.005	AGAT_FAICP		
94.83	95.39	(UMD) UMLAMP Di	D59594	94.83	95.39	0.56	0.003	AGAT_FAICP		
		(LAMPD) UMD - Lamprophyre Dyke								
		Fine grained lamprophyre; dominantly green chill margins. FGS comprises about half of core axis 95-95.15m.								
95.39	99.29	(FGS) Felsic Gneiss Sedimentary, ()	D59595	95.39	96.33	0.94	0.031	AGAT_FAICP		
		FMG moderately foliated FGS. Weakly developed melt teture near upper contact with intermixing PEG. QV and PEG intervals as well. Abundant carbonate veinlets with alteration halos.	D59596	96.33	97.26	0.93	0.123	AGAT_FAICP		
			D59597	97.26	98.31	1.05	0.021	AGAT_FAICP		
			D59599	98.31	99.29	0.98	0.011	AGAT_FAICP		
99.29	99.69	(UMD) UMLAMP Di	D59600	99.29	99.69	0.4	0.005	AGAT_FAICP		
		(LAMPD) UMD - Lamprophyre Dyke								
		FG lamprophyre dyke with green chill margins.								
99.69	100.19	(FGS) Felsic Gneiss Sedimentary, ()	D59601	99.69	100.19	0.5	0.01	AGAT_FAICP		
		FMG altered FGS between two crosscutting lamprophyres. Pink and white PEG 99.83-99.9m.								
100.19	100.80	(UMD) UMLAMP Di	D59602	100.19	100.8	0.61	0.004	AGAT_FAICP		
		(LAMPD) UMD - Lamprophyre Dyke								
		FMG lamprophyre with green and yellow chill margins.								
100.80	102.90	(FGS) Felsic Gneiss Sedimentary, ()	D59603	100.8	101.64	0.84	0.005	AGAT_FAICP		
		FMG moderately foliated FGS. Intermixing bands of PEG that are commonly parallel. UMD 101.75-101.81m.	D59604	101.64	102.3	0.66	0.006	AGAT_FAICP		
			D59605	102.3	102.9	0.6	0.006	AGAT_FAICP		
102.90	103.29	(UMD) UMLAMP Di	D59607	102.9	103.29	0.39	0.004	AGAT_FAICP		
		(LAMPD) UMD - Lamprophyre Dyke								
		FMG lamprophyre dyke with green chill margins.								
103.29	106.06	(FGS) Felsic Gneiss Sedimentary, ()	D59608	103.29	104.3	1.01	0.008	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Fine to medium grained moderately to strongly foliated FGS. UMD 105.6-105.7m; 105.91-106.6m. Sulphides commonly parallel to foliation.	D59609	104.3	105.25	0.95	0.005	AGAT_FAICP		
			D59610	105.25	106.06	0.81	0.006	AGAT_FAICP		
106.06	107.20	(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGGR) Granitic Pegmatite (<50% quartz)	D59611	106.06	107.2	1.14	0.006	AGAT_FAICP		
		Dominantly PEG with intermixing FGS. FGS 106.34-106.51m; 106.67-106.84; 106.94-107.12m. Uneven upper contact.								
107.20	107.58	(FGS) Felsic Gneiss Sedimentary, ()	D59613	107.2	107.58	0.38	0.008	AGAT_FAICP		
		Medium grained moderately foliated FGS.								
107.58	108.40	(PEG) Pegmatite, ()	D59614	107.58	108.4	0.82	0.006	AGAT_FAICP		
		PEG. Upper contact has intermixing bands of FGS.								
108.40	111.00	(FGS) Felsic Gneiss Sedimentary, ()	D59615	108.4	109.34	0.94	0.006	AGAT_FAICP		
		Medium grained moderately foliated FGS. Crosscutting lamprophyre 109.91-109.94m and 110.1-110.23m.	D59616	109.34	110.26	0.92	0.007	AGAT_FAICP		
			D59617	110.26	111	0.74	0.009	AGAT_FAICP		
111.00	111.82	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D59619	111	111.82	0.82	0.005	AGAT_FAICP		
		MG lamprophyre with green and yellow chill margins.								
111.82	112.82	(FGS) Felsic Gneiss Sedimentary, ()	D59620	111.82	112.82	1	0.007	AGAT_FAICP		
		FMG moderately foliated FGS. Two narrow quartz veins; no sulphides associated with them.								
112.82	113.70	(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGGR) Granitic Pegmatite (<50% quartz)	D59621	112.82	113.7	0.88	0.006	AGAT_FAICP		
		PEG intermixing FMG moderately foliated FGS. Contacts are commonly parallel to foliation (~45).								
113.70	114.00	(FGS) Felsic Gneiss Sedimentary, ()	D59622	113.7	114	0.3	0.008	AGAT_FAICP		
		FMG moderately foliated FGS.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
114.00	114.45	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Lamprophyre with green chill margins.	D59623	114	114.45	0.45	0.005	AGAT_FAICP		
114.45	114.80	(FGS) Felsic Gneiss Sedimentary, () FMG moderately foliated FGS. PEG 114.3-114.36m.	D59624	114.45	114.8	0.35	0.007	AGAT_FAICP		
114.80	115.28	(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGGR) Granitic Pegmatite (<50% quartz) PEG intermixing FMG moderately foliated FGS.	D59625	114.8	115.28	0.48	0.006	AGAT_FAICP		
115.28	117.95	(FGS) Felsic Gneiss Sedimentary, () FMG moderately foliated FGS. Common carbonate veinlets with alteration halos. Two narrow lamprophyres near upper contact (~1cm wide each).	D59627	115.28	116.21	0.93	0.008	AGAT_FAICP		
			D59628	116.21	117	0.79	0.01	AGAT_FAICP		
			D59629	117	117.95	0.95	0.013	AGAT_FAICP		
117.95	118.88	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Lamprophyre dyke with green chill margins. PEG 118.49-118.63m.	D59630	117.95	118.88	0.93	0.005	AGAT_FAICP		
118.88	119.51	(FGS) Felsic Gneiss Sedimentary, () FMG moderately foliated FGS.	D59631	118.88	119.51	0.63	0.015	AGAT_FAICP		
119.51	123.57	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Granitic PEG. Lamprophyre 120.77-121.01m; FGS 121.09-121.4m; lamprophyre 122.07-122.3.	D59633	119.51	120.21	0.7	0.004	AGAT_FAICP		
			D59634	120.21	120.77	0.56	0.004	AGAT_FAICP		
			D59635	120.77	121.4	0.63	0.008	AGAT_FAICP		
			D59636	121.4	122.05	0.65	0.04	AGAT_FAICP		
			D59637	122.05	122.5	0.45	0.005	AGAT_FAICP		
			D59639	122.5	123	0.5	0.004	AGAT_FAICP		
			D59640	123	123.57	0.57	0.006	AGAT_FAICP		
123.57	124.44	(UMD) UMLAMP Dike, () Lamprophyre with green chill margins. PEG 124.12-124.26m.	D59641	123.57	124.44	0.87	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
124.44	129.07	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) PEG. FMG moderately foliated FGS 125.37-125.44m; 125.57-125.82m; 128.4-128.54m. 70% FGS and 30% PEG 126.8-127.16m.	D59642	124.44	125.13	0.69	0.005	AGAT_FAICP		
			D59643	125.13	125.9	0.77	0.005	AGAT_FAICP		
			D59644	125.9	126.78	0.88	0.004	AGAT_FAICP		
			D59645	126.78	127.46	0.68	0.008	AGAT_FAICP		
			D59647	127.46	128.35	0.89	0.004	AGAT_FAICP		
			D59648	128.35	129.07	0.72	0.009	AGAT_FAICP		
129.07	131.60	(FGS) Felsic Gneiss Sedimentary, () FMG moderately foliated FGS. PEG 129.54-129.6m; 129.97-130.17m; 130.57-130.61m.	D59649	129.07	129.9	0.83	0.006	AGAT_FAICP		
			D59650	129.9	130.7	0.8	0.004	AGAT_FAICP		
			D59651	130.7	131.6	0.9	0.003	AGAT_FAICP		
131.60	132.17	(UMD) UMLAMP Dikey, (LAMPD) UMD - Lamprophyre Dyke lamprophyre dyke with green chill margins.	D59653	131.6	132.17	0.57	0.004	AGAT_FAICP		
132.17	135.16	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) PEG.	D59654	132.17	133.1	0.93	0.003	AGAT_FAICP		
			D59655	133.1	134.1	1	0.003	AGAT_FAICP		
			D59656	134.1	135.16	1.06	0.004	AGAT_FAICP		
135.16	135.66	(UMD) UMLAMP Dikey, (LAMPD) UMD - Lamprophyre Dyke Lamprophyre dyke with green and yellow chill margins.	D59657	135.16	135.66	0.5	0.005	AGAT_FAICP		
135.66	136.64	(FGS) Felsic Gneiss Sedimentary, () FMG moderately foliated FGS.	D59659	135.66	136.64	0.98	0.009	AGAT_FAICP		
136.64	138.20	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) PEG. Healed fractures near lower contact with UMD. Lamprophyre 137.03-137.16m. Trace sulphides.	D59660	136.64	137.25	0.61	0.011	AGAT_FAICP		
			D59661	137.25	138.2	0.95	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
138.20	139.30	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Lamprophyre dyke with green chill margins.	D59662	138.2	139.3	1.1	0.004	AGAT_FAICP		
139.30	141.07	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) PEG. Healed fractures near upper contact with UMD.	D59663	139.3	140.21	0.91	0.05	AGAT_FAICP		
			D59664	140.21	141.07	0.86	0.003	AGAT_FAICP		
141.07	142.24	(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, () MG moderately foliated FGS with trace sulphides. Intermixing PEG with no visible sulphides. Uneven upper contact.	D59665	141.07	141.71	0.64	0.009	AGAT_FAICP		
			D59667	141.71	142.24	0.53	0.011	AGAT_FAICP		
142.24	143.61	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) PEG. No visible sulphides. Uneven upper contact.	D59668	142.24	142.9	0.66	0.003	AGAT_FAICP		
			D59669	142.9	143.61	0.71	0.005	AGAT_FAICP		
143.61	152.39	(FGS) Felsic Gneiss Sedimentary, () Medium grained moderately foliated FGS. PEG intervals and quartz veins (~2cm wide) throughout. Lamprophyre crosscutting 146.77-146.82; 146.9-147.07m. Uneven upper contact.	D59670	143.61	144.5	0.89	0.022	AGAT_FAICP		
			D59671	144.5	145.5	1	0.009	AGAT_FAICP		
			D59673	145.5	146.44	0.94	0.006	AGAT_FAICP		
			D59674	146.44	147.07	0.63	0.003	AGAT_FAICP		
			D59675	147.07	148.1	1.03	0.005	AGAT_FAICP		
			D59676	148.1	149.12	1.02	0.008	AGAT_FAICP		
			D59677	149.12	150	0.88	0.006	AGAT_FAICP		
			D59679	150	151	1	0.004	AGAT_FAICP		
			D59680	151	152	1	0.004	AGAT_FAICP		
			D59681	152	152.39	0.39	0.002	AGAT_FAICP		
152.39	154.03	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Lamprophyre dyke with green chill margins. FGS and PEG 153.42-153.64m.	D59682	152.39	153	0.61	0.002	AGAT_FAICP		
			D59683	153	153.64	0.64	0.002	AGAT_FAICP		
			D59684	153.64	154.03	0.39	0.006	AGAT_FAICP		
154.03	156.35	(FGS) Felsic Gneiss Sedimentary, () Medium grained moderately foliated FGS. Intermixing PEG.	D59685	154.03	154.95	0.92	0.01	AGAT_FAICP		
			D59687	154.95	155.63	0.68	0.01	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D59688	155.63	156.35	0.72	0.005	AGAT_FAICP		
156.35	157.23	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) PEG with no visible sulphides. FGS 156.94-157.02m. Uneven upper contact.	D59689	156.35	157.23	0.88	0.003	AGAT_FAICP		
157.23	157.96	(FGS) Felsic Gneiss Sedimentary, () FMG moderately to well foliated FGS.	D59690	157.23	157.96	0.73	0.002	AGAT_FAICP		
157.96	158.95	(PEG) Pegmatite, () PEG with sulphides. FGS with folded QV 158.25-158.54m.	D59691	157.96	158.95	0.99	0.004	AGAT_FAICP		
158.95	159.57	(FGS) Felsic Gneiss Sedimentary, () FMG moderately to well foliated FGS.	D59693	158.95	159.57	0.62	0.008	AGAT_FAICP		
159.57	170.06	(FGS) Felsic Gneiss Sedimentary, () MCG weakly to moderately foliated FGS with quartz eyes. Crosscutting lamprophyre 162.46-162.58m. QV and PEG intervals throughout.	D59694	159.57	160.59	1.02	0.001	AGAT_FAICP		
			D59695	160.59	161.61	1.02	0.001	AGAT_FAICP		
			D59696	161.61	162.32	0.71	0.001	AGAT_FAICP		
			D59697	162.32	163.35	1.03	0.008	AGAT_FAICP		
			D59699	163.35	164.3	0.95	0.002	AGAT_FAICP		
			D59700	164.3	165.2	0.9	0.001	AGAT_FAICP		
			D59708	169.73	170.06	0.33	0.001	AGAT_FAICP		
			D59701	165.2	166.1	0.9	0.002	AGAT_FAICP		
			D59702	166.1	166.8	0.7	0.001	AGAT_FAICP		
			D59703	166.8	167.6	0.8	0.003	AGAT_FAICP		
			D59704	167.6	168.35	0.75	0.003	AGAT_FAICP		
			D59705	168.35	169.03	0.68	0.002	AGAT_FAICP		
			D59707	169.03	169.73	0.7	0.001	AGAT_FAICP		
170.06	171.00	(UMD) UMLAMP Dikey, (LAMPD) UMD - Lamprophyre Dyke Green lamprophyre dyke. Fault gouge 170.78-170.85m.	D59709	170.06	171	0.94	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
171.00	175.54	(FGS) Felsic Gneiss Sedimentary, () MCG weakly to moderately foliated FGS. Rare bands (1-2cm wide) of AM; rare AM throughout. Two PEG intervals.	D59710	171	171.98	0.98	0.003	AGAT_FAICP		
			D59711	171.98	173	1.02	0.002	AGAT_FAICP		
			D59713	173	174	1	0.002	AGAT_FAICP		
			D59714	174	174.61	0.61	0.009	AGAT_FAICP		
			D59715	174.61	175.54	0.93	0.002	AGAT_FAICP		
175.54	178.12	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) PEG with no visible sulphides.	D59716	175.54	176.48	0.94	0.001	AGAT_FAICP		
			D59717	176.48	177.2	0.72	0.003	AGAT_FAICP		
			D59719	177.2	178.12	0.92	0.004	AGAT_FAICP		
178.12	181.60	(FGS) Felsic Gneiss Sedimentary, () MCG weakly to moderately foliated FGS. 80% PEG 179.82-180.21m with contacts close to core axis and FGS.	D59720	178.12	179	0.88	0.002	AGAT_FAICP		
			D59721	179	179.82	0.82	0.001	AGAT_FAICP		
			D59722	179.82	180.44	0.62	0.002	AGAT_FAICP		
			D59723	180.44	181	0.56	0.002	AGAT_FAICP		
			D59724	181	181.6	0.6	0.002	AGAT_FAICP		
181.60	183.36	(PEG) Pegmatite, () PEG with no visible sulphides. FGS 182.24-182.4m.	D59725	181.6	182.4	0.8	0.006	AGAT_FAICP		
			D59727	182.4	183.36	0.96	0.004	AGAT_FAICP		
183.36	184.74	(FGS) Felsic Gneiss Sedimentary, () MCG weakly foliated FGS with quartz eyes. Strong alteration that appears to be associated with dyke chill margins 183.48-183.67m; no lamprophyre visible.	D59728	183.36	184.2	0.84	0.001	AGAT_FAICP		
			D59729	184.2	184.74	0.54	0.001	AGAT_FAICP		
184.74	185.32	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) PEG with trace PY. Upper contact almost parallel to core axis.	D59730	184.74	185.32	0.58	0.001	AGAT_FAICP		
185.32	185.95	(FGS) Felsic Gneiss Sedimentary, () FCG weakly to moderately foliated FGS. Texture is similar to FGS above but finer grained; similar to DIO texture. No visible sulphides.	D59731	185.32	185.95	0.63	0.0005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
185.95	187.35	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D59733	185.95	186.6	0.65	0.002	AGAT_FAICP		
		Green and yellow lamprophyre dyke (dominantly chill margin?). Strongly altered intervals with other lithologies comprising ~half of core axis; likely FGS but impossible to tell. PEG 186.88-186.98m.	D59734	186.6	187.35	0.75	0.002	AGAT_FAICP		
187.35	188.85	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D59735	187.35	188.17	0.82	0.005	AGAT_FAICP		
		PEG with trace sulphides. Brecciated at upper contact with lamprophyre. FGS 188.25-188.4m.	D59736	188.17	188.85	0.68	0.002	AGAT_FAICP		
188.85	190.12	(FGS) Felsic Gneiss Sedimentary, ()	D59737	188.85	189.5	0.65	0.001	AGAT_FAICP		
		MCG massive to weakly foliated FGS.	D59739	189.5	190.12	0.62	0.003	AGAT_FAICP		
190.12	190.83	(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGGR) Granitic Pegmatite (<50% quartz)	D59740	190.12	190.83	0.71	0.002	AGAT_FAICP		
		Upper contact at very low angle to core axis; Intervals of FGS throughout.								
190.83	191.46	(FGS) Felsic Gneiss Sedimentary, ()	D59741	190.83	191.46	0.63	0.002	AGAT_FAICP		
		FCG massive to weakly foliated FGS with quartz eyes. Upper contact is uneven and almost parallel to core axis.								
191.46	197.46	(PEG) Pegmatite, ()	D59742	191.46	192.4	0.94	0.003	AGAT_FAICP		
		PEG with trace PY. Uneven contact almost parallel to core axis.	D59743	192.4	193.42	1.02	0.002	AGAT_FAICP		
			D59744	193.42	194.33	0.91	0.003	AGAT_FAICP		
			D59745	194.33	195.36	1.03	0.003	AGAT_FAICP		
			D59747	195.36	196.49	1.13	0.005	AGAT_FAICP		
			D59748	196.49	197.46	0.97	0.003	AGAT_FAICP		
197.46	198.15	(FGS) Felsic Gneiss Sedimentary, ()	D59749	197.46	198.15	0.69	0.008	AGAT_FAICP		
		MG moderately foliated FGS. QV 147.74-147.85m.								
198.15	198.60	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D59750	198.15	198.6	0.45	0.005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
PEG with no visible sulphides.. Uneven upper contact.										
198.60	200.89	(FGS) Felsic Gneiss Sedimentary, ()	D59751	198.6	199.62	1.02	0.017	AGAT_FAICP		
MG moderately to strongly foliated FGS. Boudinaged quartz veining.			D59753	199.62	200.1	0.48	0.015	AGAT_FAICP		
			D59754	200.1	200.89	0.79	0.023	AGAT_FAICP		
200.89	202.19	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D59755	200.89	201.63	0.74	0.003	AGAT_FAICP		
PEG with no visible sulphides. Rare GA throughout.			D59756	201.63	202.19	0.56	0.004	AGAT_FAICP		
202.19	208.78	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	D59757	202.19	203.2	1.01	0.036	AGAT_FAICP		
FMG well foliated AMP with garnets and patchy cpx; footwall AMP. Rare quartz veins; one boudinaged QV.			D59759	203.2	204	0.8	0.004	AGAT_FAICP		
			D59760	204	205	1	0.005	AGAT_FAICP		
			D59761	205	205.8	0.8	0.034	AGAT_FAICP		
			D59762	205.8	206.8	1	0.003	AGAT_FAICP		
			D59763	206.8	207.74	0.94	0.003	AGAT_FAICP		
			D59764	207.74	208.78	1.04	0.002	AGAT_FAICP		
208.78	214.58	(PEG) Pegmatite, ()	D59765	208.78	209.74	0.96	0.028	AGAT_FAICP		
PEG with no visible sulphides. FGS comprises about half of core 210.3-210.52m.			D59767	209.74	210.6	0.86	0.007	AGAT_FAICP		
			D59768	210.6	211.6	1	0.007	AGAT_FAICP		
			D59769	211.6	212.6	1	0.001	AGAT_FAICP		
			D59770	212.6	213.56	0.96	0.002	AGAT_FAICP		
			D59771	213.56	214.58	1.02	0.002	AGAT_FAICP		
214.58	214.94	(FGS) Felsic Gneiss Sedimentary, ()	D59773	214.58	214.94	0.36	0.01	AGAT_FAICP		
FMG moderately to strongly foliated FGS. QV (~1cm) with cpx at contact.										
214.94	217.86	(PEG) Pegmatite, ()	D59774	214.94	216	1.06	0.003	AGAT_FAICP		
PEG with no visible sulphides. Finer grained and strongly altered 217.6-217.86m; likely amphibolite.			D59775	216	217	1	0.002	AGAT_FAICP		
			D59776	217	217.86	0.86	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
217.86	219.25	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Lamprophyre dyke with green chill margins. Occasional carbonate veinlets.	D59777	217.86	218.53	0.67	0.001	AGAT_FAICP		
			D59779	218.53	219.25	0.72	0.002	AGAT_FAICP		
219.25	221.19	(FGS) Felsic Gneiss Sedimentary, () FMG moderately to strongly foliated FGS. Strongly altered at upper contact with lamprophyre.	D59780	219.25	220.2	0.95	0.006	AGAT_FAICP		
			D59781	220.2	221.19	0.99	0.008	AGAT_FAICP		
221.19	222.60	(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, () Banded unit of FGS and AMP. Bands are parallel to foliation.	D59782	221.19	221.91	0.72	0.008	AGAT_FAICP		
			D59783	221.91	222.6	0.69	0.003	AGAT_FAICP		
222.60	225.00	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite FMG moderately to strongly altered AMP with GA and cpx. PEG (possible tension gash) 222.89-223.09m.	D59784	222.6	223.4	0.8	0.004	AGAT_FAICP		
			D59785	223.4	224.2	0.8	0.005	AGAT_FAICP		
			D59787	224.2	225	0.8	0.007	AGAT_FAICP		
225.00	227.87	(PEG) Pegmatite, () PEG with no visible sulphides. Rare healed fractures.	D59788	225	226	1	0.026	AGAT_FAICP		
			D59789	226	226.97	0.97	0.003	AGAT_FAICP		
			D59790	226.97	227.87	0.9	0.003	AGAT_FAICP		
227.87	228.53	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite FMG moderately foliated AMP.	D59791	227.87	228.53	0.66	0.007	AGAT_FAICP		
228.53	235.63	(PEG) Pegmatite, () PEG with no visible sulphides. Rare garnets throughout.	D59793	228.53	229.48	0.95	0.001	AGAT_FAICP		
			D59794	229.48	230.6	1.12	0.008	AGAT_FAICP		
			D59795	230.6	231.6	1	0.001	AGAT_FAICP		
			D59796	231.6	232.6	1	0.035	AGAT_FAICP		
			D59797	232.6	233.6	1	0.001	AGAT_FAICP		
			D59799	233.6	234.6	1	0.001	AGAT_FAICP		
			D59800	234.6	235.63	1.03	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
235.63	236.27	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite FMG moderately foliated AMP.	D59801	235.63	236.27	0.64	0.002	AGAT_FAICP		
236.27	236.95	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke lamprophyre dyke with common carbonate veinlets.	D59802	236.27	236.95	0.68	0.001	AGAT_FAICP		
236.95	256.32	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite FMG AMP with garnets and cpx. Narrow quartz veins; folds (F1 and F2).	D59803	236.95	238	1.05	0.003	AGAT_FAICP		
			D59804	238	239	1	0.003	AGAT_FAICP		
			D59805	239	240	1	0.002	AGAT_FAICP		
			D59807	240	241	1	0.002	AGAT_FAICP		
			D59808	241	242	1	0.002	AGAT_FAICP		
			D59809	242	243	1	0.002	AGAT_FAICP		
			D59824	254.06	254.8	0.74	0.002	AGAT_FAICP		
			D59825	254.8	255.47	0.67	0.003	AGAT_FAICP		
			D59827	255.47	256.32	0.85	0.005	AGAT_FAICP		
			D59817	249	250	1	0.01	AGAT_FAICP		
			D59819	250	251	1	0.004	AGAT_FAICP		
			D59820	251	251.6	0.6	0.002	AGAT_FAICP		
			D59821	251.6	252.1	0.5	0.003	AGAT_FAICP		
			D59822	252.1	253	0.9	0.002	AGAT_FAICP		
			D59823	253	254.06	1.06	0.003	AGAT_FAICP		
			D59810	243	243.96	0.96	0.002	AGAT_FAICP		
			D59811	243.96	245.05	1.09	0.007	AGAT_FAICP		
			D59813	245.05	246	0.95	0.003	AGAT_FAICP		
			D59814	246	246.93	0.93	0.004	AGAT_FAICP		
			D59815	246.93	248	1.07	0.004	AGAT_FAICP		
			D59816	248	249	1	0.003	AGAT_FAICP		
256.32	262.35	(PEG) Pegmatite, () PEG with sulphides. FGS 258.61-258.76m. Alteration at upper contact prevents measurement.	D59828	256.32	257.3	0.98	0.01	AGAT_FAICP		
			D59829	257.3	258	0.7	0.003	AGAT_FAICP		
			D59830	258	259	1	0.013	AGAT_FAICP		
			D59831	259	260	1	0.003	AGAT_FAICP		
			D59833	260	260.8	0.8	0.003	AGAT_FAICP		
			D59834	260.8	261.47	0.67	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D59835	261.47	262.35	0.88	0.006	AGAT_FAICP		
262.35	263.27	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Lamprophyre with green chill margins.	D59836	262.35	263.27	0.92	0.002	AGAT_FAICP		
263.27	264.70	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) PEG with no visible sulphides.	D59837	263.27	264	0.73	0.002	AGAT_FAICP		
			D59839	264	264.7	0.7	0.005	AGAT_FAICP		
264.70	265.70	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Lamprophyre with green chill margins.	D59840	264.7	265.7	1	0.007	AGAT_FAICP		
265.70	276.00	(PEG) Pegmatite, () Peg. Common healed fractures almost parallel to core. Weakly brecciated at about 273.64m. Crosscutting lamprhyres throughout; commonly 102cm wide; 267.61-267.88m; 268.03-268.13m.	D59841	265.7	266.5	0.8	0.002	AGAT_FAICP		
			D59842	266.5	267.5	1	0.001	AGAT_FAICP		
			D59843	267.5	268.3	0.8	0.002	AGAT_FAICP		
			D59844	268.3	269.29	0.99	0.004	AGAT_FAICP		
			D59845	269.29	270.3	1.01	0.002	AGAT_FAICP		
			D59847	270.3	271.25	0.95	0.003	AGAT_FAICP		
			D59848	271.25	272.2	0.95	0.003	AGAT_FAICP		
			D59849	272.2	273	0.8	0.003	AGAT_FAICP		
			D59850	273	274	1	0.002	AGAT_FAICP		
			D59851	274	275	1	0.002	AGAT_FAICP		
			D59853	275	276	1	0.001	AGAT_FAICP		
276.00	276.34	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) FMG well foliated intermediate amphibolite. No visible sulphides.	D59854	276	276.34	0.34	0.001	AGAT_FAICP		
276.34	276.79	(FGS) Felsic Gneiss Sedimentary, () FMG FGS appears to be quite massive. No visible sulphides.	D59855	276.34	276.79	0.45	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
276.79	279.14	(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, () PEG intermixing massive FGS above and below. Trace PO associated with FGS; no visible sulphides in PEG.	D59856	276.79	277.66	0.87	0.001	AGAT_FAICP		
			D59857	277.66	278.2	0.54	0.002	AGAT_FAICP		
			D59859	278.2	279.14	0.94	0.002	AGAT_FAICP		
279.14	281.26	(FGS) Felsic Gneiss Sedimentary, () FMG massive FGS. Alteration throughout; common healed fractures with weak breccia at about 280.7m.	D59860	279.14	280.2	1.06	0.005	AGAT_FAICP		
			D59861	280.2	281.26	1.06	0.006	AGAT_FAICP		
281.26	286.75	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite AMP with GA and cpx. Upper contact with FGS is not visible due to alteration. Short UMD contained from 285.69 - 285.85 m's with an upper contact of A 18 B 205. Short QV2 contained within unit. See veining tab.	D59862	281.26	282.3	1.04	0.002	AGAT_FAICP		
			D59863	282.3	283.2	0.9	0.003	AGAT_FAICP		
			D59864	283.2	284.19	0.99	0.005	AGAT_FAICP		
			D59865	284.19	285.42	1.23	0.005	AGAT_FAICP		
			D59867	285.42	286.3	0.88	0.003	AGAT_FAICP		
			D59868	286.3	286.75	0.45	0.008	AGAT_FAICP		
286.75	287.14	(UMD) UMLAMP Dike, () Ultramafic dyke is fine grained with moderate to strong chloritic and sericitic alteration.	D59869	286.75	287.14	0.39	0.004	AGAT_FAICP		
287.14	294.31	(AMP) Amphibolite, () Fine grained amphibolite with low sulphide content. Po 70/ Py 30 %. Thin barren quartz veins crosscut the unit throughout. Occasional thin UM dykes also present. Unit is moderate to strongly foliated. Minor cpx content and very low garnet content.	D59870	287.14	288.59	1.45	0.005	AGAT_FAICP		
			D59871	288.59	290.01	1.42	0.002	AGAT_FAICP		
			D59873	290.01	291.41	1.4	0.004	AGAT_FAICP		
			D59874	291.41	292.87	1.46	0.003	AGAT_FAICP		
			D59875	292.87	294.31	1.44	0.008	AGAT_FAICP		
294.31	295.37	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite Amphibolite contains a sharp increase in garnet and cpx content. Aggregates are not as large as typical AMPFW but logged as an AMPFW. Decreased appearance of aggregate size could be a result of the strain intensity Increase in sulphide content Po 70/Py 30 %. A short LAMP is contained from 294.81 - 294.95 with an upper contact of A 36 B 303 and a lower contact of A 39 B 312.	D59876	294.31	294.95	0.64	0.007	AGAT_FAICP		
			D59877	294.95	295.37	0.42	0.007	AGAT_FAICP		
295.37	296.48	(AMP) Amphibolite, () Fine grained amphibolite with low sulphide content. Po 70/ Py 30 %. Thin barren quartz	D59879	295.37	296.48	1.11	0.006	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		veins crosscut the unit throughout. Unit is moderate to strongly foliated. Minor cpx content and very low garnet content.								
296.48	297.16	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	D59880	296.48	297.16	0.68	0.009	AGAT_FAICP		
		Amphibolite contains a sharp increase in garnet and cpx content. Aggregates are not as large as typical AMPFW but logged as an AMPFW. Decreased appearance of aggregate size could be a result of the strain intensity Increase in sulphide content Po 70/Py 30 %.								
297.16	299.18	(AMP) Amphibolite, ()	D59881	297.16	298.6	1.44	0.004	AGAT_FAICP		
		Fine grained amphibolite with low sulphide content. Po 70/ Py 30 %. Thin barren quartz veins crosscut the unit throughout. Unit is moderate to strongly foliated. Minor cpx content and very low garnet content.	D59882	298.6	299.18	0.58	0.023	AGAT_FAICP		
299.18	299.65	(QV) Quartz Vein, (QZVT2) Massive quartz vein	D59883	299.18	299.65	0.47	0.009	AGAT_FAICP		
		QV2 contains very low sulphide content. Occasional fine grained pyrrhotite example. Sections of amphibolite contained within unit. Fine grained amp and cpx within quartz vein.								
299.65	301.40	(AMP) Amphibolite, ()	D59884	299.65	300.4	0.75	0.004	AGAT_FAICP		
		Fine grained amphibolite with low sulphide/cpx and garnet content. Stockwork of moderate sericitic alteration crosscut the unit. A couple thin cm scale lamprophyres are observable.	D59885	300.4	300.9	0.5	0.004	AGAT_FAICP		
			D59887	300.9	301.4	0.5	0.005	AGAT_FAICP		
301.40	302.38	(QV, MAM) Quartz Vein, Mottled Amphibolite, (QZVT1) Quartz flooding +/- AM, PY, PO, etc	D59888	301.4	302.38	0.98	0.002	AGAT_FAICP		
		Strong quartz flooding/veining within amphibolite unit. Veining orientation is at low angle to core; // strong S1. QV1 is laminated (// S1). Sulphide content is low with Po 70/ Py 30 %. Moderate cpx content. In areas with strong silica flooded clear quartz is present. Weak scapolite presence.								
302.38	303.44	(AMP) Amphibolite, ()	D59889	302.38	303.44	1.06	0.001	AGAT_FAICP		
		Amphibolite unit with low to moderate silica flooding/veining. Low sulphide content. Tension gashes/veining observable but are thin. Po 75/Py 25								
303.44	304.00	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D59890	303.44	304	0.56	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
304.00	307.95	(AMP) Amphibolite, ()	D59891	304	304.47	0.47	0.003	AGAT_FAICP		
		Fine grained amphibolite with short sections of AMPFW. One short vein contains glassy quartz but generally low sulphide content (see veining tab). Garnets are massive and found in aggregates within AMPFW sections as well as cpx. Unit overall has a low sulphide percentage.	D59893	304.47	305.09	0.62	0.004	AGAT_FAICP		
			D59894	305.09	305.83	0.74	0.007	AGAT_FAICP		
			D59895	305.83	307.32	1.49	0.006	AGAT_FAICP		
			D59896	307.32	307.95	0.63	0.001	AGAT_FAICP		
307.95	308.45	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D59897	307.95	308.45	0.5	0.001	AGAT_FAICP		
		Short lamprophyre with medium grained xenoliths and vesicles.								
308.45	313.58	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D59899	308.45	309.78	1.33	0.004	AGAT_FAICP		
		Fine grained amphibolite is intermixed with GBFG. Unit contains moderate to strong foliation. Short healed fault breccia present from 308.45 - 308.75 m's. Felsic and amphibole background content is variable throughout. Very low sulphide content with pyrrhotite being the dominant variety Po 85 / Py15 %.	D59900	309.78	311.06	1.28	0.002	AGAT_FAICP		
			D59901	311.06	312.52	1.46	0.008	AGAT_FAICP		
			D59902	312.52	313.23	0.71	0.008	AGAT_FAICP		
313.58	319.60	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	D59903	313.23	314.03	0.8	0.009	AGAT_FAICP		
		AMPFW contains a high garnet content with some reaching up to 10.0 m's. Aggregates of cpx/garnet and amphibole present but with the moderate foliation of the unit they appear smaller scale. Thin lamprophyres crosscut the unit. Low sulphide content Po 85/ Py 15 %.	D59904	314.03	315.08	1.05	0.002	AGAT_FAICP		
		Thin glassy quartz veins are present but contain low sulphide content (see veining tab).	D59905	315.08	316.1	1.02	0.005	AGAT_FAICP		
			D59907	316.1	316.55	0.45	0.002	AGAT_FAICP		
			D59908	316.55	317	0.45	0.004	AGAT_FAICP		
			D59909	317	318.25	1.25	0.017	AGAT_FAICP		
			D59910	318.25	318.9	0.65	0.002	AGAT_FAICP		
			D59911	318.9	319.6	0.7	0.005	AGAT_FAICP		
319.60	320.10	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D59913	319.6	320.1	0.5	0.005	AGAT_FAICP		
320.10	321.74	(AMP) Amphibolite, ()	D59914	320.1	320.94	0.84	0.003	AGAT_FAICP		
		Fine grained amphibolite with low cpx content. Moderate to strong foliation fabric. Short glassy quartz vein present with low sulphide content (see veining tab). Unit overall has low sulphide content with pyrrhotite being dominant over pyrite Po 85 / Py 15. Chalcopyrite is also observable.	D59915	320.94	321.36	0.42	0.005	AGAT_FAICP		
			D59916	321.36	321.74	0.38	0.006	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
321.74	323.93	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	D59917	321.74	322.25	0.51	0.003	AGAT_FAICP		
<p>AMPFW contains a high garnet content with some reaching up to 10.0 mm's. Aggregates of cpx/garnet and amphibole present but with the moderate foliation of the unit they appear smaller scale. Thin lamprophyres crosscut the unit. Low sulphide content Po 85/ Py 15 %. A quartz flooded section from 321.74 - 322.14 has an increase in sulphide content and small scale folding.</p>			D59919	322.25	322.93	0.68	0.005	AGAT_FAICP		
			D59920	322.93	324.4	1.47	0.002	AGAT_FAICP		
323.93	326.30	(AMP) Amphibolite, ()	D59921	324.4	324.84	0.44	0.005	AGAT_FAICP		
<p>Fine grained amphibolite with occasional aggregate of cpx. Very low sulphide content Po 85 / Py 15 %. Two thin ultramafic dykes crosscut at 323.30 and 324.30 m's. Two quartz veins crosscut the unit but contain little to no sulphide content (see veining tab). Moderately low garnet content.</p>			D59922	324.84	325.62	0.78	0.002	AGAT_FAICP		
			D59923	325.62	326.3	0.68	0.01	AGAT_FAICP		
326.30	330.00	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D59924	326.3	327.45	1.15	0.016	AGAT_FAICP		
<p>Lamprophyre</p>			D59925	327.45	328.94	1.49	0.006	AGAT_FAICP		
			D59927	328.94	330	1.06	0.014	AGAT_FAICP		
330.00	335.46	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	D59928	330	331.45	1.45	0.005	AGAT_FAICP		
<p>AMPFW contains massive garnets up to 20.0 mm's in size. Quartz flooding section (333.55 - 334.45 m's) contains tension veins with moderate sulphide content but overall the unit is low in sulphides. Pyrrhotite is dominant over pyrite Po 85 / Py 15. Unit contains moderate foliation.</p>			D59929	331.45	332.84	1.39	0.005	AGAT_FAICP		
			D59930	332.84	333.57	0.73	0.003	AGAT_FAICP		
			D59931	333.57	334.62	1.05	0.008	AGAT_FAICP		
			D59933	334.62	335.46	0.84	0.012	AGAT_FAICP		
335.46	341.85	(AMP) Amphibolite, ()	D59934	335.46	336.9	1.44	0.009	AGAT_FAICP		
<p>Amphibolite unit is fine grained with some coarser cpx sections. Cpx aggregates appear long and thin due to foliation fabric. Unit is very low in garnet content but could be labeled as a AMPFW just lacking in the usual garnet content. Very low sulphide content.</p>			D59935	336.9	338.06	1.16	0.003	AGAT_FAICP		
			D59936	338.06	339	0.94	0.004	AGAT_FAICP		
			D59937	339	339.84	0.84	0.01	AGAT_FAICP		
			D59939	339.84	340.5	0.66	0.002	AGAT_FAICP		
			D59940	340.5	341.7	1.2	0.003	AGAT_FAICP		
341.85	348.04	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	D59941	341.7	342.16	0.46	0.002	AGAT_FAICP		
<p>AMPFW contains massive garnets up to 20.0 mm's in size. Low sulphide content. Pyrrhotite is dominant over pyrite Po 85 / Py 15. Unit contains moderate foliation. Moderate folding</p>			D59942	342.16	342.63	0.47	0.002	AGAT_FAICP		
			D59943	342.63	343.38	0.75	0.003	AGAT_FAICP		
			D59944	343.38	344.3	0.92	0.123	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D59945	344.3	344.87	0.57	0.002	AGAT_FAICP		
			D59947	344.87	345.85	0.98	0.002	AGAT_FAICP		
			D59948	345.85	346.77	0.92	0.002	AGAT_FAICP		
			D59949	346.77	347.52	0.75	0.052	AGAT_FAICP		
			D59950	347.52	348.04	0.52	0.002	AGAT_FAICP		
348.04	349.30	(AMP) Amphibolite, ()	D59951	348.04	349.3	1.26	0.036	AGAT_FAICP		
		Amphibolite unit is fine grained with some coarser cpx sections. Cpx aggregates appear long and thin due to foliation fabric. Unit is very low in garnet content but could be labeled as a AMPFW just lacking in the usual garnet content. Very low sulphide content.								
349.30	349.85	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D59953	349.3	349.85	0.55	0.013	AGAT_FAICP		
		Short pegmatite. Low sulphide								
349.85	350.70	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	D59954	349.85	350.7	0.85	0.002	AGAT_FAICP		
		AMPFW is moderately foliated. Low sulphide content with pyrrhotite being the dominant species Po 85 / Py 15 %. Moderate garnet content.								
350.70	351.42	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D59955	350.7	351.42	0.72	0.002	AGAT_FAICP		
		Lamprophyre contains xenoliths and vesicles of carbonate material								
351.42	356.02	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	D59956	351.42	352	0.58	0.003	AGAT_FAICP		
		AMPFW contains a high garnet content. Moderate foliation. Low sulphide content.								
			D59957	352	353.42	1.42	0.003	AGAT_FAICP		
			D59959	353.42	354.74	1.32	0.002	AGAT_FAICP		
			D59960	354.74	356.02	1.28	0.003	AGAT_FAICP		
356.02	357.00	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D59961	356.02	357	0.98	0.005	AGAT_FAICP		EOH
		Low sulphide content. Weak to moderate chloritic alteration in matrix producing green rims on plagioclase. 357=EOH								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
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Hole ID : RD19-00002

Project : Borden

Drilling Details :

Azimuth : 163.4
 Dip : -45
 Length : 351
 Drill Start : 23-Feb-2019
 Drill Completed : 3-Mar-2019
 Core Size : NQ
 Drill Company : Major
 Oriented Core : Yes

Location Details :

Easting : 345281
 Northing : 5305610
 Elevation : 430
 UTM Grid : NAD83_UTMZ17N_GPS
 Township : Gamey
 Storage Location : Chapleau Ont

Logging Details :

Logged By : Brad.Clarke
 Logged By 2 :
 Log Start : 2-Mar-2019
 Log Completed : 8-Mar-2019
 Re-Logged By :
 Re-Log Start :
 Re-Log Completed :

Comments :

New Coordinates; Geo put frontsite in and drillers lined up without Geo. Beginning of hole initially didn't have orientation marks for the first 20m. Foliation orientation was used to overcome a spin and carry the orientation line within the first 100m. Driller was known to be prone to spins. Lower 100m shows F2 and F1 folding and at 334m a PEG/QV1 vein with Po was intersected. Two fault zones observed in the upper section of the hole. No VG observed.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	6.54	(OB) Overburden, () 7m casing.								
6.54	22.23	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	A74371	6.54	7	0.46	0.009	AGAT_FAICP		
		Fine to medium grained moderately to strongly foliated AMP (similar to deposit footwall AMP). Compositional banding is observed as CPX patches and Hbd vary in abundance. Fine to medium plagioclase and trace biotite makes up the rest of the matrix. Fine to coarse garnet porphyroblasts are unevenly distributed as individual crystals and crystal aggregates throughout the unit. Locally some garnets are elongated along foliation. Po is pervasive and associated with weak to moderate magnetism. Several small (<5cm) QVs are observed within the section as well as numerous smaller quartz veins all parallel to foliation. Numerous randomly oriented quartz-carbonate veinlets with weak alteration halos are also observed throughout the section.	A74373	7	8	1	0.007	AGAT_FAICP		
			A74374	8	9	1	0.005	AGAT_FAICP		
			A74375	9	10	1	0.004	AGAT_FAICP		
			A74383	16	17	1	0.006	AGAT_FAICP		
			A74384	17	18	1	0.002	AGAT_FAICP		
			A74385	18	19	1	0.003	AGAT_FAICP		
			A74387	19	20	1	0.001	AGAT_FAICP		
			A74388	20	21	1	0.004	AGAT_FAICP		
			A74389	21	22.23	1.23	0.004	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			A74376	10	11	1	0.007	AGAT_FAICP		
			A74377	11	12	1	0.002	AGAT_FAICP		
			A74379	12	13	1	0.004	AGAT_FAICP		
			A74380	13	14	1	0.008	AGAT_FAICP		
			A74381	14	15	1	0.005	AGAT_FAICP		
			A74382	15	16	1	0.007	AGAT_FAICP		
22.23	23.02	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	A74390	22.23	23.02	0.79	0.003	AGAT_FAICP		Dark greenish grey xenolith rich LAMP with sharp low angle contacts and numerous carb veinlets. No sulfides observed but fine grains of magnetite observed resulting in strong magnetism.
23.02	39.97	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	A74391	23.02	24	0.98	0.004	AGAT_FAICP		Fine to medium grained moderately to strongly foliated AMP (similar to deposit footwall AMP). Compositional banding is observed as CPX patches and Hbd vary in abundance. Fine to medium plagioclase and minor biotite makes up the rest of the matrix. Fine to coarse garnet porphyroblasts are unevenly distributed as individual crystals and crystal aggregates throughout the unit. Locally some garnets are elongated along foliation. Po is pervasive and associated with weak to moderate magnetism. Several small (<5cm) QVs are observed within the section as well as numerous smaller quartz veins all parallel to foliation. Numerous randomly oriented quartz-carbonate veinlets with weak alteration halos are also observed throughout the section. Sharp upper and lower contacts. Small LAMP at 39.56m.
			A74393	24	25	1	0.003	AGAT_FAICP		
			A74394	25	26	1	0.003	AGAT_FAICP		
			A74395	26	27	1	0.003	AGAT_FAICP		
			A74396	27	28	1	0.005	AGAT_FAICP		
			A74397	28	29	1	0.003	AGAT_FAICP		
			A74405	34	35	1	0.006	AGAT_FAICP		
			A74407	35	36	1	0.018	AGAT_FAICP		
			A74408	36	37	1	0.003	AGAT_FAICP		
			A74409	37	38	1	0.002	AGAT_FAICP		
			A74410	38	39	1	0.004	AGAT_FAICP		
			A74411	39	39.97	0.97	0.007	AGAT_FAICP		
			A74399	29	30	1	0.004	AGAT_FAICP		
			A74400	30	31	1	0.003	AGAT_FAICP		
			A74401	31	31.3	0.3	0.003	AGAT_FAICP		
			A74402	31.3	32	0.7	0.004	AGAT_FAICP		
			A74403	32	33	1	0.005	AGAT_FAICP		
			A74404	33	34	1	0.005	AGAT_FAICP		
39.97	48.00	(FGC) Felsic Gneiss Conglomerate, ()	A74413	39.97	41	1.03	0.011	AGAT_FAICP		Compositionally banded moderately to strongly stretched / sheared FG conglom. Rarely can clast terminations be observed. Locally Dioitic looking bands (clasts) are observed with varying intermediate and felsic bands (stretched clast supported conglom? layered matrix?) Trace to rare sulfides. Several small QVs parallel to foliation observed and numerous small
			A74414	41	42	1	0.003	AGAT_FAICP		
			A74415	42	43	1	0.007	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
randomly oriented qtz-carb veins with weak alteration halos throughout. Magnetism is weak to nil pervasively but strong locally where magnetite is observed within the more mafic clasts/bands. Small LAMP at 41.7m.			A74416	43	44	1	0.021	AGAT_FAICP		
			A74417	44	45	1	0.007	AGAT_FAICP		
			A74419	45	46	1	0.005	AGAT_FAICP		
			A74420	46	47	1	0.008	AGAT_FAICP		
			A74421	47	48	1	0.003	AGAT_FAICP		
48.00	48.30	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	A74422	48	48.5	0.5	0.005	AGAT_FAICP		Dark grey xenolith rich LAMP moderate magnetism. No observed sulfides.
48.30	54.12	(FGC) Felsic Gneiss Conglomerate, ()	A74423	48.5	49	0.5	0.016	AGAT_FAICP		Compositionally banded moderately to strongly stretched / sheared FG conglo. Rarely can clast terminations be observed. Locally Dioitic looking bands (clasts) are observed with varying intermediate and felsic bands (stretched clast supported conglo? layered matrix?) Trace to rare sulfides. Several small QVs parallel to foliation observed and numerous small randomly oriented qtz-carb veins with weak alteration halos throughout. Magnetism is weak to nil pervasively but strong locally where magnetite is observed within the more mafic clasts/bands.
			A74424	49	50	1	0.01	AGAT_FAICP		
			A74425	50	51	1	0.008	AGAT_FAICP		
			A74427	51	52	1	0.006	AGAT_FAICP		
			A74428	52	53	1	0.013	AGAT_FAICP		
			A74429	53	54.12	1.12	0.005	AGAT_FAICP		
54.12	54.55	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	A74430	54.12	54.55	0.43	0.005	AGAT_FAICP		Fine to medium grained weakly magnetic LAMP with sharp upper and lower contacts and several small carb veinlets randomly oriented within and along contacts.
54.55	67.53	(FGC) Felsic Gneiss Conglomerate, ()	A74431	54.55	55	0.45	0.005	AGAT_FAICP		Compositionally banded moderately to strongly stretched / sheared FG conglo. Locally Dioitic looking bands (clasts) are observed with varying intermediate and felsic bands. Trace to rare sulfides. Several small QVs parallel to foliation observed and numerous small randomly oriented qtz-carb veins with weak alteration halos throughout. Magnetism is weak to nil pervasively but strong locally where magnetite is observed within the more mafic clasts/bands. From 64.15m to 64.75m qtz-feld veining/flooding is observed and several of the veins are folded and deformed. See close up photos.
			A74433	55	56	1	0.009	AGAT_FAICP		
			A74434	56	57	1	0.008	AGAT_FAICP		
			A74435	57	58	1	0.008	AGAT_FAICP		
			A74436	58	59	1	0.008	AGAT_FAICP		
			A74437	59	60	1	0.007	AGAT_FAICP		
			A74445	64.75	65.5	0.75	0.026	AGAT_FAICP		
			A74447	65.5	66	0.5	0.012	AGAT_FAICP		
			A74448	66	67	1	0.01	AGAT_FAICP		
			A74449	67	67.53	0.53	0.026	AGAT_FAICP		
			A74439	60	61	1	0.013	AGAT_FAICP		
			A74440	61	62	1	0.006	AGAT_FAICP		
			A74441	62	63	1	0.007	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			A74442	63	63.5	0.5	0.006	AGAT_FAICP		
			A74443	63.5	64.15	0.65	0.007	AGAT_FAICP		
			A74444	64.15	64.75	0.6	0.006	AGAT_FAICP		
67.53	68.18	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	A74450	67.53	68.18	0.65	0.003	AGAT_FAICP		
		Fine to medium grained weakly magnetic LAMP with sharp upper and lower contacts and several small carb veinlets randomly oriented within and along contacts.								
68.18	77.88	(FGC) Felsic Gneiss Conglomerate, ()	A74451	68.18	69	0.82	0.011	AGAT_FAICP		
		Compositionally banded moderately to strongly stretched / sheared FG congl. Locally Dioitic looking bands (clasts) are observed with varying intermediate and felsic bands. Trace to rare sulfides. Several small QVs parallel to foliation observed and numerous small randomly oriented qtz-carb veins with weak alteration halos throughout. Magnetism is weak to nil pervasively but strong locally where magnetite is observed within the more mafic clasts/bands.								
			A74453	69	70	1	0.005	AGAT_FAICP		
			A74454	70	71	1	0.005	AGAT_FAICP		
			A74455	71	72	1	0.013	AGAT_FAICP		
			A74456	72	73	1	0.02	AGAT_FAICP		
			A74457	73	74	1	0.011	AGAT_FAICP		
			A74459	74	75	1	0.01	AGAT_FAICP		
			A74460	75	76	1	0.007	AGAT_FAICP		
			A74461	76	77	1	0.006	AGAT_FAICP		
			A74462	77	77.88	0.88	0.015	AGAT_FAICP		
77.88	78.31	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	A74463	77.88	78.31	0.43	0.008	AGAT_FAICP		
		Medium to coarse grained qtz feldspar PEG vein with biotite and minor Amp within crystal boundaries. Sharp contacts slightly oblique to foliation. Trace Po and Py.								
78.31	82.60	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	A74464	78.31	79	0.69	0.004	AGAT_FAICP		
		Fine to medium grained strongly to foliated Bio and Amp rich FGS. Boundaries are short but gradational with the lower FGC. Bio and Amp content varies slightly pervasively. Several <0.5cm wide QVs observed parallel to foliation. Short section from 81.5m to 82m shows moderate sericitic alteration. Trace to rare sulfides.								
			A74465	79	80	1	0.006	AGAT_FAICP		
			A74467	80	81	1	0.004	AGAT_FAICP		
			A74468	81	82	1	0.005	AGAT_FAICP		
			A74469	82	82.6	0.6	0.08	AGAT_FAICP		
82.60	87.37	(FGC) Felsic Gneiss Conglomerate, ()	A74470	82.6	83	0.4	0.019	AGAT_FAICP		
		Compositionally banded moderately to strongly stretched / sheared FG congl. Locally Dioitic looking bands (clasts) are observed with varying intermediate and felsic bands. Trace to rare sulfides. Several small QVs parallel to foliation observed and numerous small								
			A74471	83	84	1	0.006	AGAT_FAICP		
			A74473	84	85	1	0.011	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		randomly oriented qtz-carb veins with weak alteration halos throughout. Magnetism is weak to nil.	A74474	85	86	1	0.023	AGAT_FAICP		
			A74475	86	87	1	0.012	AGAT_FAICP		
			A74476	87	87.37	0.37	0.047	AGAT_FAICP		
87.37	88.52	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	A74477	87.37	88.52	1.15	0.01	AGAT_FAICP		
		Fine to medium grained strongly to foliated Bio and Amp rich FGS. Boundaries are short but gradational with upper and lower FGC. Bio and Amp content varies slightly. Several <0.5cm wide QVs observed parallel to foliation. Trace to rare sulfides.								
88.52	91.96	(FGC) Felsic Gneiss Conglomerate, ()	A74479	88.52	89	0.48	0.004	AGAT_FAICP		
		Compositionally banded moderately to strongly stretched / sheared FG conгло. Trace to rare sulfides. Several small QVs parallel to foliation observed and numerous small randomly oriented qtz-carb veins with weak alteration halos.	A74480	89	90	1	0.003	AGAT_FAICP		
			A74481	90	91	1	0.005	AGAT_FAICP		
			A74482	91	91.96	0.96	0.005	AGAT_FAICP		
91.96	93.76	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	A74483	91.96	93	1.04	0.002	AGAT_FAICP		
		Fine to medium grained strongly to foliated Bio and Amp rich FGS. Boundaries are short but gradational with upper and lower FGC. Bio and Amp content varies slightly. Several <0.5cm wide QVs observed parallel to foliation. Trace to rare sulfides.	A74484	93	93.76	0.76	0.004	AGAT_FAICP		
93.76	96.22	(FGC) Felsic Gneiss Conglomerate, ()	A74485	93.76	95	1.24	0.018	AGAT_FAICP		
		Compositionally banded moderately to strongly stretched / sheared FG conгло. Trace to rare sulfides. Several small QVs parallel to foliation observed and numerous small randomly oriented qtz-carb veins with weak alteration halos. Weak magnetism locally.	A74487	95	96.22	1.22	0.007	AGAT_FAICP		
96.22	98.25	(FGS) Felsic Gneiss Sedimentary, ()	A74488	96.22	97	0.78	0.006	AGAT_FAICP		
		Fine to medium grained strongly to foliated Bio and Amp rich FGS. Boundaries are short but gradational with upper and lower FGC. Bio and Amp content varies slightly. Several <0.5cm wide QVs observed parallel to foliation. Trace to rare sulfides. no magnetism.	A74489	97	98.25	1.25	0.005	AGAT_FAICP		
98.25	101.44	(FGC) Felsic Gneiss Conglomerate, ()	A74490	98.25	99	0.75	0.019	AGAT_FAICP		
		Compositionally banded moderately to strongly stretched / sheared FG conгло. Trace to rare sulfides. Several small QVs parallel to foliation observed and numerous small randomly oriented qtz-carb veins with weak alteration halos. No magnetism. Biotite and Amp observed to be slightly higher than previously observed above.	A74491	99	100	1	0.015	AGAT_FAICP		
			A74493	100	101	1	0.024	AGAT_FAICP		
			A74494	101	101.44	0.44	0.028	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
101.44	101.78	(QV) Quartz Vein, (QZVT2) Massive quartz vein Several white massive QVs with bands of coarse biotite and FGS between the 10-1cm wide vein zone. K spar observed within veins and along contacts.	A74495	101.44	101.78	0.34	0.006	AGAT_FAICP		
101.78	105.95	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone Fine to medium grained strongly to foliated Bio and Amp rich FGS. Upper boundaries is short but gradational with upper FGC while lower boundary with LAMP is sharp and low angle. Bio and Amp content varies slightly. Several <0.5cm wide QVs observed parallel to foliation. Trace to rare sulfides. One brecciated section with a weak alteration at 102.7-102.8m which is likely associated with the larger brecciated vuggy fault zone from 103.3-104m. Calcite and qtz are observed as well formed crystal growths within the voids space. Angular FGS clasts are within zone. Weak to no magnetism.	A73551 A74496 A74497 A74499 A74500	105 101.78 102.5 103 104	105.95 102.5 103 104 105	0.95 0.72 0.5 1 1	0.015 0.004 0.004 0.005 0.003	AGAT_FAICP AGAT_FAICP AGAT_FAICP AGAT_FAICP AGAT_FAICP		
105.95	106.97	(UMD) UMLAMP DiKe, (LAMPD) UMD - Lamprophyre Dyke Fine to medium grained LAMP with xenoliths. Sharp contacts. Compositional banding is observed as xenoliths and alteration within the dyke changes. No sulfides.	A73553	105.95	106.97	1.02	0.003	AGAT_FAICP		
106.97	107.75	(FGS) Felsic Gneiss Sedimentary, () Fine to medium grained Moderately foliated FGS with biotite and minor Amp. Section is weakly altered and several randoomly orientated qtz carb veinlets are observed. Sharp upper and lower contact with LAMP dykes. No sulfides observed.	A73554	106.97	107.75	0.78	0.006	AGAT_FAICP		
107.75	108.14	(UMD) UMLAMP DiKe, (LAMPD) UMD - Lamprophyre Dyke Fine to medium grained green xenolith LAMP. Biotite within matrix. No sulfides of magnetism.	A73555	107.75	108.14	0.39	0.002	AGAT_FAICP		
108.14	113.44	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone Fine to medium grained strongly to foliated Bio and Amp rich FGS. Boundary is short but gradational with lower FGC. Bio and Amp content varies slightly. Several <0.5cm wide QVs observed parallel to foliation. No sulfides or magnetism. Numerous small qtz-carb veinlets randomly orientated with weak small alteration halos.	A73556 A73557 A73559 A73560 A73561 A73562	108.14 109 110 111 112 113	109 110 111 112 113 113.44	0.86 1 1 1 1 0.44	0.007 0.007 0.003 0.004 0.004 0.004	AGAT_FAICP AGAT_FAICP AGAT_FAICP AGAT_FAICP AGAT_FAICP AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
113.44	114.98	(UMD) UMLAMP Dyke, (LAMPD) UMD - Lamprophyre Dyke Fine grained light green LAMP with coarse to medium sized xenoliths. Sharp contacts. Several small qtz carb veinlets within the dyke. No observed sulfides. No magnetism.	A73563	113.44	114	0.56	0.004	AGAT_FAICP		
			A73564	114	114.98	0.98	0.002	AGAT_FAICP		
114.98	115.85	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone Fine grained moderately foliated FGS with Amp porphyries. Biotite present within the matrix. Euhedral Amp (hbd) porphyries observed throughout the unit. Minor to trace euhedral to subhedral Py. Several qtz carb veinlets. with small weak alteration halos.	A73565	114.98	115.85	0.87	0.007	AGAT_FAICP		
115.85	116.60	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Medium to coarse grained pink and white PEG with biotite rich banding (likely from the host rock) semi parallel to foliation. Trace Py. Non magnetic.	A73567	115.85	116.6	0.75	0.004	AGAT_FAICP		
116.60	117.07	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone Fine grained moderately foliated FGS with Amp porphyries. Biotite present within the matrix. Euhedral Amp (hbd) porphyries observed throughout the unit. Minor to trace euhedral to subhedral Py. Several qtz carb veinlets. with small weak alteration halos.	A73568	116.6	117.07	0.47	0.003	AGAT_FAICP		
117.07	118.60	(UMD) UMLAMP Dyke, (LAMPD) UMD - Lamprophyre Dyke Fine grained green (dark grey in the middle) LAMP. The middle section has a 10cm diabase dyke which is magnetic. The immediately adjacent LAMP is also magnetic and contains xenoliths. The ends of the LAMP are light green and are non magnetic and also contain xenoliths. Sharp upper and lower contacts. No sulfides observed.	A73569	117.07	118	0.93	0.002	AGAT_FAICP		
			A73570	118	118.6	0.6	0.002	AGAT_FAICP		
118.60	122.72	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone Fine grained moderately foliated FGS. Biotite present within the matrix and as porphyries. Euhedral Amp (hbd) porphyries observed locally within the beginning of the unit. Medium grained biotite observed throughout the unit. Several qtz carb veinlets. with small weak alteration halos. Trace to rare sulfides.	A73571	118.6	119	0.4	0.004	AGAT_FAICP		
			A73573	119	120	1	0.012	AGAT_FAICP		
			A73574	120	121	1	0.005	AGAT_FAICP		
			A73575	121	122	1	0.004	AGAT_FAICP		
			A73576	122	122.72	0.72	0.005	AGAT_FAICP		
122.72	123.00	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Coarse grained PEG with coarse Bio within grain boundaries. Sharp contacts. Pink K spars with qtz make up the majority of the vein. No sulfides observed.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
123.00	131.47	(FGC) Felsic Gneiss Conglomerate, ()	A73577	122.72	123.5	0.78	0.003	AGAT_FAICP		
<p>Fine to medium grained moderately foliated FGC. Compositional banding due to clasts is observed through the unit. Gradational contacts with FGS sections are observed but they too have weak conglomerate texture. Few QVs parallel to foliation are observed and several small qtz carb veinlets with minor weak to moderate alteration halos are observed. Trace Py.</p>			A73579	123.5	124	0.5	0.004	AGAT_FAICP		
			A73580	124	125	1	0.004	AGAT_FAICP		
			A73581	125	126	1	0.003	AGAT_FAICP		
			A73582	126	127	1	0.01	AGAT_FAICP		
			A73583	127	128	1	0.004	AGAT_FAICP		
			A73584	128	129	1	0.003	AGAT_FAICP		
			A73585	129	130	1	0.003	AGAT_FAICP		
			A73587	130	131	1	0.01	AGAT_FAICP		
			A73588	131	131.47	0.47	0.016	AGAT_FAICP		
131.47	132.25	(AMP) Amphibolite, ()	A73589	131.47	132.75	1.28	0.011	AGAT_FAICP		
<p>Fine to medium grained weakly banded AMP with several small QVs parallel to foliation and several small randomly oriented white veinlets that have small weak alteration halos. Trace to rare very fine Py. Non magnetic.</p>										
132.25	137.02	(FGC) Felsic Gneiss Conglomerate, ()	A73590	132.75	133.25	0.5	0.013	AGAT_FAICP		
<p>Fine to medium grained moderately foliated FGC. Compositional banding due to clasts is observed through the unit. Few QVs (qtz clasts?) parallel to foliation are observed and several small qtz carb veinlets with minor weak to no alteration. Trace to rare Py. Non magnetic</p>			A73591	133.25	134	0.75	0.008	AGAT_FAICP		
			A73593	134	135	1	0.013	AGAT_FAICP		
			A73594	135	136	1	0.008	AGAT_FAICP		
			A73595	136	137.02	1.02	0.005	AGAT_FAICP		
137.02	137.32	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	A73596	137.02	137.32	0.3	0.003	AGAT_FAICP		
<p>Coarse grained granitic PEG with 1-2cm bands of bio/qtz/plag within the PEG vein. Bands could be relics of the host rock prior to vein. No sulfides observed.</p>										
137.32	140.68	(FGC) Felsic Gneiss Conglomerate, ()	A73597	137.32	138	0.68	0.008	AGAT_FAICP		
<p>Fine to medium grained moderately foliated FGC. Compositional banding due to clasts is observed through the unit. Few QVs (qtz clasts?) parallel to foliation are observed and several small qtz carb veinlets with minor weak to no alteration. Trace to rare Py. Non magnetic. Two short PEG veins are observed (140.15. and 139.75m) within this section and one qtz carb vein with a strong short alteration halo is also observed (137.35m).</p>			A73599	138	139	1	0.005	AGAT_FAICP		
			A73600	139	140	1	0.008	AGAT_FAICP		
			A74501	140	140.68	0.68	0.008	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
140.68	142.20	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Coarse grained pink PEG vein with white qtz and pink feldspars. No sulfides observed. Brecciation observed within a fault zone between 141.4m to 141.50m.	A74502	140.68	141.39	0.71	0.002	AGAT_FAICP		
			A74503	141.39	141.9	0.51	0.004	AGAT_FAICP		
			A74504	141.9	142.2	0.3	0.003	AGAT_FAICP		
142.20	146.70	(FGC) Felsic Gneiss Conglomerate, () Fine to medium grained moderately foliated FGC. Compositional banding due to clasts is observed through the unit. Few QVs (and qtz clasts?) parallel to foliation are observed and several small qtz carb veinlets with weak to no alteration. Trace to rare Py. Non magnetic. Sharp upper and lower contacts.	A74505	142.2	143	0.8	0.008	AGAT_FAICP		
			A74507	143	144	1	0.004	AGAT_FAICP		
			A74508	144	145	1	0.01	AGAT_FAICP		
			A74509	145	146	1	0.01	AGAT_FAICP		
			A74510	146	146.7	0.7	0.025	AGAT_FAICP		
146.70	147.72	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Fine grained magnetic LAMP with numerous small xenoliths and several larger (2-4cm) xenoliths. Very fine magnetite.	A74511	146.7	147.72	1.02	0.004	AGAT_FAICP		
147.72	148.53	(FGC) Felsic Gneiss Conglomerate, () Fine to medium grained moderately foliated FGC. Compositional banding due to clasts is observed through the unit. Few QVs (and qtz clasts?) parallel to foliation are observed and several small qtz carb veinlets with weak to no alteration. Trace to rare Py. Non magnetic. Sharp upper and lower contacts.	A74513	147.72	148.53	0.81	0.006	AGAT_FAICP		
148.53	149.00	(PEG) Pegmatite, () Coarse white and grey PEG with minor biotite within. No observed sulfides and sharp slightly oblique contacts.	A74514	148.53	149	0.47	0.003	AGAT_FAICP		
149.00	151.87	(FGC) Felsic Gneiss Conglomerate, () Fine to medium grained moderately foliated FGC. Compositional banding due to clasts is observed through the unit. Few QVs (and qtz clasts?) parallel to foliation are observed and several small qtz carb veinlets with weak to no alteration. Trace to rare Py. Non magnetic. Sharp upper and lower contacts.	A74515	149	150	1	0.005	AGAT_FAICP		
			A74516	150	151	1	0.011	AGAT_FAICP		
			A74517	151	151.87	0.87	0.007	AGAT_FAICP		
151.87	152.70	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Fine grained magnetic LAMP with numerous small xenoliths and several larger (2-4cm) xenoliths. Very fine magnetite.	A74519	151.87	152.7	0.83	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
152.70	154.72	(FGC) Felsic Gneiss Conglomerate, ()	A74520	152.7	154	1.3	0.007	AGAT_FAICP		
		Fine to medium grained moderately foliated FGC. Compositional banding due to clasts is observed through the unit. Few QVs (and qtz clasts?) parallel to foliation are observed and several small qtz carb veinlets with weak to no alteration. Trace to rare Py. Non magnetic. Sharp upper and lower contacts.	A74521	154	154.72	0.72	0.008	AGAT_FAICP		
154.72	155.08	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	A74522	154.72	155.08	0.36	0.007	AGAT_FAICP		
		Coarse to very coarse white and grey PEG vein with minor amounts of biotite between coarse grains and along contacts. No sulfides observed.								
155.08	159.64	(FGC) Felsic Gneiss Conglomerate, ()	A74523	155.08	156	0.92	0.006	AGAT_FAICP		
		Fine to medium grained strongly foliated FGC with biotite minor Amp and several small 1-4cm QVs. Randomly oriented qtz carb veinlets are observed locally throughout with weak alteration halos. Locally the alteration and veinlets are abundant. Trace Py. Non magnetic.	A74524	156	157	1	0.035	AGAT_FAICP		
			A74525	157	158	1	0.014	AGAT_FAICP		
			A74527	158	159	1	0.339	AGAT_FAICP		
			A74528	159	159.64	0.64	0.008	AGAT_FAICP		
159.64	160.00	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	A74529	159.64	160	0.36	0.013	AGAT_FAICP		
		Fine grained dark grey magnetic LAMP with medium grained xenoliths and several carb veinlets.								
160.00	161.24	(FGC) Felsic Gneiss Conglomerate, ()	A74530	160	161.24	1.24	0.007	AGAT_FAICP		
		Fine to medium grained strongly foliated FGC with biotite minor Amp. Trace Py. Non magnetic.								
161.24	161.54	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)								
		Coarse grained white and grey PEG vein with biotite between crystals and sharp undulating contacts slightly oblique to foliation. No sulfides.								
161.54	161.77	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	A74531	161.24	162	0.76	0.002	AGAT_FAICP		
		Fine grained moderately foliated FGS with biotite and trace Py.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
161.77	168.45	(FGC) Felsic Gneiss Conglomerate, () Fine to medium grained strongly to moderately foliated FGC with several small QVs parallel to foliation. Trace diss Py and non magnetic.	A74533	162	163	1	0.007	AGAT_FAICP		
			A74534	163	164	1	0.006	AGAT_FAICP		
			A74535	164	165	1	0.02	AGAT_FAICP		
			A74536	165	166	1	0.011	AGAT_FAICP		
			A74537	166	167	1	0.011	AGAT_FAICP		
			A74539	167	168	1	0.005	AGAT_FAICP		
			A74540	168	168.4	0.4	0.008	AGAT_FAICP		
168.45	168.65	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Dark greenish grey LAMP with biotite in the matrix and medium grained xenoliths. Moderately altered and moderately magnetic.	A74541	168.4	168.7	0.3	0.005	AGAT_FAICP		
168.65	178.75	(FGC) Felsic Gneiss Conglomerate, () Fine to medium grained strongly to moderately foliated FGC with several small QVs parallel to foliation. Trace diss Py and non magnetic. Few localized small veinlets with alteration halos.	A74542	168.7	170	1.3	0.008	AGAT_FAICP		
			A74543	170	171	1	0.009	AGAT_FAICP		
			A74544	171	172	1	0.007	AGAT_FAICP		
			A74545	172	173	1	0.006	AGAT_FAICP		
			A74547	173	173.78	0.78	0.005	AGAT_FAICP		
			A74548	173.78	174.08	0.3	0.003	AGAT_FAICP		
			A74549	174.08	175	0.92	0.004	AGAT_FAICP		
			A74550	175	176	1	0.006	AGAT_FAICP		
			A74551	176	177	1	0.007	AGAT_FAICP		
			A74553	177	178	1	0.008	AGAT_FAICP		
A74554	178	178.75	0.75	0.004	AGAT_FAICP					
178.75	179.50	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Fine grained dark grey LAMP with distinct compositionals all containing various sizes of rounded clear/grey qtz xenoliths. Strongly magnetic.	A74555	178.75	179.5	0.75	0.002	AGAT_FAICP		
179.50	181.38	(FGC) Felsic Gneiss Conglomerate, () Fine to medium grained strongly to moderately foliated FGC with several small QVs parallel to foliation. Trace diss Py and non magnetic.	A74556	179.5	180	0.5	0.005	AGAT_FAICP		
			A74557	180	181	1	0.006	AGAT_FAICP		
			A74559	181	181.38	0.38	0.003	AGAT_FAICP		
181.38	181.74	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Fine grained dark grey magnetic LAMP with xenoliths.	A74560	181.38	181.74	0.36	0.0005	AGAT_FAICP		
181.74	195.53	(FGC) Felsic Gneiss Conglomerate, ()	A74561	181.74	183	1.26	0.046	AGAT_FAICP		
		Fine to medium grained strongly to moderately foliated FGC with several small QVs parallel to foliation. Trace diss Py and non magnetic. One small LAMP at 186.45M.	A74562	183	184	1	0.019	AGAT_FAICP		
			A74563	184	185	1	0.005	AGAT_FAICP		
			A74564	185	186	1	0.005	AGAT_FAICP		
			A74565	186	187	1	0.003	AGAT_FAICP		
			A74574	193	194	1	0.007	AGAT_FAICP		
			A74575	194	195	1	0.006	AGAT_FAICP		
			A74576	195	195.53	0.53	0.005	AGAT_FAICP		
			A74567	187	188	1	0.004	AGAT_FAICP		
			A74568	188	189	1	0.005	AGAT_FAICP		
			A74569	189	190	1	0.003	AGAT_FAICP		
			A74570	190	191	1	0.004	AGAT_FAICP		
			A74571	191	192	1	0.004	AGAT_FAICP		
			A74573	192	193	1	0.006	AGAT_FAICP		
195.53	205.43	(DIA) Diabase Dike, ()	A74577	195.53	196	0.47	0.005	AGAT_FAICP		
		Massive magnetic Diabase dyke.	A74579	196	197	1	0.006	AGAT_FAICP		
			A74580	197	198	1	0.007	AGAT_FAICP		
			A74581	198	199	1	0.01	AGAT_FAICP		
			A74582	199	200	1	0.013	AGAT_FAICP		
			A74583	200	201	1	0.006	AGAT_FAICP		
			A74584	201	202	1	0.008	AGAT_FAICP		
			A74585	202	203	1	0.004	AGAT_FAICP		
			A74587	203	204	1	0.006	AGAT_FAICP		
			A74588	204	205	1	0.006	AGAT_FAICP		
			A74589	205	205.43	0.43	0.004	AGAT_FAICP		
205.43	219.00	(FGC) Felsic Gneiss Conglomerate, ()	A74590	205.43	206	0.57	0.002	AGAT_FAICP		
		Fine to medium grained weak o moderately foliated FGC with several small QVs parallel to foliation. Trace diss Py and non magnetic. Several rounded slightly to non deformed clasts are observed.	A74591	206	207	1	0.006	AGAT_FAICP		
			A74593	207	208	1	0.005	AGAT_FAICP		
			A74594	208	209	1	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			A74595	209	210	1	0.005	AGAT_FAICP		
			A74596	210	211	1	0.011	AGAT_FAICP		
			A74604	217	217.9	0.9	0.003	AGAT_FAICP		
			A74605	217.9	218.4	0.5	0.004	AGAT_FAICP		
			A74607	218.4	219	0.6	0.009	AGAT_FAICP		
			A74597	211	212	1	0.004	AGAT_FAICP		
			A74599	212	213	1	0.003	AGAT_FAICP		
			A74600	213	214	1	0.003	AGAT_FAICP		
			A74601	214	215	1	0.004	AGAT_FAICP		
			A74602	215	216	1	0.006	AGAT_FAICP		
			A74603	216	217	1	0.01	AGAT_FAICP		
219.00	219.78	(DIA) Diabase Dike, () Fine grained weakly porphyritic magnetic DIA.	A74608	219	219.78	0.78	0.115	AGAT_FAICP		
219.78	224.20	(FGC) Felsic Gneiss Conglomerate, () Fine to medium grained moderately foliated FGC with compositional banding and no sulfides observed. Minor and large open F2 folds observed within the end of this section. Clasts are observed as variably stretched. Non magnetic.	A74609	219.78	221	1.22	0.005	AGAT_FAICP		
			A74610	221	222	1	0.013	AGAT_FAICP		
			A74611	222	223	1	0.008	AGAT_FAICP		
			A74613	223	224.2	1.2	0.004	AGAT_FAICP		
224.20	224.90	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Coarse white and grey PEG with coarse biotite grains between qtz feldspar crystals. Biotite content is high along contacts. No sulfides observed.	A74614	224.2	224.9	0.7	0.006	AGAT_FAICP		
224.90	225.40	(FGC) Felsic Gneiss Conglomerate, () Fine to medium grained moderately foliated FGC with compositional banding and no sulfides observed. Clasts are observed as variably stretched. Non magnetic.	A74615	224.9	225.4	0.5	0.004	AGAT_FAICP		
225.40	226.15	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Fine grained massive LAMP with a large xenolith and numerous fine to medium grained xenoliths. Magnetic. Calcite spots observed locally. Reacts with acid. No sulfides.	A74616	225.4	226.15	0.75	0.0005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
226.15	227.00	(FGC) Felsic Gneiss Conglomerate, () Fine to medium grained moderately foliated FGC with compositional banding and no sulfides observed. Non magnetic.	A74617	226.15	227	0.85	0.002	AGAT_FAICP		
227.00	227.17	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Coarse grained pink and grey PEG with coarse diss biotite crystals within qtz feldspar crystals. No sulfides. Non magnetic.								
227.17	227.70	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Fine to medium grained magnetic biotite rich calcite rich xenolith bearing LAMP. Minor alteration along contacts. No sulfides.	A74619	227	227.7	0.7	0.001	AGAT_FAICP		
227.70	229.20	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Coarse grained pink and grey PEG with coarse diss biotite crystals within qtz feldspar crystals. No sulfides. Non magnetic. Lower contact has a short extensional vein that is parallel to core and 1cm wide 15cm long. Short 1cm LAMP dyke. The areas around the extensional vein shows some random fracturing which might be related to the extensional vein.	A74620 A74621	227.7 228.5	228.5 229.2	0.8 0.7	0.0005 0.002	AGAT_FAICP AGAT_FAICP		
229.20	230.30	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Fine to medium grained biotite calcite xenolith rich magnetic LAMP with variable textures. No sulfides.	A74622	229.2	230.3	1.1	0.003	AGAT_FAICP		
230.30	233.67	(FGC) Felsic Gneiss Conglomerate, () Fine to medium grained moderately foliated FGC with compositional banding. No sulfides observed. Non magnetic. Minor folding observed..	A74623 A74624 A74625 A74627	230.3 231 232 233	231 232 233 233.67	0.7 1 1 0.67	0.006 0.003 0.004 0.003	AGAT_FAICP AGAT_FAICP AGAT_FAICP AGAT_FAICP		
233.67	234.28	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Fine to medium grained biotite calcite xenolith rich magnetic LAMP. Calcite observed as medium to coarse white spots. No sulfides.	A74628	233.67	234.28	0.61	0.001	AGAT_FAICP		
234.28	234.85	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50%	A74629	234.28	234.85	0.57	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		quartz) Coarse grained white and grey PEG with coarse grained biotite within matrix between qtz and feldspar. No sulfides non magnetic. Small light green LAMP in the middle of the unit.								
234.85	236.23	(FGC) Felsic Gneiss Conglomerate, ()	A74630	234.85	236.23	1.38	0.003	AGAT_FAICP		
		Fine to medium grained moderately foliated FGC with compositional banding. No sulfides observed. Non magnetic. Minor folding observed.								
236.23	237.00	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	A74631	236.23	237	0.77	0.002	AGAT_FAICP		
		Fine grained biotite calcite xenolith rich magnetic LAMP. Calcite observed as fine to medium spots. No sulfides.								
237.00	237.70	(FGC) Felsic Gneiss Conglomerate, ()	A74633	237	237.5	0.5	0.006	AGAT_FAICP		
		Fine to medium grained moderately foliated FGC with compositional banding. No sulfides observed. Non magnetic. Minor folding observed.								
237.70	238.00	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	A74634	237.5	238	0.5	0.002	AGAT_FAICP		
		White and grey coarse grained PEG with biotite between crystal boundaries. No sulfides and non magnetic.								
238.00	240.40	(FGC) Felsic Gneiss Conglomerate, ()	A74635	238	239	1	0.003	AGAT_FAICP		
		Fine to medium grained moderately foliated FGC with compositional banding. No sulfides observed. Non magnetic. Minor folding observed.	A74636	239	240	1	0.003	AGAT_FAICP		
			A74637	240	240.4	0.4	0.004	AGAT_FAICP		
240.40	241.81	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	A74639	240.4	241.81	1.41	0.003	AGAT_FAICP		
		White and pink PEG with biotite no sulfides and non magnetic.								
241.81	243.25	(FGC) Felsic Gneiss Conglomerate, ()	A74640	241.81	242.5	0.69	0.005	AGAT_FAICP		
		Fine to medium grained moderately foliated FGC with compositional banding. No sulfides observed. Non magnetic.	A74641	242.5	243.25	0.75	0.009	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
243.25	243.86	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Pink and white coarse grained PEG. Coarse biotite within coarse qtz and feldspar crystals.	A74642	243.25	243.86	0.61	0.001	AGAT_FAICP		
243.86	245.10	(FGC) Felsic Gneiss Conglomerate, () Fine to medium grained moderately foliated FGC with stretched folded and weakly deformed clasts. No sulfides observed. Non magnetic. Local folding F1.	A74643 A74644	243.86 244.5	244.5 245.1	0.64 0.6	0.007 0.007	AGAT_FAICP AGAT_FAICP		
245.10	245.57	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Coarse white and grey PEG with coarse biotite. No sulfides.	A74645	245.1	245.57	0.47	0.005	AGAT_FAICP		
245.57	284.45	(FGC) Felsic Gneiss Conglomerate, () Fine to medium grained moderately foliated FGC with stretched folded and weakly deformed clasts. No sulfides observed. Non magnetic. Open F2 folds are observed folding the foliation banding and individual clasts. fold axis trending shallowing to the west. Locally trace Py observed along foliations and contacts. Locally garnets are observed within bands.	A74647 A74648 A74649 A74650 A74651 A74688 A74689 A74690 A74691 A74693 A74681 A74682 A74683 A74684 A74685 A74687 A74674 A74675 A74676 A74677 A74679 A74680 A74667	245.57 246.5 247 248 249 280 281 282 283 284 274 275 276 277 278 279 268 269 270 271 272 273 274 262	246.5 247 248 249 250 281 282 283 284 284.45 275 276 277 278 279 280 269 270 271 272 273 274 263	0.93 0.5 1 1 1 1 1 1 1 0.45 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.004 0.006 0.004 0.008 0.005 0.06 0.045 0.033 0.034 0.067 0.026 0.026 0.039 0.029 0.044 0.077 0.009 0.024 0.268 0.033 0.018 0.023 0.013	AGAT_FAICP AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			A74668	263	264	1	0.025	AGAT_FAICP		
			A74669	264	265	1	0.016	AGAT_FAICP		
			A74670	265	266	1	0.028	AGAT_FAICP		
			A74671	266	267	1	0.038	AGAT_FAICP		
			A74673	267	268	1	0.014	AGAT_FAICP		
			A74660	256	257	1	0.012	AGAT_FAICP		
			A74661	257	258	1	0.241	AGAT_FAICP		
			A74662	258	259	1	0.009	AGAT_FAICP		
			A74663	259	260	1	0.016	AGAT_FAICP		
			A74664	260	261	1	0.01	AGAT_FAICP		
			A74665	261	262	1	0.01	AGAT_FAICP		
			A74653	250	251	1	0.005	AGAT_FAICP		
			A74654	251	252	1	0.009	AGAT_FAICP		
			A74655	252	253	1	0.008	AGAT_FAICP		
			A74656	253	254	1	0.012	AGAT_FAICP		
			A74657	254	255	1	0.011	AGAT_FAICP		
			A74659	255	256	1	0.005	AGAT_FAICP		
284.45	285.82	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	A74694	284.45	285	0.55	0.002	AGAT_FAICP		
		Fine grained dark greenish grey LAMP with large (up to 5cm) rounded xenoliths. Non magnetic. No reaction to acid. Sharp contacts.	A74695	285	285.82	0.82	0.003	AGAT_FAICP		
285.82	296.56	(FGS) Felsic Gneiss Sedimentary, ()	A74696	285.82	286.32	0.5	0.055	AGAT_FAICP		
		Fine to medium grained banded moderately to strongly foliated FGS with trace Py observed. Non magnetic. Several PEG veins and QVs One short section of LAMP at 287.25m. F1 and F2 folding observed locally. Weak Qtz eye and conglomeratic texture observed locally.	A74697	286.32	287	0.68	0.035	AGAT_FAICP		
			A74699	287	287.43	0.43	0.005	AGAT_FAICP		
			A74700	287.43	288	0.57	0.016	AGAT_FAICP		
			A74701	288	289	1	0.014	AGAT_FAICP		
			A74702	289	290	1	0.023	AGAT_FAICP		
			A74709	295	296	1	0.015	AGAT_FAICP		
			A74710	296	296.56	0.56	0.021	AGAT_FAICP		
			A74703	290	291	1	0.016	AGAT_FAICP		
			A74704	291	291.5	0.5	0.008	AGAT_FAICP		
			A74705	291.5	292.1	0.6	0.006	AGAT_FAICP		
			A74706	292.1	293	0.9	0.014	AGAT_FAICP		
			A74707	293	294	1	0.027	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			A74708	294	295	1	0.019	AGAT_FAICP		
296.56	298.10	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	A74711	296.56	297.5	0.94	0.01	AGAT_FAICP		
		Coarse grained white and grey (pink locally) PEG vein with coarse biotite locally between large crystals. No sulfides and no magnetism.	A74713	297.5	298.1	0.6	0.004	AGAT_FAICP		
298.10	298.90	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	A74714	298.1	298.9	0.8	0.004	AGAT_FAICP		Fine grained biotite carbonate and magnetite LAMP with medium grained xenoliths.
298.90	299.50	(FGS) Felsic Gneiss Sedimentary, ()	A74715	298.9	299.5	0.6	0.01	AGAT_FAICP		Fine to medium grained banded moderately to strongly foliated FGS with trace Py observed. Non magnetic.
299.50	300.20	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	A74716	299.5	300.2	0.7	0.008	AGAT_FAICP		Coarse grained white and grey (pink locally) PEG vein with coarse biotite locally between large crystals. No sulfides and no magnetism.
300.20	309.70	(FGC) Felsic Gneiss Conglomerate, ()	A74717	300.2	301	0.8	0.011	AGAT_FAICP		Fine to medium grained moderately foliated strained FGC with local fine to medium grained garnets locally. None magnetic. No sulfides observed. Several F1 and F2 folds. Stretched clasts. Locally fold crenulations. See photos for folding form. Hinges dip shallow to the west.
			A74719	301	302	1	0.036	AGAT_FAICP		
			A74720	302	303	1	0.011	AGAT_FAICP		
			A74721	303	304	1	0.013	AGAT_FAICP		
			A74722	304	305	1	0.011	AGAT_FAICP		
			A74723	305	306	1	0.049	AGAT_FAICP		
			A74724	306	307	1	0.015	AGAT_FAICP		
			A74725	307	308	1	0.013	AGAT_FAICP		
			A74727	308	309	1	0.017	AGAT_FAICP		
			A74728	309	309.7	0.7	0.023	AGAT_FAICP		
309.70	311.87	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	A74729	309.7	310.5	0.8	0.006	AGAT_FAICP		Fine grained biotite carbonate and xenolith rich LAMP. Magnetic.
			A74730	310.5	311.87	1.37	0.005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
311.87	313.44	(FGC) Felsic Gneiss Conglomerate, () Fine to medium grained moderately to strongly foliated conglomeratic FGC with no observed sulfides. Non magnetic. Local F2 folding.	A74731	311.87	313	1.13	0.016	AGAT_FAICP		
			A74733	313	313.44	0.44	0.006	AGAT_FAICP		
313.44	314.00	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Coarse white and grey PEG with coarse biotite between qtz and feldspar crystals.	A74734	313.44	314	0.56	0.124	AGAT_FAICP		
314.00	326.97	(FGC) Felsic Gneiss Conglomerate, () Fine to medium grained moderately to strongly foliated conglomeratic FGC with no observed sulfides. Non magnetic. Local F2 folding. Several medium (2-8cm) boundinaged QVs. Open F2 folding. Garnets observed throughout unevenly. Amp rich bands observed locally.	A74735	314	315	1	0.007	AGAT_FAICP		
			A74736	315	316	1	0.033	AGAT_FAICP		
			A74737	316	317	1	0.034	AGAT_FAICP		
			A74739	317	318	1	0.023	AGAT_FAICP		
			A74740	318	319	1	0.013	AGAT_FAICP		
			A74741	319	320	1	0.037	AGAT_FAICP		
			A74749	326	326.97	0.97	0.009	AGAT_FAICP		
			A74742	320	321	1	0.018	AGAT_FAICP		
			A74743	321	322	1	0.024	AGAT_FAICP		
			A74744	322	323	1	0.017	AGAT_FAICP		
			A74745	323	324	1	0.04	AGAT_FAICP		
			A74747	324	325	1	0.055	AGAT_FAICP		
			A74748	325	326	1	0.021	AGAT_FAICP		
326.97	327.21	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) white and grey coarse PEG.	A74750	326.97	327.27	0.3	0.007	AGAT_FAICP		
327.21	330.92	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone Fine to medium grained FGS with weak localized qtz eye texture and locally high bio and Po.	A74751	327.27	328	0.73	0.009	AGAT_FAICP		
			A74753	328	329	1	0.06	AGAT_FAICP		
			A74754	329	330	1	0.028	AGAT_FAICP		
			A74755	330	331	1	0.038	AGAT_FAICP		
330.92	331.20	(DIO) Diorite, (DIOP1) Porphyritic diorite with finer grained ground mass								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
Small Dio section with plag porphs.										
331.20	334.48	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	A74756	331	332	1	0.079	AGAT_FAICP		
			A74757	332	333	1	0.008	AGAT_FAICP		
		Fine to medium FGS with variable biotite content and moderate qtz eye texture locally. Bio and Po rich sections observed locally. Non magnetic. Few small PEG veins.	A74759	333	334	1	0.002	AGAT_FAICP		
			A74760	334	334.48	0.48	0.002	AGAT_FAICP		
334.48	337.12	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	A74761	334.48	335	0.52	0.012	AGAT_FAICP		
			A74762	335	336	1	0.005	AGAT_FAICP		
		Coarse grained white and grey PEG vein. no sulfides. Coarse biotite locally. Some Po and Qz rich localities. Possibly QV1 but I think not.	A74763	336	337.12	1.12	0.019	AGAT_FAICP		
337.12	341.87	(FGS) Felsic Gneiss Sedimentary, ()	A74764	337.12	338	0.88	0.009	AGAT_FAICP		
			A74765	338	339	1	0.033	AGAT_FAICP		
		Fine grained moderately foliated FGS with weak porphyritic and qtz eye texture observed locally. Trace to rare Py. Minor Po within thin bands.	A74767	339	340	1	0.067	AGAT_FAICP		
			A74768	340	341	1	0.123	AGAT_FAICP		
			A74769	341	341.87	0.87	0.006	AGAT_FAICP		
341.87	342.34	(AMP) Amphibolite, ()	A74770	341.87	342.34	0.47	0.12	AGAT_FAICP		
		Fine grained AMP.								
342.34	344.60	(FGC) Felsic Gneiss Conglomerate, ()	A74771	342.34	343	0.66	0.0005	AGAT_FAICP		
			A74773	343	344	1	0.005	AGAT_FAICP		
		Fine to medium grained conglomeratic FGC. No sulfides observed. Non magnetic. Local F2 folding observed.	A74774	344	344.6	0.6	0.003	AGAT_FAICP		
344.60	347.13	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	A74775	344.6	346	1.4	0.0005	AGAT_FAICP		
			A74776	346	347.13	1.13	0.0005	AGAT_FAICP		
		Fine grained magnetic carbonate biotite rich LAMP with large angular clasts and medium grained xenoliths.								
347.13	351.00	(FGS) Felsic Gneiss Sedimentary, ()	A74777	347.13	348	0.87	0.0005	AGAT_FAICP		
			A74779	348	349	1	0.0005	AGAT_FAICP		
		Fine grained moderately foliated grey FGS with minor F2 folds and several small QVs. No sulfides observed and non magnetic. EOH=351m								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			A74780	349	350	1	0.0005	AGAT_FAICP		
			A74781	350	351	1	0.0005	AGAT_FAICP		

Hole ID : RD19-00003

Project : Borden

Drilling Details :

Azimuth : 172.5
 Dip : -44.5
 Length : 366
 Drill Start : 17-Feb-2019
 Drill Completed : 23-Feb-2019
 Core Size : NQ
 Drill Company : Major
 Oriented Core : Yes

Location Details :

Easting : 345551
 Northing : 5305206
 Elevation : 430
 UTM Grid : NAD83_UTMZ17N_GPS
 Township : Gamey
 Storage Location : Chapleau Ont

Logging Details :

Logged By : William.Gerber
 Logged By 2 : Daniel.Rafuse
 Log Start : 21-Feb-2019
 Log Completed : 6-Mar-2019
 Re-Logged By :
 Re-Log Start :
 Re-Log Completed :

Comments :

lined up with compass. Numerous MAM units with moderate to strong silicic alteration/quartz flooding with increased pyrrhotite and pyrite. Quartz ranged from glassy to smokey grey. Lamprophyres and diabase dykes frequency was high in this area with strong magnetism especially from Lamps due to massive magnetite. Strong folding and foliation convergence at depths of 250m's and greater.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	4.00	(OB) Overburden, () ??m casing.								
4.00	11.55	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	C69001	4	5	1	0.01	AGAT_FAICP		
		AMP intermediate look s like AMP-FW from deposit. Mostly AMP with some small FGS levels (<8cm thick; // S1); weakly banded; moderately to strongly foliated; mostly dark green (fg Amp); with medium green (probable Cpx) bands and masses (compositional layering S0 sub// S1); common fg to cg redish Gt porphyroblasts and masses (preferentially in Cpx-rich levels); 0.25-0.5% Po-Py mostly in Cpx-rich levels; possible tight F1 folds underlined by very thin Py-rich levels (//S0). Several Qz veinlets // S1. Few late QzCb thin veinlets (mm thick) crossing S1.	C69002	5	6	1	0.004	AGAT_FAICP		
			C69003	6	7	1	0.002	AGAT_FAICP		
			C69004	7	8	1	0.002	AGAT_FAICP		
			C69005	8	9	1	0.005	AGAT_FAICP		
			C69007	9	10	1	0.007	AGAT_FAICP		
			C69008	10	11	1	0.003	AGAT_FAICP		
			C69009	11	11.55	0.55	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
11.55	12.38	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	C69010	11.55	12.38	0.83	0.001	AGAT_FAICP		PEG-GR is light grey; very light pink; massive; pegmatitic; cv-vcg; Qz+KFp+Bt booklets+cg Gt+tr. WM.
12.38	22.36	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	C69011	12.38	13.38	1	0.002	AGAT_FAICP		Continuity of AMP-FW interval 4-11.55m. Mostly AMP with some small FGS-Amp levels (<40cm thick; // S1; part of compositional layering); weakly banded; moderately to strongly foliated; mostly dark green (fg Amp); with medium green (probable Cpx) bands (locally boudinaged) and masses (compositional layering S0 sub// S1); common fg to cg redish Gt porphyroblasts and masses (preferentially in Cpx-rich levels); 0.25% Po-Py mostly in Cpx-rich levels. Several thin Qz(Po) veinlets // S1 (up to 7cm thick; locally F1-folded) and locally at very low angle tca (see structures). Some thin QzV rods at boudin necks. Few late and very thin QzCb veinlets oblique to S1.
			C69013	13.38	14.3	0.92	0.004	AGAT_FAICP		
			C69014	14.3	14.8	0.5	0.004	AGAT_FAICP		
			C69015	14.8	15.8	1	0.004	AGAT_FAICP		
			C69016	15.8	16.2	0.4	0.002	AGAT_FAICP		
			C69024	20.2	21	0.8	0.002	AGAT_FAICP		
			C69025	21	22.36	1.36	0.002	AGAT_FAICP		
			C69017	16.2	16.5	0.3	0.003	AGAT_FAICP		
			C69019	16.5	17.5	1	0.002	AGAT_FAICP		
			C69020	17.5	18	0.5	0.003	AGAT_FAICP		
			C69021	18	18.3	0.3	0.003	AGAT_FAICP		
			C69022	18.3	19.3	1	0.002	AGAT_FAICP		
			C69023	19.3	20.2	0.9	0.006	AGAT_FAICP		
22.36	25.89	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	C69027	22.36	23.36	1	0.0005	AGAT_FAICP		Pegmatitic dyke; massive; cg-vcg; light grey Qz; pink KFp; pale green Fp (Plg?); some Bt booklets; tr. WM. Upper contact oblique to S1 (possibly a tension PEG gash?). Lower contact is broken and not clear.
			C69028	23.36	24.36	1	0.002	AGAT_FAICP		
			C69029	24.36	25.36	1	0.0005	AGAT_FAICP		
			C69030	25.36	25.89	0.53	0.0005	AGAT_FAICP		
25.89	27.93	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	C69031	25.89	26.89	1	0.003	AGAT_FAICP		Continuity of AMP-FW intervals upheld. AMP is weakly banded; moderately to strongly foliated; mostly dark green (fg Amp); with medium green (probable Cpx) bands (locally boudinaged) and masses (compositional layering S0 sub// S1); common fg to cg redish Gt porphyroblasts and masses (preferentially in Cpx-rich levels); 0.25% Po-Py mostly in Cpx-rich levels. Local tight F1 folds affecting S0. Some thin beige/greenish Ser-altered haloes around late QzCb veinlets at multiple orientations.
			C69033	26.89	27.93	1.04	0.003	AGAT_FAICP		
27.93	28.54	(FGS, QV) Felsic Gneiss Sedimentary, Quartz Vein, ()	C69034	27.93	28.54	0.61	0.001	AGAT_FAICP		Small FGS interval as part of compositional layering in large AMP-FW sequence. Medium grey; moderately foliated; fg-mg; some small QV2 veinlets // S1 (up to 5cm thick); some thin Amp-rich bands // S1.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
28.54	37.97	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	C69035	28.54	29.54	1	0.006	AGAT_FAICP		
Continuity of AMP-FW intervals upheld. AMP is weakly banded; moderately to strongly foliated; mostly dark green (fg Amp); with medium green (probable Cpx) bands (locally boudinaged) and masses (compositional layering S0 sub// S1); common fg to cg redish Gt porphyroblasts and masses (preferentially in Cpx-rich levels); 0.25% Po-Py mostly in Cpx-rich levels. Local tight F1 folds affecting S0. Some Qz(Po) veinlets. Small PEG-GR (tr.Gt+Bt) from 33.65 to 33.92m (contacts oblique to S1 so possibly a tension gash) around which S1 is passively folded.										
			C69036	29.54	30.54	1	0.005	AGAT_FAICP		
			C69037	30.54	31.54	1	0.005	AGAT_FAICP		
			C69039	31.54	32.54	1	0.003	AGAT_FAICP		
			C69040	32.54	33.6	1.06	0.007	AGAT_FAICP		
			C69041	33.6	34	0.4	0.003	AGAT_FAICP		
			C69042	34	35	1	0.002	AGAT_FAICP		
			C69043	35	36	1	0.002	AGAT_FAICP		
			C69044	36	37	1	0.002	AGAT_FAICP		
			C69045	37	37.97	0.97	0.003	AGAT_FAICP		
37.97	39.18	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	C69047	37.97	39.18	1.21	0.007	AGAT_FAICP		
PEG-GR is pale pink (KFp); light grey (Qz); massive; pegmatitic (cg-vcg); 1% mg-cg Gt porphyroblasts; contacts with AMP-FW oblique to S1 (possibly a tension gash).										
39.18	43.60	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	C69048	39.18	39.7	0.52	0.005	AGAT_FAICP		
Continuity of AMP-FW intervals upheld. AMP is weakly banded; moderately to strongly foliated; mostly dark green (fg Amp); with medium green (probable Cpx) bands (locally boudinaged) and masses (compositional layering S0 sub// S1); common fg to cg redish Gt porphyroblasts and masses (preferentially in Cpx-rich levels); 0.25% Po-Py mostly in Cpx-rich levels. Some thin FGS interbedded levels (//S1) as part of compositional layering. Local tight F1 folds affecting S0. Some Qz veinlets throughout; local blueish Qz veinlet from 42.18 to 42.4m.										
			C69049	39.7	40.5	0.8	0.004	AGAT_FAICP		
			C69050	40.5	40.9	0.4	0.003	AGAT_FAICP		
			C69051	40.9	41.85	0.95	0.003	AGAT_FAICP		
			C69053	41.85	42.4	0.55	0.003	AGAT_FAICP		
			C69054	42.4	43.6	1.2	0.006	AGAT_FAICP		
43.60	44.00	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	C69055	43.6	44	0.4	0.004	AGAT_FAICP		
Small FGS-BG level interbedded in AMP-FW sequence. Dark grey/brownish; moderately to strongly foliated; fg; common vfg-fg Gt; very thin Py-Po bands (<1mm thick) // S1. Contacts // S1.										
44.00	57.35	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	C69056	44	45	1	0.002	AGAT_FAICP		
Continuity of AMP-FW intervals upheld. AMP is weakly banded; moderately to strongly foliated; mostly dark green (fg Amp); with medium green (probable Cpx) bands (locally boudinaged) and masses (compositional layering S0 sub// S1); common fg to cg redish Gt porphyroblasts and masses (preferentially in Cpx-rich levels; less abundant below 54m); 0.25% Po-Py mostly in Cpx-rich levels. Some Qz(Po) veinlets sub // S1; more abundant from										
			C69057	45	46.35	1.35	0.004	AGAT_FAICP		
			C69059	46.35	47.1	0.75	0.003	AGAT_FAICP		
			C69060	47.1	48.1	1	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
48.1 to 48.85m (along with lighter grey/beige Fp salty texture). 18cm wide PEG-GR dykelet at 52m. Local thin Ser-altered haloes around late QzCb veinlet at low angle tca.			C69061	48.1	48.85	0.75	0.005	AGAT_FAICP		
			C69062	48.85	50	1.15	0.004	AGAT_FAICP		
			C69070	55.2	56.2	1	0.002	AGAT_FAICP		
			C69071	56.2	57.35	1.15	0.002	AGAT_FAICP		
			C69063	50	50.6	0.6	0.002	AGAT_FAICP		
			C69064	50.6	51.9	1.3	0.003	AGAT_FAICP		
			C69065	51.9	52.2	0.3	0.005	AGAT_FAICP		
			C69067	52.2	53.2	1	0.004	AGAT_FAICP		
			C69068	53.2	54.2	1	0.002	AGAT_FAICP		
			C69069	54.2	55.2	1	0.01	AGAT_FAICP		
57.35	58.00	(AMP) Amphibolite, ()	C69073	57.35	58	0.65	0.077	AGAT_FAICP		Small interval of very dark green/black AMP; as part of large AMP-FW sequence. Vfg-fg; finely foliated but apparently massive; very weakly magnetic; 1% mg Gt; local thin Po-rich veinlet (// S0); local thin Amp-Fp-rich band (So). 1cm thick LAMP dykelet at end of interval.
58.00	63.10	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	C69074	58	59	1	0.005	AGAT_FAICP		Continuity of AMP-FW uphole. AMP is weakly banded; moderately to strongly foliated; mostly dark green (fg Amp); with medium green (probable Cpx) bands (locally boudinaged) and masses (compositional layering S0 sub// S1); less abundant fg to cg redish Gt porphyroblasts and masses compared with uphole; 0.25% Po-Py mostly in Cpx-rich levels. Some Qz(Po) veinlets sub // S1. Around 62m two small QV2 oblique to S1 with pale green Ser-altered haloes.
			C69075	59	60	1	0.006	AGAT_FAICP		
			C69076	60	61	1	0.008	AGAT_FAICP		
			C69077	61	61.8	0.8	0.014	AGAT_FAICP		
			C69079	61.8	62.25	0.45	0.011	AGAT_FAICP		
			C69080	62.25	63.1	0.85	0.01	AGAT_FAICP		
63.10	63.50	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	C69081	63.1	63.5	0.4	0.014	AGAT_FAICP		Small FGS-BG interval; banded; medium grey/dark grey; dark green (Amp-rich bands); mg-cg Gt porphyroblasts in lowre part; strongly foliated.
63.50	63.85	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	C69082	63.5	63.85	0.35	0.005	AGAT_FAICP		Small PEG-GR dyke; // S1; massive; Qz+Kfp+Bt. Small Qz veinlets // S1 at lower contact.
63.85	68.58	(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, (FGSGB) Variable BI + garnets below the gold zone	C69083	63.85	64.85	1	0.004	AGAT_FAICP		FGS-GB interval with 15% intermixed PEG-GR veinlets (<10cm thick; // S1); FGS is
			C69084	64.85	65.85	1	0.006	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		medium grey/dark grey; moderately to strongly foliated; weakly banded (compositional layering); fg with abundant Gt-rich bands and masses // S1 (Gt porphyroblasts and porphyroclasts; suggesting multiple generations of Gt). 17cm thick AMP level at 67.26m. Some Qz(Po) veinlets // S1. 0.25% Po-Py as diss. blebs and small masses // S1 in Amp-rich levels and QzV. Some late QzCb veinlets oblique to S1.	C69085	65.85	66.7	0.85	0.006	AGAT_FAICP		
			C69087	66.7	67.2	0.5	0.008	AGAT_FAICP		
			C69088	67.2	67.5	0.3	0.006	AGAT_FAICP		
			C69089	67.5	68.58	1.08	0.03	AGAT_FAICP		
68.58	68.88	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	C69090	68.58	69	0.42	0.003	AGAT_FAICP		Small PEG-GR dyke with undulating contacts within FGS-GB.
68.88	69.53	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	C69091	69	69.53	0.53	0.015	AGAT_FAICP		Small interval of FGS-BG as lower end of 63.85-68.58m interval; just below PEG-GR dyke.
69.53	70.25	(AMP, PEG) Amphibolite, Pegmatite, (AMPFW) Footwall Amphibolite	C69093	69.53	70.25	0.72	0.003	AGAT_FAICP		Small AMP-FW level with 20cm wide PEG-GR dyke. AMP-FW is dark green/grey; moderately foliated; fg with mg-cg Gt; rare Qz veinlets // S1. PEG-GR is pink/light grey; massive; pegmatitic; Qz+KfP+Bt; contacts // S1.
70.25	71.30	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	C69094	70.25	71.3	1.05	0.002	AGAT_FAICP		PEG-GR is similar to other dykes uphole. Pink (KfP); light grey (Qz; Fp); 1-2% Bt; massive; cg-vcg; sub // S1.
71.30	84.80	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	C69095	71.3	71.8	0.5	0.004	AGAT_FAICP		AMP-FW is similar to other intervals uphole. Dark green/dark grey; locally medium green (Cpx-rich levels); weakly banded (compositional layering); moderate to locally strongly foliated; common Gt-rich bands/masses // S1; common bands and masses with slaty texture (white fg-mg Fp; often associated with fg-mg Amp). Some thin Qz(+/-Po;Py) veinlets <1cm thick // S1. Overall 0.25 to 0.5% Py+Po as diss. blebs and clots; locally thin bands (<1mm thick) // S1. From 80m to end of interval AMP is more homogeneous and less banded (still Bt-rich though).
		C69096	71.8	72.8	1	0.004	AGAT_FAICP			
		C69097	72.8	73.2	0.4	0.006	AGAT_FAICP			
		C69099	73.2	73.9	0.7	0.006	AGAT_FAICP			
		C69100	73.9	74.6	0.7	0.005	AGAT_FAICP			
		C69101	74.6	74.9	0.3	0.004	AGAT_FAICP			
		C69109	81.72	82.7	0.98	0.004	AGAT_FAICP			
		C69110	82.7	83.25	0.55	0.003	AGAT_FAICP			
		C69111	83.25	84	0.75	0.004	AGAT_FAICP			
		C69113	84	84.8	0.8	0.004	AGAT_FAICP			
		C69102	74.9	75.9	1	0.005	AGAT_FAICP			

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C69103	75.9	76.9	1	0.004	AGAT_FAICP		
			C69104	76.9	77.9	1	0.004	AGAT_FAICP		
			C69105	77.9	78.9	1	0.005	AGAT_FAICP		
			C69107	78.9	80.25	1.35	0.005	AGAT_FAICP		
			C69108	80.25	81.72	1.47	0.004	AGAT_FAICP		
84.80	92.85	(UMD) UMLAMP Dikey, (LAMPD) UMD - Lamprophyre Dyke	C69114	84.8	86.26	1.46	0.002	AGAT_FAICP		
		UMD-LAMP dyke; black/dark grey; massive; strongly magnetic; vfg-fg matrix w/ fg-mg Cb grains. Some thin Cb veinlets sub // dyke contacts.	C69115	86.26	87.66	1.4	0.003	AGAT_FAICP		
			C69116	87.66	89	1.34	0.003	AGAT_FAICP		
			C69117	89	90.42	1.42	0.002	AGAT_FAICP		
			C69119	90.42	91.77	1.35	0.027	AGAT_FAICP		
			C69120	91.77	92.85	1.08	0.005	AGAT_FAICP		
92.85	93.39	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	C69121	92.85	93.39	0.54	0.005	AGAT_FAICP		
		Small PEG-GR dyke; cg but does not show a typical pegmatitic (vcg) texture. Pink (KFp); light grey (Fp; Qz); tr. Bt; tr. Py; few Cb veinlets // UMD above.								
93.39	93.93	(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, ()	C69122	93.39	93.93	0.54	0.012	AGAT_FAICP		
		FGS level with 15cm wide AMP-FW sleeve within. FGS is medium grey; moderately foliated; fg; few late Cb veinlets oblique to S1. AMP-FW is green; grey; moderately foliated; strong salty texture (white fg Fp porphyroblasts); thin Qz veinlet // S1.								
93.93	96.19	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	C69123	93.93	95.3	1.37	0.004	AGAT_FAICP		
		Continuity of AMP-FW sequence uphole; more typical texture; dark green/grey; moderately foliated; weakly banded; fg white Fp porphyroblasts	C69124	95.3	96.19	0.89	0.004	AGAT_FAICP		
96.19	96.61	(UMD) UMLAMP Dikey, (LAMPD) UMD - Lamprophyre Dyke	C69125	96.19	96.61	0.42	0.003	AGAT_FAICP		
96.61	102.02	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	C69127	96.61	97.45	0.84	0.004	AGAT_FAICP		
		AMPFW contains aggregates of garnet and cpx. Moderately low sulphide content. Unit is moderately foliated	C69128	97.45	97.88	0.43	0.006	AGAT_FAICP		
			C69129	97.88	98.22	0.34	0.007	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C69130	98.22	99.05	0.83	0.006	AGAT_FAICP		
			C69131	99.05	99.86	0.81	0.005	AGAT_FAICP		
			C69133	99.86	100.46	0.6	0.003	AGAT_FAICP		
			C69134	100.46	101.38	0.92	0.004	AGAT_FAICP		
			C69135	101.38	102.02	0.64	0.012	AGAT_FAICP		
102.02	102.94	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	C69136	102.02	102.94	0.92	0.004	AGAT_FAICP		
		Granitic pegmatite. Very low sulphide content. K-spar and plag both present								
102.94	105.33	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	C69137	102.94	103.5	0.56	0.013	AGAT_FAICP		
		AMPFW with moderate sulphide content. Pyrrhotite is the dominant sulphide Po 80 / Py 20 %.	C69139	103.5	104.16	0.66	0.011	AGAT_FAICP		
		Thin glassy quartz veins and boudins are present but barren. Similar reaction rims on amphibole within quartz veins from 103.70 - 103.80 similar to RD19-00001	C69140	104.16	105.33	1.17	0.006	AGAT_FAICP		
105.33	105.70	(GBFG) Garnet Biotite Felsic Gneiss, ()	C69141	105.33	105.7	0.37	0.006	AGAT_FAICP		
		Short GBFG is moderately silicified. Low garnet content and low sulphide content. Foliation is generally strong								
105.70	110.82	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	C69142	105.7	107.14	1.44	0.003	AGAT_FAICP		
		Pegmatite is dominated by green plag species at upper and lower contact whereas mid portion of the unit has a higher concentration of pink k-spar. Very low sulphide content throughout. Short UM contained from 109.65 - 109.78 m's with an upper contact of A 75 B 336	C69143	107.14	108.48	1.34	0.002	AGAT_FAICP		
			C69144	108.48	109.4	0.92	0.002	AGAT_FAICP		
			C69145	109.4	110.82	1.42	0.005	AGAT_FAICP		
110.82	111.70	(GBFG) Garnet Biotite Felsic Gneiss, ()	C69147	110.82	111.7	0.88	0.012	AGAT_FAICP		
		Short GBFG is moderately silicified. Low garnet content and low sulphide content. Foliation is generally strong. Short pegmatitic veins crosscut the unit.								
111.70	115.00	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	C69148	111.7	113	1.3	0.006	AGAT_FAICP		
		Medium grained pegmatite contains pink and green feldspar species. Very low sulphide content. Thin sections of GBFG throughout.	C69149	113	114.28	1.28	0.002	AGAT_FAICP		
			C69150	114.28	115	0.72	0.012	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
115.00	115.32	(FGS) Felsic Gneiss Sedimentary, () FGS contains weak to moderate sericitic alteraiton. Very low sulphide content.	C69151	115	115.32	0.32	0.11	AGAT_FAICP		
115.32	115.72	(GBFG) Garnet Biotite Felsic Gneiss, () GBFG contains moderately low sulphide content with pyrrhotite as the dominant variety Po 80 / Py 20. Unit contains generally strong foliation. Trace riebeckite. Moderate garnet content.	C69153	115.32	115.72	0.4	0.018	AGAT_FAICP		
115.72	116.82	(MAM) Mottled Amphibolite, () Should likely be labeled as a quartz flooded AMP but labeled as MAM to correlate to RD19-00001 MAM unit. Thin veinlets carrying moderate riebeckite presence crosscut foliation parallel to core axis. Moderate quartz flooding follows foliation with moderate pyrrhotite and minor pyrite Po 90 / Py 10. Quartz is glassy. Strong foliation. Weak folding.	C69154	115.72	116.82	1.1	0.027	AGAT_FAICP		
116.82	118.33	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Pegmatite has low sulphide content with pyrite being dominant over pyrrhotite Py 75 / Po 25. Pink and green plagioclase species. Grey quartz. Chloritic alteration at lower contact with lamp	C69155	116.82	118.32	1.5	0.002	AGAT_FAICP		
118.33	118.94	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	C69156	118.32	118.94	0.62	0.001	AGAT_FAICP		
118.94	119.40	(GBFG) Garnet Biotite Felsic Gneiss, () GBFG is heavily altered due to upper and lower contacts with lamprophyres. Strong riebeckite presence. Low sulphide content Po 85 / Py 15.	C69157	118.94	119.4	0.46	0.004	AGAT_FAICP		
119.40	120.80	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	C69159	119.4	120.8	1.4	0.001	AGAT_FAICP		
120.80	124.33	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Pegmatite contains both plag and k-spar. Granitic composition. Very low sulphide content. Thin sections of GBFG contained in proximity of lower contact.	C69160	120.8	122.1	1.3	0.002	AGAT_FAICP		
			C69161	122.1	123.3	1.2	0.001	AGAT_FAICP		
			C69162	123.3	124.33	1.03	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
124.33	130.44	(GBFG) Garnet Biotite Felsic Gneiss, ()	C69163	124.33	124.7	0.37	0.005	AGAT_FAICP		
GBFG contains strong foliation fabric. Numerous garnets in upper portion. Lower portion has much fewer garnets but are massive. Short FGS contained at 127.13 - 127.40 m's with a lower contact of A 51 B 311. Several thin high angle to core axis bands crosscut the unit containing moderate sericitic and weak chloritic alteration. Sulphide content is low with pyrrhotite as the dominant variety. Upper 1.30 m's of unit contains moderate silica flooding.			C69164	124.7	125.33	0.63	0.005	AGAT_FAICP		
			C69165	125.33	126.62	1.29	0.004	AGAT_FAICP		
			C69167	126.62	127.4	0.78	0.004	AGAT_FAICP		
			C69168	127.4	128.84	1.44	0.003	AGAT_FAICP		
			C69169	128.84	129.84	1	0.003	AGAT_FAICP		
			C69170	129.84	130.44	0.6	0.003	AGAT_FAICP		
130.44	141.36	(DIA) Diabase Dike, ()	C69171	130.44	131.8	1.36	0.005	AGAT_FAICP		
Fine grained diabase with salt and pepper texture of plagioclase crystals. Upper and lower contacts are very fine grained due to chill contacts.			C69173	131.8	133.16	1.36	0.004	AGAT_FAICP		
			C69174	133.16	134.5	1.34	0.004	AGAT_FAICP		
			C69175	134.5	135.95	1.45	0.004	AGAT_FAICP		
			C69176	135.95	137.2	1.25	0.004	AGAT_FAICP		
			C69177	137.2	138.6	1.4	0.006	AGAT_FAICP		
			C69179	138.6	139.86	1.26	0.004	AGAT_FAICP		
			C69180	139.86	141.36	1.5	0.004	AGAT_FAICP		
141.36	142.78	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	C69181	141.36	142.78	1.42	0.003	AGAT_FAICP		
Lamprophyre with carb/plag vesicles and xenoliths										
142.78	147.94	(DIA) Diabase Dike, ()	C69182	142.78	144	1.22	0.004	AGAT_FAICP		
Diabase			C69183	144	145.37	1.37	0.004	AGAT_FAICP		
			C69184	145.37	146.79	1.42	0.004	AGAT_FAICP		
			C69185	146.79	147.94	1.15	0.004	AGAT_FAICP		
147.94	149.29	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	C69187	147.94	148.4	0.46	0.001	AGAT_FAICP		
Lamprophyre dyke contains a short diabase from 148.40 - 148.58 with an upper contact of 42/340 and a lower contact of 60/293. Lamp is strongly magnetic			C69188	148.4	149.29	0.89	0.002	AGAT_FAICP		
149.29	150.25	(DIA) Diabase Dike, ()	C69189	149.29	150.25	0.96	0.004	AGAT_FAICP		
Diabase										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
150.25	152.12	(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, (AMPIN) Intermediate Amphibolite (50-69% amphibole) Unit is very gradational with varying amphibole and biotite background content. Alternating between AMPIN and FGSBI. Gradational sedimentary package. Strongly foliated. Low garnet content but present. Very low sulphide content	C69190	150.25	150.7	0.45	0.002	AGAT_FAICP		
			C69191	150.7	151.38	0.68	0.002	AGAT_FAICP		
			C69193	151.38	152.12	0.74	0.002	AGAT_FAICP		
152.12	153.32	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone Unit is gradational with varying background amphibole and biotite content. Very low sulphide content. Thin barren quartz veins crosscut the unit with a moderately high angle to core axis. Garnet content is low but higher than previous with some massive examples often found in aggregates. Very low sulphide content.	C69194	152.12	153.32	1.2	0.002	AGAT_FAICP		
153.32	153.71	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Lamprophyre is highly magnetic	C69195	153.32	153.71	0.39	0.001	AGAT_FAICP		
153.71	154.78	(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, (AMPIN) Intermediate Amphibolite (50-69% amphibole) Unit is highly gradational (sediment) with background amphibole/biotite content varying throughout with amphibole being dominant. Very low sulphide content.	C69196	153.71	154.78	1.07	0.004	AGAT_FAICP		
154.78	155.20	(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, (FGSBI) FGS (10-29% BI) above or proximal to gold zone Combination of FGSBI and AMPIN with moderate riebeckite alteration due to proximal LAMP. Very low sulphide.	C69197	154.78	155.2	0.42	0.002	AGAT_FAICP		
155.20	157.28	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke UMD-LAMP. Poorly defined contact	C69199	155.2	156.62	1.42	0.002	AGAT_FAICP		
			C69200	156.62	157.28	0.66	0.002	AGAT_FAICP		
157.28	157.72	(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, (FGSBI) FGS (10-29% BI) above or proximal to gold zone FGSBI with varying background amphibole content. Moderate riebeckite content. Very low sulphide content	C69201	157.28	157.72	0.44	0.001	AGAT_FAICP		
157.72	158.60	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50%	C69202	157.72	159.1	1.38	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		quartz) Pegmatite has very low sulphide content. Feldspar dominated by k-spar.								
158.60	159.10	(AMP) Amphibolite, () Short amphibolite contains a short lamprophyre at the upper contact. Low sulphide content with pyrrhotite as the dominant variety.								
159.10	159.90	(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, () Predominantly FGS with a few patches of amphibolite. Very low sulphide content.	C69203	159.1	159.9	0.8	0.001	AGAT_FAICP		
159.90	160.31	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Pegmatite is pulverized from proximal Lamp with a strong presence of chlorite between individual grains. Low sulphide content with pyrite as the dominant species. Py 80 / Po 20	C69204	159.9	160.31	0.41	0.002	AGAT_FAICP		
160.31	163.25	(UMD, AMP) UMLAMP Dike, Amphibolite, (LAMPD) UMD - Lamprophyre Dyke Lamprophyre contains a short amphibolite at the upper contact.	C69205 C69207 C69208	160.31 161.68 162.43	161.68 162.43 163.25	1.37 0.75 0.82	0.001 0.001 0.002	AGAT_FAICP AGAT_FAICP AGAT_FAICP		
163.25	165.73	(AMPG) Amphibole Felsic Gneiss, () Amphibolite contains a moderate porphyritic texture with medium grained amphibole porphyroblasts. White felsic background surrounds porphyroblasts. Very low CPX. Very low sulphide content Unit contains strong foliation 5-6.	C69209 C69210	163.25 164.25	164.25 165.73	1 1.48	0.001 0.009	AGAT_FAICP AGAT_FAICP		
165.73	167.66	(AMP) Amphibolite, () Amphibolite has a low cpx content. Very low sulphide content. Strain intensity is strong.	C69211 C69213	165.73 166.72	166.72 167.66	0.99 0.94	0.003 0.003	AGAT_FAICP AGAT_FAICP		
167.66	168.70	(FGS) Felsic Gneiss Sedimentary, () Unit contains a short pegmatite at upper contact. Very low sulphide content.	C69214	167.66	168.7	1.04	0.002	AGAT_FAICP		
168.70	169.70	(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	C69215 C69216	168.7 169.26	169.26 169.7	0.56 0.44	0.002 0.002	AGAT_FAICP AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
Varying biotite/amphibole content throughout. Unit contains strong foliation. Several garnets throughout with some massive examples reaching 6.0 mm's in size. Sulphide content is very low.										
169.70	171.63	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	C69217	169.7	171	1.3	0.002	AGAT_FAICP		
		UMD - Lamp. Nothing special	C69219	171	171.63	0.63	0.0005	AGAT_FAICP		
171.63	175.74	(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, (FGSGB) Variable BI + garnets below the gold zone	C69220	171.63	172.37	0.74	0.004	AGAT_FAICP		
Varying background amphibole vs biotite throughout. Several garnets present. Moderately high biotite content. Low sulphide content. Pyrrhotite dominant over pyrite Po 85/ Py 15. Unit is strongly foliated. Gradational unit is highly likely a sedimentary sequence.										
			C69221	172.37	173.87	1.5	0.003	AGAT_FAICP		
			C69222	173.87	175.04	1.17	0.007	AGAT_FAICP		
			C69223	175.04	175.74	0.7	0.002	AGAT_FAICP		
175.74	176.34	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	C69224	175.74	176.34	0.6	0.001	AGAT_FAICP		
Pegmatite contains moderate sulphide content Po 60 / Py 40 %. Grey glassy quartz contained in the mid portion of the unit which is likely related to the proximal Lamprophyre at lower contact. Silica content is 60%. Plag dominated										
176.34	176.68	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	C69225	176.34	176.68	0.34	0.0005	AGAT_FAICP		
176.68	177.35	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	C69227	176.68	177.35	0.67	0.001	AGAT_FAICP		
Medium grained Pegmatite. Very low sulphide content. Silica content 50%. Grey/smokey quartz flooded areas but are barren. Plagioclase 35%										
177.35	177.80	(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, (FGSGB) Variable BI + garnets below the gold zone	C69228	177.35	177.8	0.45	0.006	AGAT_FAICP		
Intermixed FGSGB and AMP. Biotite and amphibole content is highly variable throughout. Salty texture of fine grained plagioclase trending with foliation. Low sulphide content. Po 80 / Py 20 %										
177.80	179.70	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	C69229	177.8	179.21	1.41	0.0005	AGAT_FAICP		
		Lamprophyre dyke. Magnetic	C69230	179.21	179.7	0.49	0.0005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
179.70	182.16	(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, (FGSBI) FGS (10-29% BI) above or proximal to gold zone FGSBI and AMPIN intermixed. Unit is highly gradational with alternating background biotite vs amphibole throughout. Garnet content much lower than previous units. Thin glassy quartz veins crosscut the unit but are barren. Fine grained plagioclase trend with foliation producing a salty texture. Low sulphide content. Unit contains moderate to strong foliation	C69231	179.7	180.45	0.75	0.007	AGAT_FAICP		
			C69233	180.45	181	0.55	0.003	AGAT_FAICP		
			C69234	181	181.65	0.65	0.003	AGAT_FAICP		
			C69235	181.65	182.16	0.51	0.003	AGAT_FAICP		
182.16	182.54	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz) 50% QZ 35% PF 6% Bio. Very low sulphide content.	C69236	182.16	182.54	0.38	0.001	AGAT_FAICP		
182.54	195.97	(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, (FGSGB) Variable BI + garnets below the gold zone Gradational unit with varying biotite vs amphibole background content. Several massive garnets as well as patches/aggregates are present. Fine grained plagioclase trends with foliation producing a salty texture. Thin glassy quartz veinlets crosscut the unit at moderate angle to core axis but are barren. Sulphide content is low Po 80 / Py 20. Strong foliation throughout. Three short lamprophyres contained within unit. First from 186.39 - 186.52 m's with an upper contact of 31/296 and a lower contact of 31/306. Second 191.15 - 191.40 m's with an upper contact of 32/340 and a lower contact of 49/312. Third from 191.70 - 191.80 m's with an upper contact of 40/310 and a lower contact of 41/315	C69237	182.54	183.05	0.51	0.002	AGAT_FAICP		
			C69239	183.05	183.93	0.88	0.002	AGAT_FAICP		
			C69240	183.93	184.28	0.35	0.001	AGAT_FAICP		
			C69241	184.28	185.2	0.92	0.002	AGAT_FAICP		
			C69242	185.2	186	0.8	0.019	AGAT_FAICP		
			C69243	186	186.79	0.79	0.003	AGAT_FAICP		
			C69251	191.8	192.82	1.02	0.002	AGAT_FAICP		
			C69253	192.82	194.15	1.33	0.008	AGAT_FAICP		
			C69254	194.15	195	0.85	0.002	AGAT_FAICP		
			C69255	195	195.97	0.97	0.008	AGAT_FAICP		
			C69244	186.79	187.32	0.53	0.004	AGAT_FAICP		
			C69245	187.32	188	0.68	0.002	AGAT_FAICP		
			C69247	188	189.32	1.32	0.004	AGAT_FAICP		
			C69248	189.32	190.5	1.18	0.003	AGAT_FAICP		
			C69249	190.5	191.15	0.65	0.003	AGAT_FAICP		
C69250	191.15	191.8	0.65	0.001	AGAT_FAICP					
195.97	196.88	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone FGS contains strong foliation throughout. Moderate biotite content. Moderate chloritic and sericitic alteration via moderate angled veinlets and pervasive flooding in mid portion of unit. Very low sulphide content. Garnet presence is very low but a few very fine grained examples are observable.	C69256	195.97	196.88	0.91	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
196.88	199.91	(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, (FGSBI) FGS (10-29% BI) above or proximal to gold zone Highly gradational unit between background amphibole and biotite content. A true sedimentary hybrid sequence. Unit contains strong foliation throughout. Garnets are found in aggregates as well as sole massive examples up to 10 mm's in size. Sulphide content is moderately low and is found in patches. Pyrrhotite is the dominant variety Po 85 / Py 15 %.	C69257	196.88	197.25	0.37	0.069	AGAT_FAICP		
			C69259	197.25	197.63	0.38	0.004	AGAT_FAICP		
			C69260	197.63	198.13	0.5	0.002	AGAT_FAICP		
			C69261	198.13	199.2	1.07	0.001	AGAT_FAICP		
			C69262	199.2	199.91	0.71	0.006	AGAT_FAICP		
199.91	201.31	(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, (AMPIN) Intermediate Amphibolite (50-69% amphibole) Unit is mainly AMPIN but weaker amphibole sections have a higher biotite content. Unit is very fine grained. Very low sulphide content. Garnet content is very low.	C69263	199.91	201.31	1.4	0.001	AGAT_FAICP		
201.31	202.35	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Granitic pegmatite. Very low sulphide content. QZ 45% Plag 40% Bio 5%	C69264	201.31	202.35	1.04	0.0005	AGAT_FAICP		
202.35	203.03	(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, (FGSBI) FGS (10-29% BI) above or proximal to gold zone Combination of FGSBI and AMPIN. Unit is homogenous. Weak to moderate riebeckite alteration. Light salty texture due to fine grained plagioclase trending with foliation. Very low sulphide.	C69265	202.35	203.03	0.68	0.003	AGAT_FAICP		
203.03	203.75	(DIA) Diabase Dike, () Diabase. Loss of line	C69267	203.03	203.75	0.72	0.002	AGAT_FAICP		
203.75	206.74	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Lamprophyre is strongly magnetic. Moderate sized xenoliths and vesicles.	C69268	203.75	205.1	1.35	0.001	AGAT_FAICP		
			C69269	205.1	206	0.9	0.009	AGAT_FAICP		
			C69270	206	206.74	0.74	0.003	AGAT_FAICP		
206.74	218.95	(DIA) Diabase Dike, () Diabase contains a short lamprophyre from 207.45 - 207.75 m's.	C69271	206.74	208.08	1.34	0.0005	AGAT_FAICP		
			C69273	208.08	208.95	0.87	0.002	AGAT_FAICP		
			C69274	208.95	210.33	1.38	0.0005	AGAT_FAICP		
			C69275	210.33	211.76	1.43	0.0005	AGAT_FAICP		
			C69276	211.76	213.17	1.41	0.0005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C69277	213.17	214.6	1.43	0.001	AGAT_FAICP		
			C69279	214.6	216	1.4	0.001	AGAT_FAICP		
			C69280	216	217.5	1.5	0.0005	AGAT_FAICP		
			C69281	217.5	218.95	1.45	0.002	AGAT_FAICP		
218.95	233.72	(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	C69282	218.95	220.45	1.5	0.002	AGAT_FAICP		
			C69283	220.45	221.95	1.5	0.001	AGAT_FAICP		
			C69284	221.95	222.7	0.75	0.009	AGAT_FAICP		
			C69285	222.7	223.93	1.23	0.004	AGAT_FAICP		
			C69287	223.93	225.3	1.37	0.006	AGAT_FAICP		
			C69288	225.3	226.75	1.45	0.009	AGAT_FAICP		
			C69296	232.95	233.72	0.77	0.002	AGAT_FAICP		
			C69289	226.75	227.25	0.5	0.004	AGAT_FAICP		
			C69290	227.25	228.55	1.3	0.006	AGAT_FAICP		
			C69291	228.55	229	0.45	0.006	AGAT_FAICP		
			C69293	229	230.15	1.15	0.012	AGAT_FAICP		
			C69294	230.15	231.55	1.4	0.002	AGAT_FAICP		
			C69295	231.55	232.95	1.4	0.003	AGAT_FAICP		
233.72	234.57	(MAM, AMP) Mottled Amphibolite, Amphibolite, ()	C69297	233.72	234.57	0.85	0.003	AGAT_FAICP		
		Numerous thin glassy quartz veins crosscut the unit parallel to foliation with low sulphide content Po 60 / Py 40 %. Short lamprophyre is contained from 234.00 - 234.20 m's with a lower contact of 65/145. Salty texture due to fine grained plagioclase.								
234.57	256.73	(GBFG, AMP) Garnet Biotite Felsic Gneiss, Amphibolite, ()	C69299	234.57	235.52	0.95	0.006	AGAT_FAICP		
			C69300	235.52	236.29	0.77	0.004	AGAT_FAICP		
			C69301	236.29	237.55	1.26	0.014	AGAT_FAICP		
			C69302	237.55	238.45	0.9	0.004	AGAT_FAICP		
			C69303	238.45	239.3	0.85	0.006	AGAT_FAICP		
			C69304	239.3	240.27	0.97	0.005	AGAT_FAICP		
			C69327	256.43	256.73	0.3	0.016	AGAT_FAICP		
			C69320	250.92	252.2	1.28	0.003	AGAT_FAICP		
			C69321	252.2	253.4	1.2	0.003	AGAT_FAICP		
			C69322	253.4	254.07	0.67	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C69323	254.07	254.5	0.43	0.003	AGAT_FAICP		
			C69324	254.5	255.55	1.05	0.002	AGAT_FAICP		
			C69325	255.55	256.43	0.88	0.009	AGAT_FAICP		
			C69313	245.75	247.07	1.32	0.003	AGAT_FAICP		
			C69314	247.07	247.7	0.63	0.009	AGAT_FAICP		
			C69315	247.7	248.07	0.37	0.004	AGAT_FAICP		
			C69316	248.07	249.56	1.49	0.003	AGAT_FAICP		
			C69317	249.56	250.17	0.61	0.005	AGAT_FAICP		
			C69319	250.17	250.92	0.75	0.002	AGAT_FAICP		
			C69305	240.27	240.78	0.51	0.004	AGAT_FAICP		
			C69307	240.78	242	1.22	0.012	AGAT_FAICP		
			C69308	242	243.28	1.28	0.006	AGAT_FAICP		
			C69309	243.28	244.03	0.75	0.107	AGAT_FAICP		
			C69310	244.03	244.8	0.77	0.003	AGAT_FAICP		
			C69311	244.8	245.75	0.95	0.003	AGAT_FAICP		
256.73	257.15	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	C69328	256.73	257.15	0.42	0.021	AGAT_FAICP		
		45% Plagioclase 45% Quartz pegmatite 6% Bio 0.75% sulphide Po 65 / Py 35								
257.15	258.75	(DIA) Diabase Dike, ()	C69329	257.15	257.94	0.79	0.008	AGAT_FAICP		
		Very fine grained diabase with low plagioclase content	C69330	257.94	258.75	0.81	0.008	AGAT_FAICP		
258.75	265.95	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	C69331	258.75	259.84	1.09	0.001	AGAT_FAICP		
		FGS contains moderate garnet content which are mainly fine grained. Sulphide content is moderately high with pyrrhotite as the dominant species Po 75 / Py 25. Short sections of GBFG/AMP are observable. Moderate angled veinlets carrying weak to moderate potassic/sericitic alteration.	C69333	259.84	261.06	1.22	0.007	AGAT_FAICP		
			C69334	261.06	262.4	1.34	0.003	AGAT_FAICP		
			C69335	262.4	263.17	0.77	0.006	AGAT_FAICP		
			C69336	263.17	264.58	1.41	0.002	AGAT_FAICP		
			C69337	264.58	265.93	1.35	0.005	AGAT_FAICP		
265.95	266.28	(GBFG, AMP) Garnet Biotite Felsic Gneiss, Amphibolite, ()	C69339	265.93	266.28	0.35	0.009	AGAT_FAICP		
		Numerous massive garnets. Moderately low sulphide content 1.25 % Po 80 / Py 20 %. Patches of moderate sericitic alteration in middle of unit. Low riebeckite presence. Salty plagioclase texture along foliation fabric.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
266.28	266.78	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone Strong sericitic alteration/Moderate chloritic alteration. Low sulphide content. Fine grained garnets.	C69340	266.28	266.78	0.5	0.004	AGAT_FAICP		
266.78	267.30	(FGS) Felsic Gneiss Sedimentary, () Unit is a mess. First 20 cm's has a high biotite and moderate background amphibole content with low sulphide content and some minor quartz flooding. Mid portion of the unit has a fine grained pegmatite with moderate sulphide content with pyrrhotite being dominant over pyrite in overall percentage. Lower section has a salty texture due to fine grained plagioclase along foliation fabric with low sulphide content.	C69341	266.78	267.3	0.52	0.013	AGAT_FAICP		
267.30	267.75	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Lamprophyre is fine grained with low amount of xenolith/vesicle	C69342	267.3	267.75	0.45	0.002	AGAT_FAICP		
267.75	269.00	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone Moderate to strong foliation fabric throughout. Moderate fine grained garnet content with some massive examples. Large QV contained within unit from 268.28 - 268.48 m's with an upper contact 63/293 and a lower contact 58/304. Sulphide content is low but both pyrite and pyrrhotite are present. Weak amphibole content but observable.	C69343 C69344 C69345	267.75 268.18 268.62	268.18 268.62 269	0.43 0.44 0.38	0.004 0.004 0.006	AGAT_FAICP AGAT_FAICP AGAT_FAICP		
269.00	270.05	(MAM) Mottled Amphibolite, () Amphibolite unit contains numerous glassy quartz veins parallel to foliation combined with moderate quartz flooding. Sulphide content is moderate with similar ratios of pyrrhotite to pyrite. Moderate garnet content ranging from fine - coarse grained examples. Moderate folding signatures. Moderate to strong foliation fabric.	C69347 C69348	269 269.4	269.4 270.05	0.4 0.65	0.023 0.038	AGAT_FAICP AGAT_FAICP		
270.05	272.15	(AMP, GBFG) Amphibolite, Garnet Biotite Felsic Gneiss, (AMPIN) Intermediate Amphibolite (50-69% amphibole) Hybrid unit with amp content being slightly higher. Moderately high garnet content ranging from fine to coarse grained examples. Moderate sulphide content with pyrrhotite being dominant over pyrite Po 70/ Py 30 %. Foliation ranges from moderate to strong throughout. Thin glassy quartz veins crosscut the unit at moderate angle and range from low to moderate sulphide content. Moderate folding signatures mainly close-tight F1's.	C69349 C69350 C69351	270.05 270.55 271.34	270.55 271.34 272.15	0.5 0.79 0.81	0.021 0.037 0.075	AGAT_FAICP AGAT_FAICP AGAT_FAICP		
272.15	272.85	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI +	C69353	272.15	272.85	0.7	0.011	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
garnets below the gold zone										
FGSGB contains several fine grained garnets. Sulphide content is low. Moderate to strong foliation fabric. Minor folding tight F1's. Weak sericitic veinlets crosscut at moderate angle to core axis.										
272.85	273.75	(AMP, GBFG) Amphibolite, Garnet Biotite Felsic Gneiss, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	C69354	272.85	273.26	0.41	0.015	AGAT_FAICP		
			C69355	273.26	273.75	0.49	0.009	AGAT_FAICP		
Hybrid unit with amp content being slightly higher. Moderately high garnet content ranging from fine to coarse grained examples. Moderate sulphide content with pyrrhotite being dominant over pyrite Po 70/ Py 30 %. Foliation ranges from moderate to strong throughout. Short glassy quartz veins crosscut the unit at moderate angle and range from low to moderate sulphide content. Moderate folding signatures mainly close-tight F1's. Thin lamprophyre is contained at 273.10 with an upper contact of 26/303.										
273.75	274.50	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	C69356	273.75	274.5	0.75	0.005	AGAT_FAICP		
FGS contains moderately low garnet content. Low sulphide content. Quartz flooded areas present but no increase in sulphides.										
274.50	275.41	(AMP, GBFG) Amphibolite, Garnet Biotite Felsic Gneiss, ()	C69357	274.5	275.03	0.53	0.012	AGAT_FAICP		
			C69359	275.03	275.41	0.38	0.006	AGAT_FAICP		
Hybrid unit between AMP and GBFG. Thin quartz veins moderately angled to core axis along with weak quartz flooded produces a moderately weak MAM appearance. Sulphide content is moderately low with pyrrhotite being dominant over pyrite Po 75/ Py 25 %. Tight F1 folds in quartz veined/flooded areas with an increase in sulphide content. Foliation is moderate to strong throughout. Numerous massive garnets. Short lamprophyre contained from 275.04 - 275.10 m's with an upper contact of a65/b24 and a70/b20										
275.41	275.89	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	C69360	275.41	275.9	0.49	0.003	AGAT_FAICP		
275.89	277.75	(MAM, GBFG) Mottled Amphibolite, Garnet Biotite Felsic Gneiss, ()	C69361	275.9	276.8	0.9	0.037	AGAT_FAICP		
			C69362	276.8	277.26	0.46	0.006	AGAT_FAICP		
			C69363	277.26	277.75	0.49	0.044	AGAT_FAICP		
Unit contains strong F1 folding and an obvious foliation convergence with a 180 degree change. Moderate sulphide content in quartz flooded/veined area with pyrrhotite being dominant Po 80 / Py 20 %. Numerous massive garnets observable as massive / aggregates.										
277.75	278.67	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	C69364	277.75	278.67	0.92	0.004	AGAT_FAICP		
FGS contains numerous garnets ranging from fine to coarse grained. Low sulphide content. Weak silicic alteration via selvage. Weak moderate angled veinlets carrying sericitic										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
alteration.										
278.67	282.73	(AMP, GBFG) Amphibolite, Garnet Biotite Felsic Gneiss, ()	C69365	278.67	279.97	1.3	0.029	AGAT_FAICP		
Combination of AMP/GBFG. Numerous massive garnets throughout. Sulphide content is low but moderate in areas with thin quartz flooding.			C69367	279.97	280.88	0.91	0.005	AGAT_FAICP		
			C69368	280.88	281.66	0.78	0.014	AGAT_FAICP		
			C69369	281.66	282.37	0.71	0.002	AGAT_FAICP		
			C69370	282.37	282.73	0.36	0.022	AGAT_FAICP		
282.73	283.70	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	C69371	282.73	283.7	0.97	0.003	AGAT_FAICP		
FGS contains several fine grained and a few massive garnets. Sulphide content overall is low. Thick slightly glassy undifferentiated quartz vein contained from 283.05 - 283.33m's contains low sulphide content and amp/cpx (see veining tab). Moderate to strong foliation fabric										
283.70	284.00	(MAM, AMP) Mottled Amphibolite, Amphibolite, ()	C69373	283.7	284	0.3	0.01	AGAT_FAICP		
Moderately quartz flooded/veined amphibolite unit with moderately low sulphide content. Quartz is glassy/white										
284.00	286.98	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	C69374	284	285.37	1.37	0.004	AGAT_FAICP		
FGS unit contains moderate garnet content throughout ranging from fine to coarse grained examples. Foliation is moderate to strong throughout. Low sulphide content with both pyrite and pyrrhotite present. Quartz flooded/veined area at lower contact has an increase in sulphide content. Short pegmatite contained from 286.10 - 286.25 contains some large examples of muscovite.			C69375	285.37	286.1	0.73	0.0005	AGAT_FAICP		
			C69376	286.1	286.98	0.88	0.006	AGAT_FAICP		
286.98	287.52	(AMP) Amphibolite, ()	C69377	286.98	287.52	0.54	0.015	AGAT_FAICP		
Amphibolite contains numerous massive garnets throughout. Low sulphide content. Moderate to strong foliation fabric.										
287.52	293.70	(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, (FGSGB) Variable BI + garnets below the gold zone	C69379	287.52	288	0.48	0.0005	AGAT_FAICP		
Moderate garnet presence throughout. Short sections of increased amphibole content as well as quartz flooded and sulphide content increasing. Moderate sericitic alteration via veinlets crosscutting the unit at various angles. Moderate chloritic alteration via dissemination. Background amphibole content varies throughout unit. Sulphide content is moderately low			C69380	288	288.6	0.6	0.0005	AGAT_FAICP		
			C69381	288.6	289.77	1.17	0.0005	AGAT_FAICP		
			C69382	289.77	290.11	0.34	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C69383	290.11	290.6	0.49	0.0005	AGAT_FAICP		
			C69384	290.6	291	0.4	0.169	AGAT_FAICP		
			C69385	291	292.2	1.2	0.0005	AGAT_FAICP		
			C69387	292.2	292.98	0.78	0.0005	AGAT_FAICP		
			C69388	292.98	293.7	0.72	0.0005	AGAT_FAICP		
293.70	296.21	(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, ()	C69389	293.7	294.93	1.23	0.008	AGAT_FAICP		
		Amphibolite unit contains numerous coarse grained garnets throughout. Moderately low sulphide content. Thin quartz veins crosscut the unit and are tightly folded via F1 deformation. Numerous shallow angled veinlets carrying strong sulphide content are contained 294.00 - 294.60 m's. No VG spotted but veinlets are very similar to AMPFW veins in the core library.	C69390	294.93	295.37	0.44	0.161	AGAT_FAICP		
			C69391	295.37	295.9	0.53	0.04	AGAT_FAICP		
			C69393	295.9	296.21	0.31	0.033	AGAT_FAICP		
296.21	296.60	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	C69394	296.21	296.6	0.39	0.002	AGAT_FAICP		
		FGSGB contains numerous fine grained garnets. Moderate to strong foliation fabric. Low sulphide content.								
296.60	298.73	(DIA) Diabase Dike, ()	C69395	296.6	298.05	1.45	0.0005	AGAT_FAICP		
			C69396	298.05	298.73	0.68	0.001	AGAT_FAICP		
298.73	321.85	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	C69397	298.73	299.6	0.87	0.004	AGAT_FAICP		
		FGSGB contains numerous fine grained garnets. Sulphide content within unit is moderate due to large patches of pyrrhotite/pyrite. Pyrrhotite is slightly more dominate. Short bands at high angle to core axis carry moderate potassic alteration. Muscovite content is low but observable especially in pegmatitic areas. Clotty textures similar to FGG from 317.00-319.50m's with weak muscovite. A short pegmatite is contained from 302.40 - 302.60 (see veining tab). Short lamprophyre contained from 315.50 - 315.61 m's with an upper contact 55/314 and a lower contact of 50/322.	C69399	299.6	300.4	0.8	0.007	AGAT_FAICP		
			C69400	300.4	301.83	1.43	0.0005	AGAT_FAICP		
			C69401	301.83	302.3	0.47	0.0005	AGAT_FAICP		
			C69402	302.3	302.66	0.36	0.001	AGAT_FAICP		
			C69403	302.66	304.1	1.44	0.0005	AGAT_FAICP		
			C69419	318.6	319.95	1.35	0.0005	AGAT_FAICP		
			C69420	319.95	320.92	0.97	0.0005	AGAT_FAICP		
			C69421	320.92	321.85	0.93	0.0005	AGAT_FAICP		
			C69411	311.68	313.12	1.44	0.0005	AGAT_FAICP		
			C69413	313.12	314.61	1.49	0.0005	AGAT_FAICP		
			C69414	314.61	316.03	1.42	0.0005	AGAT_FAICP		
			C69415	316.03	317.05	1.02	0.004	AGAT_FAICP		
			C69416	317.05	317.85	0.8	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C69417	317.85	318.6	0.75	0.0005	AGAT_FAICP		
			C69404	304.1	305.2	1.1	0.001	AGAT_FAICP		
			C69405	305.2	306	0.8	0.0005	AGAT_FAICP		
			C69407	306	307.45	1.45	0.001	AGAT_FAICP		
			C69408	307.45	308.8	1.35	0.006	AGAT_FAICP		
			C69409	308.8	310.24	1.44	0.01	AGAT_FAICP		
			C69410	310.24	311.68	1.44	0.0005	AGAT_FAICP		
321.85	322.40	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	C69422	321.85	322.4	0.55	0.0005	AGAT_FAICP		
		Short lamprophyre with fine to medium sized xenoliths/vesicles. Strong sericitic/chloritic alteration in mid portion of unit.								
322.40	325.20	(FGS) Felsic Gneiss Sedimentary, ()	C69423	322.4	323.76	1.36	0.003	AGAT_FAICP		
		FGSGB with moderately low garnet content which are mainly fine grained. Upper contact has a salty plag/k-spar texture due to close proximity of UMD. Moderate riebeckite/chlorite alteration in upper contact also. Low sulphide content with both pyrite and pyrrhotite present.								
			C69424	323.76	325.2	1.44	0.016	AGAT_FAICP		
325.20	325.83	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	C69425	325.2	325.83	0.63	0.002	AGAT_FAICP		
		Lamprophyre is fine grained and highly magnetic								
325.83	329.75	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	C69427	325.83	327.21	1.38	0.009	AGAT_FAICP		
		Moderately low garnet content with most being fine grained. Sulphide content is moderately low with both pyrrhotite and pyrite present Py 65/Po35 %. Thin pegmatitic sections present throughout but are barren. Strong sericitic and chloritic alteration in some areas likely due to a near by UMD. Unit contains moderate foliation fabric.								
			C69428	327.21	328.03	0.82	0.013	AGAT_FAICP		
			C69429	328.03	328.45	0.42	0.004	AGAT_FAICP		
			C69430	328.45	329.75	1.3	0.029	AGAT_FAICP		
329.75	330.85	(QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated	C69431	329.75	330.21	0.46	0.0005	AGAT_FAICP		
		Quartz vein is moderately low sulphide content. Sulphide content increase downhole with the majority hosted in the last 30 cm's of unit. Pyrite is dominant over pyrrhotite Py75/Po25%. Large muscovite examples along with biotite present. Unit fines downwards. Moderate sericitic alteration along lower contact. Mild reaction rims on k-spar.								
			C69433	330.21	330.85	0.64	0.005	AGAT_FAICP		
330.85	332.95	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	C69434	330.85	331.4	0.55	0.005	AGAT_FAICP		
		FGSGB has a low garnet content and are mainly present in patches. Sulphide content is low.								
			C69435	331.4	332.28	0.88	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Short QV/Pegmatitic veins throughout but are barren and contain highly variable contacts. Salty texture from fine grained plag	C69436	332.28	332.95	0.67	0.004	AGAT_FAICP		
332.95	333.55	(PEG, QV) Pegmatite, Quartz Vein, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	C69437	332.95	333.55	0.6	0.003	AGAT_FAICP		Could potentially be a QV with pegmatitic material within. Reaction rims and poorly formed k-spar. Low sulphide content with pyrite being dominant over pyrrhotite. Minor amp/cpx.
333.55	339.50	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	C69439	333.55	334.32	0.77	0.009	AGAT_FAICP		FGSGB with a slight increase in garnet content from previous FGSGB. Sulphide content is low with pyrite dominant over pyrrhotite content Py 80 / Po 20. Fine grained pegmatitic sections are present throughout but also have low sulphide content. Occasional muscovite example present.
			C69440	334.32	335.67	1.35	0.004	AGAT_FAICP		
			C69441	335.67	337.08	1.41	0.003	AGAT_FAICP		
			C69442	337.08	338.5	1.42	0.002	AGAT_FAICP		
			C69443	338.5	339.5	1	0.002	AGAT_FAICP		
339.50	342.55	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	C69444	339.5	340.42	0.92	0.003	AGAT_FAICP		Pegmatite contains some finer sections with higher quartz content in conjunction with sulphide increase. Both pyrite and pyrrhotite are present with pyrite being slightly more dominant Py 65/ Po 35. Disseminated chloritic alteration present in quartz/sulphide increased areas.
			C69445	340.42	341.3	0.88	0.009	AGAT_FAICP		
			C69447	341.3	341.64	0.34	0.029	AGAT_FAICP		
			C69448	341.64	342.55	0.91	0.002	AGAT_FAICP		
342.55	352.46	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	C69449	342.55	343.5	0.95	0.01	AGAT_FAICP		FGSGB contains moderate fine grained garnet content. Sulphide content is low but increased from previous unit. Several sections of moderate quartz flooding but sulphide content isn't greatly adjusted. Short lamprophyre contained from 349.30 - 349.35 m's as well as 349.95-349.99 m's.
			C69450	343.5	344.45	0.95	0.005	AGAT_FAICP		
			C69451	344.45	345.66	1.21	0.008	AGAT_FAICP		
			C69453	345.66	347	1.34	0.005	AGAT_FAICP		
			C69454	347	348.22	1.22	0.005	AGAT_FAICP		
			C69455	348.22	349.2	0.98	0.007	AGAT_FAICP		
			C69456	349.2	350.67	1.47	0.004	AGAT_FAICP		
			C69457	350.67	351.38	0.71	0.003	AGAT_FAICP		
			C69459	351.38	351.85	0.47	0.003	AGAT_FAICP		
			C69460	351.85	352.46	0.61	0.005	AGAT_FAICP		
352.46	353.20	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	C69461	352.46	353.2	0.74	0.002	AGAT_FAICP		Magnetic Lamprophyre

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
353.20	354.30	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone FGSGB contains low garnet content. Disseminated chloritic and riebeckite alteration. Low sulphide content.	C69462	353.2	353.94	0.74	0.002	AGAT_FAICP		
			C69463	353.94	354.3	0.36	0.002	AGAT_FAICP		
354.30	354.67	(UMD) UMLAMP DiKe, (LAMPD) UMD - Lamprophyre Dyke	C69464	354.3	354.67	0.37	0.006	AGAT_FAICP		
354.67	356.86	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone FGSGB contains short pegmatitic sections but are barren. Low sulphide content overall. Garnet content is low	C69465	354.67	356.1	1.43	0.014	AGAT_FAICP		
			C69467	356.1	356.86	0.76	0.004	AGAT_FAICP		
356.86	357.23	(UMD) UMLAMP DiKe, (LAMPD) UMD - Lamprophyre Dyke Fine grained lamprophyre.	C69468	356.86	357.32	0.46	0.002	AGAT_FAICP		
357.23	360.25	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone FGSGB contains numerous quartz flooded areas with a moderate increase in sulphides as well as pegmatitic sections. Overall sulphide content is low with pyrite being dominant over pyrrhotite. Salty texture due to fine grained plagioclase. Higher garnet content than previous FGSGB	C69469	357.32	358	0.68	0.005	AGAT_FAICP		
			C69470	358	358.55	0.55	0.003	AGAT_FAICP		
			C69471	358.55	359	0.45	0.004	AGAT_FAICP		
			C69473	359	360.23	1.23	0.006	AGAT_FAICP		
360.25	361.20	(PEG, QV) Pegmatite, Quartz Vein, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz) Pegmatite contains fine grained quartz flooded areas with a slight increase in sulphide content. Pyrite is dominant over pyrrhotite Py 90 / Po 10 but overall sulphide content is low.	C69474	360.23	361.2	0.97	0.009	AGAT_FAICP		
361.20	366.00	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone FGSGB contains a moderate amount of fine grained garnets. Sulphide content is low. Increase in biotite from previous FGSGB. Short pegmatite contained from 364.57-364.83 m's. Weak quartz flooding in lower portion of unit. EOH=366.00	C69475	361.2	362.66	1.46	0.007	AGAT_FAICP		
			C69476	362.66	363.83	1.17	0.028	AGAT_FAICP		
			C69477	363.83	364.87	1.04	0.006	AGAT_FAICP		
			C69479	364.87	366	1.13	0.005	AGAT_FAICP	EOH=366.00	

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
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Hole ID : RD19-00004

Project : Borden

Drilling Details :

Azimuth : 153
 Dip : -44.5
 Length : 356
 Drill Start : 5-Mar-2019
 Drill Completed : 12-Mar-2019
 Core Size : NQ
 Drill Company : Major
 Oriented Core : Yes

Location Details :

Easting : 343330
 Northing : 5303403
 Elevation : 430
 UTM Grid : NAD83_UTMZ17N_GPS
 Township : Gamey
 Storage Location : Chapleau Ont

Logging Details :

Logged By : Daniel.Rafuse
 Logged By 2 : Mike.Schweinberger
 Log Start : 11-Mar-2019
 Log Completed : 1-Apr-2019
 Re-Logged By :
 Re-Log Start :
 Re-Log Completed :

Comments :

Long sections of highly magnetic lamprophyres throughout hole containing massive magnetite. Minor quartz veining at depth containing glassy/translucent appearance but insignificant sulphide content. Overall metamorphic grade is slightly higher than Borden area but litho facies are very similar.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	6.83	(OB) Overburden, () Amphibolite Boulders								
6.83	10.70	(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, (FGSGB) Variable BI + garnets below the gold zone FGS contains low garnet content in addition to a weak amphibole background. Low sulphide content throughout. Foliation fabric is weak to moderate. Pegmatitic veins on hinges of tight F1 folds (no orientation for FODAX).	C69480	6.83	7.6	0.77	0.01	AGAT_FAICP		
			C69481	7.6	9	1.4	0.001	AGAT_FAICP		
			C69482	9	9.6	0.6	0.002	AGAT_FAICP		
			C69483	9.6	10.7	1.1	0.0005	AGAT_FAICP		
10.70	12.08	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Lamprophyre contains large angular sections of country rock. Moderate magnetism.	C69484	10.7	12.08	1.38	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
12.08	18.80	(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, (FGSGB) Variable BI + garnets below the gold zone FGS contains low garnet content in addition to a weak amphibole background. Low sulphide content throughout. Numerous thin variable lamprophyres crosscut the unit. Foliation fabric is weak to moderate. Pegmatitic veins on hinges of tight F1 folds (no orientation for FODAX).	C69485	12.08	13.15	1.07	0.002	AGAT_FAICP		
			C69487	13.15	13.58	0.43	0.006	AGAT_FAICP		
			C69488	13.58	15	1.42	0.002	AGAT_FAICP		
			C69489	15	16.45	1.45	0.002	AGAT_FAICP		
			C69490	16.45	17.6	1.15	0.001	AGAT_FAICP		
			C69491	17.6	18.8	1.2	0.0005	AGAT_FAICP		
18.80	19.30	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	C69493	18.8	19.28	0.48	0.0005	AGAT_FAICP		
19.30	22.56	(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, (FGSGB) Variable BI + garnets below the gold zone FGS contains low garnet content in addition to a weak amphibole background. Low sulphide content throughout. Numerous thin variable lamprophyres crosscut the unit. Foliation fabric is weak to moderate. Pegmatitic veins on hinges of tight F1 folds (no orientation for FODAX).	C69494	19.28	20.75	1.47	0.0005	AGAT_FAICP		
			C69495	20.75	21.75	1	0.0005	AGAT_FAICP		
			C69496	21.75	22.56	0.81	0.0005	AGAT_FAICP		
22.56	23.04	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	C69497	22.56	23.04	0.48	0.0005	AGAT_FAICP		
23.04	28.25	(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, (FGSGB) Variable BI + garnets below the gold zone FGSGB and AMPIN intermixed. Weak amphibole background throughout. Low sulphide content. Weak to moderate foliation. Salty texture due to fine grained plag. Thin lamprophyres crosscut the unit throughout. Short UMD contained from 25.66 - 25.80 m's.	C69499	23.04	24.27	1.23	0.0005	AGAT_FAICP		
			C69500	24.27	25.7	1.43	0.0005	AGAT_FAICP		
			C69501	25.7	27	1.3	0.002	AGAT_FAICP		
			C69502	27	28.25	1.25	0.003	AGAT_FAICP		
28.25	28.90	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone FGSGB contains a strong increase in quartz veining/flooding along with F1 folding. Low sulphide content.	C69503	28.25	28.9	0.65	0.0005	AGAT_FAICP		
28.90	36.40	(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, (FGSGB) Variable BI + garnets below the gold zone FGS contains low garnet content in addition to a weak amphibole background. Low sulphide content throughout. Short lamprophyre contained from 32.80 - 32.90m. Foliation fabric is weak to moderate.	C69504	28.9	29.87	0.97	0.0005	AGAT_FAICP		
			C69505	29.87	30.5	0.63	0.0005	AGAT_FAICP		
			C69507	30.5	31.87	1.37	0.002	AGAT_FAICP		
			C69508	31.87	33.33	1.46	0.0005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C69509	33.33	34.67	1.34	0.0005	AGAT_FAICP		
			C69510	34.67	35.8	1.13	0.0005	AGAT_FAICP		
			C69511	35.8	36.4	0.6	0.0005	AGAT_FAICP		
36.40	39.26	(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, (FGSGB) Variable BI + garnets below the gold zone	C69513	36.4	37.04	0.64	0.004	AGAT_FAICP		
		FGSGB with increased quartz veining and flooding. Quartz is glassy but sulphide content overall is low.	C69514	37.04	38	0.96	0.009	AGAT_FAICP		
			C69515	38	38.53	0.53	0.0005	AGAT_FAICP		
			C69516	38.53	39.26	0.73	0.002	AGAT_FAICP		
39.26	40.70	(DIA) Diabase Dike, ()	C69517	39.26	40.7	1.44	0.016	AGAT_FAICP		
		Diabase. Fine grained								
40.70	47.85	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	C69519	40.7	42	1.3	0.0005	AGAT_FAICP		
		FGSGB contains low amount of fine grained garnets. Traceable background amphibole content. Low sulphide content. Tight F1 folding (see structure tab). Moderate potassic and sericitic alteration via pervasive flooding. Several Lamps/UMD's contained throughout .	C69520	42	43.12	1.12	0.0005	AGAT_FAICP		
			C69521	43.12	44.58	1.46	0.0005	AGAT_FAICP		
			C69522	44.58	46	1.42	0.004	AGAT_FAICP		
			C69523	46	47.33	1.33	0.004	AGAT_FAICP		
			C69524	47.33	47.85	0.52	0.006	AGAT_FAICP		
47.85	48.30	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	C69525	47.85	48.3	0.45	0.001	AGAT_FAICP		
		Lamprophyre contains a yellow reaction/alteration mineral. Sections of country rock contained throughout								
48.30	50.50	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	C69527	48.3	49.75	1.45	0.003	AGAT_FAICP		
		FGSGB contains a moderate to high amount of chloritic/sericitic and potassic alteration at upper and lower contacts with lamprophyres. Fine grained garnets throughout with the occasional massive specimen. Fault breccia contained from 48.55-48.60m's. Increased pyrite around faulted area.	C69528	49.75	50.5	0.75	0.0005	AGAT_FAICP		
50.50	53.42	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	C69529	50.5	51.5	1	0.002	AGAT_FAICP		
		grey to light green Lamp; fine; mas; partly strongly magnetic; lower part from 52.31 strongly to mod ser and lesser ksp altered as haloes and patches; parts with abund cm-sized angular xenoliths of host FGS; upper contact sharp	C69530	51.5	52.31	0.81	0.003	AGAT_FAICP		
			C69531	52.31	53.42	1.11	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
53.42	61.06	(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, ()	C69533	53.42	54	0.58	0.003	AGAT_FAICP		
mod to strong ser with leser patchy/haloes altered weakly to mod fol fine to med greenish-pinkish grey FGS; frequ cm-sized/thick mostly fol parallel lenses/discontinuous stringers of med to coarse PEG; weak to mod bio; traces of fine to med am; some sporadic med subh gar; rock slightly magnetic; three sections of light green lamp at 58.40-58.50 59.93-59.96 60.87-60.89; weak fine dissem anh py; upper contact sharp			C69534	54	55	1	0.002	AGAT_FAICP		
			C69535	55	56	1	0.002	AGAT_FAICP		
			C69536	56	57	1	0.004	AGAT_FAICP		
			C69537	57	58	1	0.003	AGAT_FAICP		
			C69539	58	59	1	0.002	AGAT_FAICP		
			C69540	59	60	1	0.001	AGAT_FAICP		
			C69541	60	61.06	1.06	0.002	AGAT_FAICP		
61.06	64.75	(QV, FGS) Quartz Vein, Felsic Gneiss Sedimentary, (QZVT2) Massive quartz vein	C69542	61.06	62	0.94	0.002	AGAT_FAICP		
abund generally mm- to cm-thick stringers and lenses of pink fsp rich med to coarse light grey qtz veins within a weakly to med fol weakly ksp/ser altered light grey fine to med FGS; fsps partly kaolanized; weak fine to med bio; traces fo fine to med am; some med to coarse subh gar; traces of very fine dissem anh py; upper contact grad			C69543	62	62.8	0.8	0.0005	AGAT_FAICP		
			C69544	62.8	63.6	0.8	0.001	AGAT_FAICP		
			C69545	63.6	64.2	0.6	0.0005	AGAT_FAICP		
			C69547	64.2	64.75	0.55	0.0005	AGAT_FAICP		
64.75	65.08	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	C69548	64.75	65.08	0.33	0.006	AGAT_FAICP		
fine massive Lamp with light green margins and some mm-sized semi-angular carb patches; upper contact sharp										
65.08	65.64	(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, ()	C69549	65.08	65.64	0.56	0.002	AGAT_FAICP		
weakly to mod fol light grey weakly alt fine to med FGS with minor fol parallel mm- to cm-thick lenses of med to coarse ligh pinkish grey PEG; alteration consists of patchy kaolanizaton of fsps and ksp/ser alter haloes; fol parallel band of med AMP at 65.23-65.29; weak fine dissem anh py; weak fine to med bio; traces of fine to med am; upper contact sharp; rock slightly magnetic										
65.64	66.46	(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, ()	C69550	65.64	66.46	0.82	0.0005	AGAT_FAICP		
greenish med weakly to mod fol AMP with weak to mod ser alter; strong med am; weak fine to med bio; 10cm fol parallel section of FGS as descibed above at end of interval at 66.36; no sulphides; upper contact sharp										
66.46	67.00	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	C69551	66.46	67	0.54	0.005	AGAT_FAICP		
fine light greenish lamp; massive; sharp contacts; mm-sized roundish carb patches										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
67.00	67.23	(FGS) Felsic Gneiss Sedimentary, () altered pinkish green grey weakly to mod fol fine to med FGS; mod to strongl ser/ksp alter as haloes; weak fine to med bio and am; 2 cm thick discont 'layer' of med AMP parallel to fol; traces of very fine dissem anh py; upper contact sharp	C69553	67	67.3	0.3	0.005	AGAT_FAICP		
67.23	68.33	(AMP) Amphibolite, () greenish med weakly to mod fol AMP; very strong med am; weak fine to med bio; no sulphides; upper contact sharp	C69554	67.3	68.33	1.03	0.004	AGAT_FAICP		
68.33	72.97	(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, () fine to med mod fol grey FGS with frequ cm-sized/thick PEG stringers generally parallel to fol; weak to mod fine to med bio; rock slightly magnetic; increased am compared to above: fine to med; PEG stingers usually discont light grey to pinkish; scattered med subh gar; kaolanized fsp throughout and some ksp/ser haloes; only traces of weak very fine dissem py; upper contact sharp	C69555	68.33	69	0.67	0.015	AGAT_FAICP		
			C69556	69	70	1	0.025	AGAT_FAICP		
			C69557	70	71	1	0.004	AGAT_FAICP		
			C69559	71	72	1	0.006	AGAT_FAICP		
			C69560	72	72.97	0.97	0.002	AGAT_FAICP		
72.97	73.65	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke fine mas dark grey with light green margins LAMP; contacts sharp; freq mm-sized roundish carb patches	C69561	72.97	73.65	0.68	0.003	AGAT_FAICP		
73.65	79.84	(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, () fine to med weakly to mod fol gray FGS; with some mostly fol parallel stringers and lenses of of pinkish light grey med to coarse PEG up to a few cm thick with weak alt haloes; weak fine to med bio and weaker fine to med am; scattered med subh gar; rock is slightly magnetic (no po visible so most likely magnetite); very weak traces of very fine dissem py; upper contact sharp	C69562	73.65	74.6	0.95	0.002	AGAT_FAICP		
			C69563	74.6	75.6	1	0.001	AGAT_FAICP		
			C69564	75.6	76.6	1	0.002	AGAT_FAICP		
			C69565	76.6	77.6	1	0.0005	AGAT_FAICP		
			C69567	77.6	78.7	1.1	0.003	AGAT_FAICP		
			C69568	78.7	79.84	1.14	0.013	AGAT_FAICP		
79.84	84.58	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke fine massive dark grey with light green margins Lamp; frequ mm-sized subang carb patches; weakly to mod magnetic; upper contact sharp; section with abund cm-sized rounded xenoliths btw 81.45 and 81.76; this sections has sharp contacts other parts of the dyke that are parallel to the upper contact	C69569	79.84	80.56	0.72	0.002	AGAT_FAICP		
			C69570	80.56	81.45	0.89	0.002	AGAT_FAICP		
			C69571	81.45	81.76	0.31	0.003	AGAT_FAICP		
			C69573	81.76	82.5	0.74	0.025	AGAT_FAICP		
			C69574	82.5	83.6	1.1	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C69575	83.6	84.58	0.98	0.002	AGAT_FAICP		
84.58	85.69	(FGS) Felsic Gneiss Sedimentary, () greenish grey weakly to mod fol fine to med ser alt FGS; weak fine to med bio; mod fine to med am; very weak fine dissem py; with minor cm-sized usually irreg lenses of pinkish grey med PEG; upper contact sharp; unit weakly magnetic	C69576	84.58	85.69	1.11	0.001	AGAT_FAICP		
85.69	86.80	(UMD) UMLAMP Dikey, (LAMPD) UMD - Lamprophyre Dyke fine massive dark grey with light green margins Lamp; frequ mm-sized subang carb patches; weakly to mod magnetic; upper contact sharp	C69577	85.69	86.8	1.11	0.002	AGAT_FAICP		
86.80	88.37	(FGS) Felsic Gneiss Sedimentary, () fine to med weakly to med fol grey FGS; weak fine to med bio and am; mod perv ser alt at upper contact to dyke to 87.35; no visible sulphides; unite weakly magnetic; upper contact sharp	C69579	86.8	87.6	0.8	0.003	AGAT_FAICP		
			C69580	87.6	88.37	0.77	0.002	AGAT_FAICP		
88.37	89.17	(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGGR) Granitic Pegmatite (<50% quartz) med to coarse pinkish patchy PEG with slivers of fine to med weakly to mod fol grey FGS; upper contact sharp but irreg; unit with patchy Kfsp alter that spreads into both sides of the host rock above and below; FGSBI is weakly magnetic; weak fine dissem anh po in FGSBI	C69581	88.37	89.17	0.8	0.004	AGAT_FAICP		
89.17	93.18	(FGS) Felsic Gneiss Sedimentary, () fine to med weakly to mod fol grey FGS; weak fine to med bio and am; scatterd med suby gar; unit is moderately magnetic; no visible sulphides; upper contact sharp; some ser/ksp alt haloes along qtz-carb hairline stringers	C69582	89.17	90.2	1.03	0.011	AGAT_FAICP		
			C69583	90.2	91.2	1	0.021	AGAT_FAICP		
			C69584	91.2	92.2	1	0.003	AGAT_FAICP		
			C69585	92.2	93.18	0.98	0.006	AGAT_FAICP		
93.18	93.85	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) med to coarse pink PEG; mas with traces of fine bio; upper contact sharp; no sulphides	C69587	93.18	93.85	0.67	0.01	AGAT_FAICP		
93.85	96.40	(FGS) Felsic Gneiss Sedimentary, () fine to med weakly to mod fol grey FGS; weak fine to med bio and am; scatterd med suby gar; unit is moderately magnetic; no visible sulphides; upper contact sharp but irreg; some ser/ksp alt haloes along qtz-carb hairline stringers	C69588	93.85	94.8	0.95	0.001	AGAT_FAICP		
			C69589	94.8	95.5	0.7	0.002	AGAT_FAICP		
			C69590	95.5	96.4	0.9	0.017	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
96.40	97.06	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) coarse to very coarse massive pinkish PEG; upper contact sharp; some scattered patches of magnetite up to 1cm in size	C69591	96.4	97.06	0.66	0.001	AGAT_FAICP		
97.06	105.87	(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, () fine to med weakly to mod fol grey FGS with a few pinkish stringers and lenses of PEG up to 2.5cm thick and usually following the fol; weak fine to med bio and am; scattered med suby gar; unit is weakly magnetic; no visible sulphides; upper contact sharp but irreg; some ser/ksp alt haloes along qtz-carb hairline stringers; a few bands of lamp dykes between 0.5cm to 3cm thick at 101.23-101.24 101.47-101.52 102.26-102.65; latter is following the core axis through that interval	C69593	97.06	98	0.94	0.005	AGAT_FAICP		
			C69594	98	99	1	0.003	AGAT_FAICP		
			C69595	99	100	1	0.003	AGAT_FAICP		
			C69596	100	101	1	0.005	AGAT_FAICP		
			C69597	101	102	1	0.009	AGAT_FAICP		
			C69599	102	103	1	0.005	AGAT_FAICP		
			C69600	103	104	1	0.028	AGAT_FAICP		
			C69601	104	105	1	0.009	AGAT_FAICP		
			C69602	105	105.87	0.87	0.005	AGAT_FAICP		
105.87	108.31	(PEG) Pegmatite, () med to coarse pink mas PEG; upper contact sharp; some traces of scattered fine dissem anh py; one 3-4cm band of FGS as described above but not magnetic and more biotitic at 106.15-106.22	C69603	105.87	106.7	0.83	0.002	AGAT_FAICP		
			C69604	106.7	107.4	0.7	0.0005	AGAT_FAICP		
			C69605	107.4	108.31	0.91	0.001	AGAT_FAICP		
108.31	111.34	(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, () fine to med weakly to mod fol grey FGS with a few pinkish stringers and lenses of PEG up to 2.5cm thick and usually following the fol; weak fine to med bio and am; scattered med suby gar; unit is weakly magnetic; no visible sulphides; upper contact sharp but irreg; some ser/ksp alt haloes along qtz-carb hairline stringers	C69607	108.31	109.3	0.99	0.013	AGAT_FAICP		
			C69608	109.3	110.3	1	0.001	AGAT_FAICP		
			C69609	110.3	111.34	1.04	0.007	AGAT_FAICP		
111.34	111.72	(UMD, FGS) UMLAMP Dike, Felsic Gneiss Sedimentary, (LAMPD) UMD - Lamprophyre Dyke dark grey mas fine lamp with 8 cm contact paralel band of FGS as described above at its center; freq mm-sized roundish carb patches; sharp contacts	C69610	111.34	111.72	0.38	0.002	AGAT_FAICP		
111.72	115.13	(FGS) Felsic Gneiss Sedimentary, () fine to med weakly to mod fol grey FGS with very few pinkish stringers and lenses of PEG up to 3cm thick and usually following the fol; weak fine to med bio and am; scattered med suby gar; unit is weakly magnetic; no visible sulphides; upper contact sharp; some ser/ksp	C69611	111.72	112.7	0.98	0.002	AGAT_FAICP		
			C69613	112.7	113.7	1	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		alt haloes along qtz-carb hairline stringers	C69614	113.7	114.7	1	0.002	AGAT_FAICP		
			C69615	114.7	115.13	0.43	0.013	AGAT_FAICP		
115.13	115.47	(AMP) Amphibolite, () med to coarse med very weakly fol nerarly massive dark green AMP; very strong med to coarse am; weak med bio; no sulphides; upper contact sharp	C69616	115.13	115.47	0.34	0.012	AGAT_FAICP		
115.47	116.75	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke fine mas dark grey lamp with frequ pinkish carb patches; uppper contact sharp; magnetic	C69617	115.47	116.75	1.28	0.005	AGAT_FAICP		
116.75	118.00	(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, (AMPIN) Intermediate Amphibolite (50-69% amphibole) fine to med partly laminated/banded greenish grey fine to med AMPIN with section of pinkish KSsp altered FGS with very weak fine to med bio at 117.39-117.62; AMPIN has moderate fine to med am and weak fine to med bio; not magnetic no sulph; upper contact sharp; 2cm thick lamp running down close to parallel to the core axis at 117.39-118; unit has a few cm-wide Peg lenese that are stretched parallel to the fol	C69619	116.75	117.39	0.64	0.002	AGAT_FAICP		
			C69620	117.39	118	0.61	0.031	AGAT_FAICP		
118.00	119.06	(FGS) Felsic Gneiss Sedimentary, () grey pinkish greenish fine to med weakly to mod fol FGS with moderate patchy ser and ksp alteration; weak fine to med bio; few mm- cm-sized patches of fine to med am; rock not magnetic; no sulphides; upper contact is sharp	C69621	118	118.39	0.39	0.002	AGAT_FAICP		
			C69622	118.39	119.28	0.89	0.003	AGAT_FAICP		
119.06	119.28	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) ine to med partly laminated/banded greenish grey fine to med AMPIN; AMPIN has moderate fine to med am and weak fine to med bio with some scattered med subh gar; not magnetic no sulph; upper contact sharp								
119.28	121.84	(FGS) Felsic Gneiss Sedimentary, () fine to med light grey weakly banded weakly to mod fol FGS; banding defined by up to 1mm thick fol parallel bands of bio; weak fine to med bio; weakfer fine to med am; a few generally fol parallel patches and lenes of Peg up to 1 cm thick/sized; weakly mag; a few localized fine anh po; upper contact sharp; mod to strongly ser altered below 120.73 at lower contact to dyke	C69623	119.28	120	0.72	0.002	AGAT_FAICP		
			C69624	120	120.73	0.73	0.002	AGAT_FAICP		
			C69625	120.73	121.84	1.11	0.006	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
121.84	124.76	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke fine mas dark grey lamp with light greenish sections and semi-frequ mm-thick carb stringers and frequ mm-sized semiangular to rounded carb patches; upper contact sharp; som semiangular xenoliths up to 1.5 cm in size; magnetic	C69627	121.84	122.8	0.96	0.002	AGAT_FAICP		
			C69628	122.8	123.8	1	0.002	AGAT_FAICP		
			C69629	123.8	124.76	0.96	0.001	AGAT_FAICP		
124.76	124.97	(FGS) Felsic Gneiss Sedimentary, () fine to med weakly to mod fol greyish green FGS; well ser alt; weak fine to med bio; weaker fine to med am; scatterd med subh gar; with blackish healed fractures; not mag; no sulphides; upper contact sharp								
124.97	125.43	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) med to coarse pinkish massive peg with freq blackish healed fractures; upper contact sharp	C69630	124.76	125.45	0.69	0.004	AGAT_FAICP		
125.43	125.85	(FGS) Felsic Gneiss Sedimentary, () fine to med weakly to mod fol greyish green FGS; well ser alt; weak fine to med bio; weaker fine to med am; scatterd med subh gar; with blackish healed fractures; not mag; no sulphides; upper contact sharp	C69631	125.45	125.85	0.4	0.006	AGAT_FAICP		
125.85	126.95	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) partly banded partly fractued greenish grey fine to med AMPIN; strongly perv ser alt; mod fine to med am; weak fine to med bio; not mag; no sulphides; upper contact sharp	C69633	125.85	126.45	0.6	0.008	AGAT_FAICP		
			C69634	126.45	126.95	0.5	0.001	AGAT_FAICP		
126.95	134.30	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke fine mas dark grey lamp; frequ mm-sized semiangular carb patches; magnetic; upper contact sharp; minor light green bands up to 13cm wide; magnetic	C69635	126.95	128	1.05	0.001	AGAT_FAICP		
			C69636	128	129	1	0.0005	AGAT_FAICP		
			C69637	129	130	1	0.0005	AGAT_FAICP		
			C69639	130	131	1	0.001	AGAT_FAICP		
			C69640	131	132	1	0.022	AGAT_FAICP		
			C69641	132	133	1	0.001	AGAT_FAICP		
			C69642	133	134.3	1.3	0.001	AGAT_FAICP		
134.30	136.50	(FGS, UMD) Felsic Gneiss Sedimentary, UMLAMP Dike, () fine to med weakly fol greyish green FGS with frequ network of mm- to 2cm thick lamps throughout; well ser and ksp alt; weak fine to med bio; weaker fine to med am; with blackish healed fractures; not mag; no sulphides; upper contact sharp	C69643	134.3	135.1	0.8	0.0005	AGAT_FAICP		
			C69644	135.1	135.8	0.7	0.002	AGAT_FAICP		
			C69645	135.8	136.5	0.7	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
136.50	136.95	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke fine mas dark grey lamp; freq mm-sized semiangular carb patches; magnetic; upper contact sharp; minor light green margins; magnetic	C69647	136.5	136.95	0.45	0.001	AGAT_FAICP		
136.95	138.12	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) med to coarse grey-pink PEG; strongly fract/brx and well ser alt at upper contact to lamp from 136.95 to 137.40; weaker fract below that; fract generally blackish healed; with fine to med anh scattered py; upper contact sharp	C69648 C69649	136.95 137.4	137.4 138.12	0.45 0.72	0.0005 0.005	AGAT_FAICP AGAT_FAICP		
138.12	138.97	(FGS) Felsic Gneiss Sedimentary, () grey weakly to mod fol fine to med FGS; weak fine to med bio; weaker fine to med am; no sulphides not megnetic; upper contact sharp	C69650	138.12	138.97	0.85	0.0005	AGAT_FAICP		
138.97	139.38	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) med to coarse pink PEG; mas; upper contact sharp	C69651	138.97	139.38	0.41	0.003	AGAT_FAICP		
139.38	141.54	(UMD) UMLAMP Dike, () massive dark grey fine Lamp; margins light green; frequ mm-sized semi-angular carb patches some mm-thick carb stringers and some angular dark grey (dyke?) xenoliths up to 2.5cm in size; upper contact sharp; one large host rock section (xenolith?) from 141.28-141.43; dyke is magnetic	C69653 C69654	139.38 140.45	140.45 141.54	1.07 1.09	0.001 0.001	AGAT_FAICP AGAT_FAICP		
141.54	143.93	(FGS) Felsic Gneiss Sedimentary, () fine to med weakly to mod fol grey FGS; weak fine to med bio; weaker fine to med am; rock weakly mag; no sulphides; 0.5cm to 3.5cm thick slivers of lamp at 143.06-143.10 and 143.60-143.81; upper contact sharp	C69655 C69656 C69657	141.54 142.4 143.25	142.4 143.25 143.93	0.86 0.85 0.68	0.016 0.001 0.0005	AGAT_FAICP AGAT_FAICP AGAT_FAICP		
143.93	144.23	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) coarse pink grey PEG; sharp upper contact	C69659	143.93	144.23	0.3	0.003	AGAT_FAICP		
144.23	144.53	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		UMD; dark grey; mas; freq roudish carb patches up to 0.8cm in size; contacts sharp; not magnetic	C69660	144.23	144.53	0.3	0.002	AGAT_FAICP		
144.53	153.35	(FGS) Felsic Gneiss Sedimentary, ()	C69661	144.53	145	0.47	0.002	AGAT_FAICP		
		fine to med grey weakly to mod fol FGS; weak fine to med bio; generally weaker fine to med am but increased am at 146.8-150.32 here also as bands up to 1.5cm thick and occasionally folded; section btw 149.3 and 150.32 borderline AMPIN; scattered med to coarse subh gar; rock weakly mag; no sulphides; upper contact sharp but irreg	C69662	145	146	1	0.004	AGAT_FAICP		
			C69663	146	147	1	0.001	AGAT_FAICP		
			C69664	147	148	1	0.0005	AGAT_FAICP		
			C69665	148	149	1	0.003	AGAT_FAICP		
			C69667	149	149.63	0.63	0.003	AGAT_FAICP		
			C69668	149.63	150.32	0.69	0.0005	AGAT_FAICP		
			C69669	150.32	151.4	1.08	0.001	AGAT_FAICP		
			C69670	151.4	152	0.6	0.0005	AGAT_FAICP		
			C69671	152	152.67	0.67	0.002	AGAT_FAICP		
			C69673	152.67	153.35	0.68	0.001	AGAT_FAICP		
153.35	155.57	(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGGR) Granitic Pegmatite (<50% quartz)	C69674	153.35	154.42	1.07	0.001	AGAT_FAICP		
		alternating dm-thick bands of pink coarse to very coarse mas PEG and grey weakly to mod fol fine to med FGS; FGS same as FGS above but not magnetic; upper contact grad	C69675	154.42	155.57	1.15	0.0005	AGAT_FAICP		
155.57	156.23	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	C69676	155.57	156.23	0.66	0.001	AGAT_FAICP		
		light greenish mas fine Lamp; freq mm-sized roundish carb patches; contacts sharp; not magnetic								
156.23	156.86	(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGGR) Granitic Pegmatite (<50% quartz)	C69677	156.23	156.86	0.63	0.001	AGAT_FAICP		
		coarse pink mas PEG with 7cm section of FGS close to the top of the interval; FGS as described above; upper contact sharp								
156.86	157.80	(FGS) Felsic Gneiss Sedimentary, ()	C69679	156.86	157.8	0.94	0.0005	AGAT_FAICP		
		fine to med grey weakly to mod fol FGS; weak fine to med bio; very weak fine to med am; rock weakly mag; no sulphides; upper contact sharp but irreg								
157.80	158.38	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50%	C69680	157.8	158.38	0.58	0.0005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		quartz) med to coarse massive Peg; upper contact sharp but irreg								
158.38	162.46	(FGS) Felsic Gneiss Sedimentary, ()	C69681	158.38	159.38	1	0.0005	AGAT_FAICP		
		fine to med grey weakly to mod fol FGS; weak fine to med bio; weaker fine to med am; scattered med subh gar; rock is weakly mag; no sulphides; thin bands of lamps at 158.63-158.73 160.66-160.69 160.72-160.81; upper contact sharp but wavy irreg; weak healed blackish fracta at 159.90-160.40	C69682	159.38	160.4	1.02	0.0005	AGAT_FAICP		
			C69683	160.4	161.2	0.8	0.001	AGAT_FAICP		
			C69684	161.2	162.46	1.26	0.001	AGAT_FAICP		
162.46	162.90	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	C69685	162.46	162.9	0.44	0.0005	AGAT_FAICP		
		coarse to very coarse PEG; upper and lower contact not parallel but sharp								
162.90	164.56	(FGS) Felsic Gneiss Sedimentary, ()	C69687	162.9	163.94	1.04	0.001	AGAT_FAICP		
		fine to med grey weakly to mod fol FGS; weak fine to med bio; weaker fine to med am; scattered med subh gar; rock is weakly mag; no sulphides; upper contact sharp but wavy irreg	C69688	163.94	164.56	0.62	0.001	AGAT_FAICP		
164.56	165.80	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	C69689	164.56	165.8	1.24	0.0005	AGAT_FAICP		
		geenish grey to dark grey mas Lamp; frequ mm-sized roundish carb patches; lower part had a dm-thick section fo highly altered hostrock; upper contact sharp; rock is magnetic								
165.80	166.84	(FGS) Felsic Gneiss Sedimentary, ()	C69690	165.8	166.84	1.04	0.0005	AGAT_FAICP		
		fine to med grey weakly to mod fol FGS; weak fine to med bio and am; rock is weakly mag; no sulphides; upper contact sharp								
166.84	167.22	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	C69691	166.84	167.22	0.38	0.002	AGAT_FAICP		
		coarse to very coarse pink to light grey PEG; mas; sharp upper contact but irreg wavy								
167.22	167.57	(FGS) Felsic Gneiss Sedimentary, ()	C69693	167.22	167.57	0.35	0.002	AGAT_FAICP		
		fine to med grey weakly to mod fol FGS; weak fine to med bio and am; rock is weakly mag; no sulphides; upper contact sharp but irreg								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
167.57	168.10	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke massive light green fine Lamp with mm-sized blackish dark grey xenoliths; upper contact sharp	C69694	167.57	168.1	0.53	0.003	AGAT_FAICP		
168.10	168.93	(FGS) Felsic Gneiss Sedimentary, () fine to med grey weakly to mod fol FGS; weak fine to med am and bio; rock is weakly mag; no sulphides; upper contact sharp but irreg	C69695	168.1	168.93	0.83	0.005	AGAT_FAICP		
168.93	170.64	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) fine to med weakly fol light grey AMPIN; weak to mod fine to med am; very weak fine to med bio; no sulphides visible roundish fine anh dissem magnetite; upper contact grad	C69696 C69697	168.93 169.8	169.8 170.64	0.87 0.84	0.002 0.003	AGAT_FAICP AGAT_FAICP		
170.64	174.30	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone fine to med grey weakly to mod fol FGSBI; more bio and bio a bit coarser than int the FGSs above; weak to moderate fine to med bio; no am no gar; no sulphides; rock is magnetic; upper contact grad	C69699 C69700 C69701 C69702	170.64 171.5 172.4 173.35	171.5 172.4 173.35 174.3	0.86 0.9 0.95 0.95	0.002 0.004 0.004 0.002	AGAT_FAICP AGAT_FAICP AGAT_FAICP AGAT_FAICP		
174.30	179.09	(FGS) Felsic Gneiss Sedimentary, () fine to med FGS; light grey; weakly to mod fol; with QF stringers; and frequ Ksp/ser haloes; weak fine to med bio; traces of fine to med am; upper contact grad; traces of fine dissem anh py; rock is weakly magnetic	C69703 C69704 C69705 C69707 C69708	174.3 175 176.02 177 177.96	175 176.02 177 177.96 179	0.7 1.02 0.98 0.96 1.04	0.002 0.001 0.003 0.002 0.006	AGAT_FAICP AGAT_FAICP AGAT_FAICP AGAT_FAICP AGAT_FAICP		
179.09	185.05	(FGS) Felsic Gneiss Sedimentary, () Background amphibole content is variable throughout unit. Weak to moderate potassic alteration via high angled bands and veinlets. Three short lamprophyres are contained within unit Lamp A 179.15 - 179.17 Lamp B 182.09 - 182.17m's with upper and lower contacts of 49/341 and 48/324. Thin QV2 melts throughout due to proximal lamps. Moderate dioritic fabric with poorly formed quartz phenocrysts. Very low sulphide content.	C69709 C69710 C69711 C69713 C69714	179 180 181.43 182.82 184.23	180 181.43 182.82 184.23 185.05	1 1.43 1.39 1.41 0.82	0.001 0.002 0.002 0.001 0.0005	AGAT_FAICP AGAT_FAICP AGAT_FAICP AGAT_FAICP AGAT_FAICP		
185.05	186.52	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Lamprophyre with fine grained xenoliths and vesicles.	C69715	185.05	186.52	1.47	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
186.52	187.17	(FGS) Felsic Gneiss Sedimentary, () Short FGS contains a moderate amount of background amphibole content. Thin lamprophyres found throughout. Moderate chloritic alteration via dissemination. Very low sulphide.	C69716	186.52	187.17	0.65	0.001	AGAT_FAICP		
187.17	188.48	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Unit comprises of two lamprophyres. Upper portion contains very fine grained vesicles and xenoliths while lower portion is homogenous and very fine grained.	C69717	187.17	188.48	1.31	0.001	AGAT_FAICP		
188.48	191.33	(FGS) Felsic Gneiss Sedimentary, () FGS contains a variable content of background amphibole content. Thin folded QV2 veins found throughout but are barren. Very low sulphide content overall. Weak to moderate potassic/sericitic alteration via high angled bands and veinlets.	C69719 C69720	188.48 189.89	189.89 191.33	1.41 1.44	0.002 0.002	AGAT_FAICP AGAT_FAICP		
191.33	192.08	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Pegmatite is dominated by coarse k-spar. Thin lamprophyric veinlets sporadically crosscut the unit with a short lamprophyre contained at the lower contact. Weak sulphide content with pyrite being the dominant variety.	C69721	191.33	192.08	0.75	0.001	AGAT_FAICP		
192.08	193.04	(FGS) Felsic Gneiss Sedimentary, () FGS contains moderate chloritic/potassic/sericitic alteration via dissemination. Moderate background amphibole content. Very low sulphide. Thin barren pegmatitic vein contained near lower contact. Foliation is moderately strong throughout.	C69722	192.08	193.04	0.96	0.002	AGAT_FAICP		
193.04	193.60	(UM) Ultramafic, () Strong sericitic alteration. Large sections of FGS contained throughout.	C69723	193.04	193.6	0.56	0.005	AGAT_FAICP		
193.60	197.56	(FGS) Felsic Gneiss Sedimentary, () Short FGS contains a moderate amount of background amphibole content. Tightly folded barren QV2 veins present. Thin lamprophyres found throughout. The largest is contained from 195.06 - 195.18 m's with an upper alpha of 31. Moderate chloritic alteration via dissemination. Very low sulphide.	C69724 C69725 C69727 C69728	193.6 195 196.3 196.8	195 196.3 196.8 197.56	1.4 1.3 0.5 0.76	0.002 0.003 0.003 0.005	AGAT_FAICP AGAT_FAICP AGAT_FAICP AGAT_FAICP		
197.56	197.70	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
197.70	207.12	(FGS) Felsic Gneiss Sedimentary, ()	C69729	197.56	197.9	0.34	0.004	AGAT_FAICP		
		FGS with weak amphibole background content. Thin veinlets of weak potassic alteration crosscut the unit at moderate angle to core axis. Very low sulphide content. Thin barren QV2 veins contained throughout and are often tightly folded. A large lamprophyre is contained from 201.13-201.42m's with an upper and lower contact 68/340 and 60/338.	C69730	197.9	199.03	1.13	0.011	AGAT_FAICP		
			C69731	199.03	200.25	1.22	0.002	AGAT_FAICP		
			C69733	200.25	201.65	1.4	0.003	AGAT_FAICP		
			C69734	201.65	202.96	1.31	0.003	AGAT_FAICP		
			C69735	202.96	204.35	1.39	0.002	AGAT_FAICP		
			C69736	204.35	205.7	1.35	0.004	AGAT_FAICP		
			C69737	205.7	207.12	1.42	0.004	AGAT_FAICP		
207.12	207.90	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	C69739	207.12	207.9	0.78	0.002	AGAT_FAICP		
		Pegmatite contains strong k-spar presence. Very low sulphide content.								
207.90	213.34	(FGS) Felsic Gneiss Sedimentary, ()	C69740	207.9	209.33	1.43	0.002	AGAT_FAICP		
		FGS contains weak amphibole content. Unit is moderately foliated. Weak to moderate potassic/sericitic alteration via halos and veinlets. Very low sulphide content. A short QV2 is contained from 209.71 - 210.0 m's with an upper contact of 54/315.	C69741	209.33	210.74	1.41	0.003	AGAT_FAICP		
			C69742	210.74	212.16	1.42	0.001	AGAT_FAICP		
			C69743	212.16	213.34	1.18	0.001	AGAT_FAICP		
213.34	215.04	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	C69744	213.34	214.37	1.03	0.002	AGAT_FAICP		
		Lamprophyre with fine grained xenoliths and vesicles.	C69745	214.37	215.04	0.67	0.002	AGAT_FAICP		
215.04	227.25	(FGS) Felsic Gneiss Sedimentary, ()	C69747	215.04	216.3	1.26	0.003	AGAT_FAICP		
		FGS with weak amphibole background content. Thin halos/veinlets of weak potassic and sericitic alteration crosscut the unit at moderate angle to core axis. Very low sulphide content. Thin barren QV2 veins contained throughout and are often tightly folded. Numerous lamprophyres are contained within unit.	C69748	216.3	217.66	1.36	0.002	AGAT_FAICP		
			C69749	217.66	219.06	1.4	0.002	AGAT_FAICP		
			C69750	219.06	220.43	1.37	0.004	AGAT_FAICP		
			C69751	220.43	221.78	1.35	0.001	AGAT_FAICP		
			C69753	221.78	223.12	1.34	0.0005	AGAT_FAICP		
			C69754	223.12	224.43	1.31	0.003	AGAT_FAICP		
			C69755	224.43	225.82	1.39	0.001	AGAT_FAICP		
			C69756	225.82	226.64	0.82	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C69757	226.64	227.25	0.61	0.001	AGAT_FAICP		
227.25	227.55	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	C69759	227.25	227.55	0.3	0.001	AGAT_FAICP		Fine grained lamprophyre with low xenolith and vesicle presence.
227.55	232.83	(FGS) Felsic Gneiss Sedimentary, ()	C69760	227.55	228.96	1.41	0.0005	AGAT_FAICP		FGS contains a moderate dioritic fabric with poorly formed phenocrysts. Background amphibole content is moderate and would be labeled as a DIOAM historically. Very low sulphide content. Weak disseminated potassic alteration throughout. Amphibole size increases downhole with some reaching 5 mm's. Three short lamprophyres are present within unit. The two larger ones are as follows. 229.40 - 229.54 m's upper contact 48/312 lower contact 38/315. 232.05 - 232.15 m's upper contact 40/312 lower contact 46/297.
			C69761	228.96	230.34	1.38	0.003	AGAT_FAICP		
			C69762	230.34	231.84	1.5	0.003	AGAT_FAICP		
			C69763	231.84	232.83	0.99	0.003	AGAT_FAICP		
232.83	233.37	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	C69764	232.83	233.37	0.54	0.002	AGAT_FAICP		Fine grained amphibolite with a weak felsic background. Very low sulphide content. Moderately high biotite content trending with foliation.
233.37	234.60	(FGS) Felsic Gneiss Sedimentary, ()	C69765	233.37	234.6	1.23	0.003	AGAT_FAICP		FGS contains a moderate background amphibole content. Weak to moderate porphyritic texture would likely result in the unit historically being referred to a DIOAM. Moderate felsic background. Very low sulphide content. Upper 25 cm's of unit contains moderate potassic alteration with weak/barren quartz veining
234.60	235.50	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	C69767	234.6	235.5	0.9	0.003	AGAT_FAICP		Lamprophyre contains numerous fine grained xenoliths and vesicles. Chill margins at upper and lower contacts along with disseminated chloritic and potassic alteration.
235.50	239.62	(FGS) Felsic Gneiss Sedimentary, ()	C69768	235.5	236.8	1.3	0.001	AGAT_FAICP		FGS with moderate amphibole background content. Thin veinlets/halos of weak potassic and sericitic alteration crosscut the unit at moderate angle to core axis. Very low sulphide content. Thin barren QV2 veins contained throughout and are often tightly folded. Weak to moderate foliation.
			C69769	236.8	238.04	1.24	0.004	AGAT_FAICP		
			C69770	238.04	239.07	1.03	0.001	AGAT_FAICP		
			C69771	239.07	239.62	0.55	0.0005	AGAT_FAICP		
239.62	241.80	(FGS) Felsic Gneiss Sedimentary, ()	C69773	239.62	241	1.38	0.005	AGAT_FAICP		Unit contains lamprophyres at and proximal to upper contact as well as UM/UMD veinlets

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		throughout. Massive amphiboles are present along with large aggregates of amphibole. Moderate to strong disseminated potassic alteration throughout. Sericitic and chloritic alteration are also present but are both weak. Very low sulphide content.	C69774	241	241.8	0.8	0.001	AGAT_FAICP		
241.80	242.50	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	C69775	241.8	242.5	0.7	0.0005	AGAT_FAICP		Large aggregates of amphibole and cpx present. Numerous tight F1 folds present in upper 30 cm's of unit. Very low sulphide content. Stringers/veinlets of weak to moderate potassic/sericitic alteration. Chloritic alteration is pervasive.
242.50	244.05	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	C69776	242.5	243.4	0.9	0.0005	AGAT_FAICP		Lamprophyre with fine grained vesicles and xenoliths. Very fine grained upper and lower contacts (chill margins).
			C69777	243.4	244.05	0.65	0.005	AGAT_FAICP		
244.05	246.54	(FGS) Felsic Gneiss Sedimentary, ()	C69779	244.05	244.6	0.55	0.001	AGAT_FAICP		FGS contains moderately weak background amphibole content. Sporadic stringers with weak to moderate sericitic alteration crosscut the unit. Pervasive potassic alteration. Minor (barren) QV2 veins present.
			C69780	244.6	245.06	0.46	0.0005	AGAT_FAICP		
			C69781	245.06	246.54	1.48	0.002	AGAT_FAICP		
246.54	247.14	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	C69782	246.54	247.14	0.6	0.002	AGAT_FAICP		Lamprophyre contains fine grained xenoliths and vesicles. Chill margin present at upper contact.
247.14	250.00	(FGS) Felsic Gneiss Sedimentary, ()	C69783	247.14	247.58	0.44	0.009	AGAT_FAICP		Moderate background amphibole content. First upper 40 cm's of unit contains felsic melt material but is barren. Thin barren QV2's are found throughout. Weak disseminated potassic alteration throughout. Very low sulphide content.
			C69784	247.58	249	1.42	0.004	AGAT_FAICP		
			C69785	249	250	1	0.003	AGAT_FAICP		
250.00	250.40	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	C69787	250	250.4	0.4	0.001	AGAT_FAICP		Lamprophyre with fine grained xenoliths and vesicles.
250.40	261.30	(FGS) Felsic Gneiss Sedimentary, ()	C69788	250.4	251.64	1.24	0.0005	AGAT_FAICP		FGS contains weak to moderate background amphibole content. Thin high angled bands of weak to moderate sericitic/potassic alteration crosscut the unit. Disseminated chloritic alteration is patchy and found throughout. Tightly folded QV2's present but are barren. Very low sulphide content.
			C69789	251.64	252.8	1.16	0.0005	AGAT_FAICP		
			C69790	252.8	254.27	1.47	0.002	AGAT_FAICP		
			C69791	254.27	255.67	1.4	0.0005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C69793	255.67	256.86	1.19	0.0005	AGAT_FAICP		
			C69794	256.86	258.15	1.29	0.005	AGAT_FAICP		
			C69795	258.15	259.44	1.29	0.004	AGAT_FAICP		
			C69796	259.44	259.84	0.4	0.001	AGAT_FAICP		
			C69797	259.84	260.48	0.64	0.001	AGAT_FAICP		
			C69799	260.48	261.3	0.82	0.003	AGAT_FAICP		
261.30	262.42	(UMD) UMLAMP Dikey, (LAMPD) UMD - Lamprophyre Dyke	C69800	261.3	262.42	1.12	0.002	AGAT_FAICP		Lamprophyre cotains chill margins at upper and lower contacts. Numerous xenoliths and vesicles ranging from fine to coarse grained. Unit is moderately magnetic.
262.42	263.20	(FGS) Felsic Gneiss Sedimentary, ()	C69801	262.42	263.2	0.78	0.002	AGAT_FAICP		FGS contains moderate to strong potassic and chloritic alteration via pervasive and disseminated styles. Thin lamprophyre veinlets found throughout. Sulphide content is low with the exception of the UMDs containing moderate pyrite presence.
263.20	263.67	(UMD) UMLAMP Dikey, (LAMPD) UMD - Lamprophyre Dyke	C69802	263.2	263.67	0.47	0.001	AGAT_FAICP		Lamprophyre contains upper and lower chill margins with fine grained xenoliths and vesicles.
263.67	266.16	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	C69803	263.67	264.8	1.13	0.002	AGAT_FAICP		FGS contains strong F1 and F2 folding along with a strong increase in quartz veining/flooding. Biotite increase from previous FGS units. Sulphide content is moderately low with both pyrite and pyrrhotite present in similar concentration Py50/Po50. Quartz veining contains a moderate amount of poorly formed k-spar (melt derived). Moderately weak amphibole content throughout with larger examples contained within quartz veins. Moderate to strong potassic alteration via pervasive flooding as well as high angled thin veinlets. Weak to moderate sericitic/chloritic alteration via dissemination/halos.
			C69804	264.8	266.16	1.36	0.003	AGAT_FAICP		
266.16	266.52	(UMD) UMLAMP Dikey, (LAMPD) UMD - Lamprophyre Dyke	C69805	266.16	266.52	0.36	0.001	AGAT_FAICP		Very fine grained lamprophyre.
266.52	270.64	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	C69807	266.52	267.86	1.34	0.002	AGAT_FAICP		FGS contains strong F1 and F2 folding along with a strong increase in quartz veining/flooding. Strong biotite content for FGS. Sulphide content is moderately low with both pyrite and pyrrhotite present in similar concentration Py50/Po50. Quartz veining contains a
			C69808	267.86	269.15	1.29	0.002	AGAT_FAICP		
			C69809	269.15	270.64	1.49	0.004	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		moderate amount of poorly formed k-spar (melt derived). Moderately weak amphibole content throughout with larger examples contained within quartz veins. Moderate potassic alteration via pervasive flooding as well as high angled thin veinlets. Occasional magnetite and labradorite specimen.								
270.64	281.40	(FGS) Felsic Gneiss Sedimentary, ()	C69810	270.64	271.69	1.05	0.002	AGAT_FAICP		
		Fine grained FGS with moderate biotite content. Low sulphide content with Py/Po present in similar quantities. Weak to moderate potassic/sericitic alteration via sporadic veinlets and halos. Foliation fabric is weak to moderate. Low background amphibole content but observable. Lamprophyres contained throughout with two larger ones containing the following details. Lamp A 272.57 - 272.64 m's upper and lower contacts 32/321 and 28/322. Lamp B 272.80 - 272.03 m's with upper and lower contacts 38/312 and 32/307	C69811	271.69	273	1.31	0.005	AGAT_FAICP		
			C69813	273	274.45	1.45	0.002	AGAT_FAICP		
			C69814	274.45	275.85	1.4	0.002	AGAT_FAICP		
			C69815	275.85	277.28	1.43	0.003	AGAT_FAICP		
			C69816	277.28	278.7	1.42	0.004	AGAT_FAICP		
			C69817	278.7	280.14	1.44	0.007	AGAT_FAICP		
			C69819	280.14	281.4	1.26	0.001	AGAT_FAICP		
281.40	282.20	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	C69820	281.4	282.2	0.8	0.002	AGAT_FAICP		
		Very fine grained xenoliths and vesicles. Upper and lower chill margins present. Moderately magnetic								
282.20	283.35	(FGS) Felsic Gneiss Sedimentary, ()	C69821	282.2	283.35	1.15	0.009	AGAT_FAICP		
		FGS contains weak strain intensity. Very low sulphide content. Weak sericitic and potassic alteration via thin veinlets and pervasive flooding.								
283.35	283.69	(QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated	C69822	283.35	283.69	0.34	0.004	AGAT_FAICP		
		Barren quartz vein with moderate k-spar content. Weak disseminated chloritic alteration. Thin veinlets of potassic alteration								
283.69	285.68	(FGS) Felsic Gneiss Sedimentary, ()	C69823	283.69	285	1.31	0.001	AGAT_FAICP		
		FGS contains weak foliation fabric throughout. Very low sulphide content. Minor folding. Weak to moderate potassic/chloritic alteration via disseminated halos.	C69824	285	285.68	0.68	0.0005	AGAT_FAICP		
285.68	286.15	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	C69825	285.68	286.15	0.47	0.004	AGAT_FAICP		
		UMD-Lamprophyre with fine grained xenoliths and vesicles. High angle contacts								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
286.15	291.20	(FGS) Felsic Gneiss Sedimentary, ()	C69827	286.15	287.1	0.95	0.002	AGAT_FAICP		
		FGS contains a moderate biotite content. Weak to moderate F1 folding. Very low sulphide content. Weak to moderate potassic and sericitic alteration via disseminated halos as well as sporadic veinlets. Weak chloritic alteration via veins and pervasive flooding. Short lamprophyres throughout with the largest contained from 286.665 - 286.70 m's with an upper contact of 18/316.	C69828	287.1	288.47	1.37	0.001	AGAT_FAICP		
			C69829	288.47	289.97	1.5	0.002	AGAT_FAICP		
			C69830	289.97	291.2	1.23	0.001	AGAT_FAICP		
291.20	292.90	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	C69831	291.2	292	0.8	0.001	AGAT_FAICP		
		Fine grained lamprophyre with moderate fine grained xenoliths/vesicles. No magnetic signature.	C69833	292	292.9	0.9	0.0005	AGAT_FAICP		
292.90	295.73	(FGS) Felsic Gneiss Sedimentary, ()	C69834	292.9	294.26	1.36	0.002	AGAT_FAICP		
		Weak foliation fabric. Very low sulphide content. Weak to moderate potassic/sericitic alteration via dissemination and halo signatures. Weak chloritic alteration halos.	C69835	294.26	295.18	0.92	0.003	AGAT_FAICP		
			C69836	295.18	295.73	0.55	0.002	AGAT_FAICP		
295.73	296.76	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	C69837	295.73	296.76	1.03	0.001	AGAT_FAICP		
		UMD-lamprophyre is moderately magnetic. Fine grained vesicles and xenoliths. Upper and lower chill margins present.								
296.76	298.77	(FGS) Felsic Gneiss Sedimentary, ()	C69839	296.76	298.2	1.44	0.002	AGAT_FAICP		
		Moderate biotite content. Weak potassic/sericitic/chloritic alteration via dissemination/sporadic veinlets/halos. Very low sulphide content.	C69840	298.2	298.77	0.57	0.002	AGAT_FAICP		
298.77	299.32	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	C69841	298.77	299.32	0.55	0.002	AGAT_FAICP		
		UMD-Lamprophyre with fine grained xenoliths and vesicles. Moderately magnetic. Upper and lower chills margins present.								
299.32	304.65	(FGS) Felsic Gneiss Sedimentary, ()	C69842	299.32	300.73	1.41	0.001	AGAT_FAICP		
		Very low sulphide content. Short QV contained around 304.10 (see ening tab). Weak foliation fabric. A couple thin lamprophyres present. Weak to moderate potassic/sericitic alteration via stringers as well as pervasive flooding proximal to lamprophyres.	C69843	300.73	302.23	1.5	0.001	AGAT_FAICP		
			C69844	302.23	303.64	1.41	0.001	AGAT_FAICP		
			C69845	303.64	304.65	1.01	0.001	AGAT_FAICP		
304.65	306.27	(UMD) UMLAMP Dike, ()	C69847	304.65	305.62	0.97	0.003	AGAT_FAICP		
		Lamprophyre contains sections of FGS from upper and lower contacts. Biotite increasing								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		downwards. Moderately low sulphide content with pyrite being dominant over pyrrhotite Py 85/Po 15.	C69848	305.62	306.27	0.65	0.002	AGAT_FAICP		
306.27	306.68	(QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated	C69849	306.27	306.68	0.41	0.001	AGAT_FAICP		
		Short fine grained/milky quartz vein. Vein is translucent in opacity. Fine grained k-spar contained throughout producing a salty texture. Veinlets of moderate to strong chloritic alteration crosscut the unit at moderate angle to core axis due to proximal UMD. Moderate to strong potassic alteration via veinlets. Moderately low sulphide content with pyrite as the dominant species Py 80 / Po 20.								
306.68	307.48	(FGS) Felsic Gneiss Sedimentary, ()	C69850	306.68	307.48	0.8	0.001	AGAT_FAICP		
		FGS contains moderate to strong potassic and chloritic alteration due to thin lamprophyre veinlets. Alteration present via dissemination/halos/stringers. Thin quartz veins present with no significant sulphide content. Weak foliation fabric.								
307.48	307.90	(QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated	C69851	307.48	307.9	0.42	0.001	AGAT_FAICP		
		Short fine grained/milky quartz vein. Vein is translucent in opacity. Fine grained k-spar contained throughout producing a salty texture. Veinlets of moderate to strong chloritic alteration crosscut the unit at moderate angle to core axis due to proximal UMD. Moderate to strong potassic alteration via veinlets. Moderately low sulphide content with pyrite as the dominant species Py 80 / Po 20. Moderate amphibole content throughout.								
307.90	334.24	(FGS) Felsic Gneiss Sedimentary, ()	C69853	307.9	309	1.1	0.001	AGAT_FAICP		
		Short barren quartz veins found throughout with insignificant sulphide content (see veining tab). Biotite content is variable throughout ranging from 8 - 12%. Weak to moderate potassic alteration via high angled bands and halos. Weak chloritic alteration via pervasive flooding. Very low sulphide content. Foliation fabric is weak to moderate and variable due to moderate F1 folding. Weak background amphibole observable with some massive examples present.	C69854	309	310.12	1.12	0.002	AGAT_FAICP		
			C69855	310.12	311.62	1.5	0.001	AGAT_FAICP		
			C69856	311.62	313.12	1.5	0.001	AGAT_FAICP		
			C69857	313.12	314.48	1.36	0.004	AGAT_FAICP		
			C69859	314.48	315.95	1.47	0.001	AGAT_FAICP		
			C69874	333	334.24	1.24	0.004	AGAT_FAICP		
			C69867	324.5	325.9	1.4	0.003	AGAT_FAICP		
			C69868	325.9	327.31	1.41	0.002	AGAT_FAICP		
			C69869	327.31	328.81	1.5	0.001	AGAT_FAICP		
			C69870	328.81	330.23	1.42	0.002	AGAT_FAICP		
			C69871	330.23	331.55	1.32	0.0005	AGAT_FAICP		
			C69873	331.55	333	1.45	0.001	AGAT_FAICP		
			C69860	315.95	317.45	1.5	0.001	AGAT_FAICP		
		C69861	317.45	318.85	1.4	0.001	AGAT_FAICP			

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C69862	318.85	320.3	1.45	0.002	AGAT_FAICP		
			C69863	320.3	321.78	1.48	0.001	AGAT_FAICP		
			C69864	321.78	323.07	1.29	0.001	AGAT_FAICP		
			C69865	323.07	324.5	1.43	0.001	AGAT_FAICP		
334.24	335.80	(PEG, UMD) Pegmatite, UMLAMP Dike, (PEGGR) Granitic Pegmatite (<50% quartz)	C69875	334.24	335.25	1.01	0.003	AGAT_FAICP		
		Strong melt textures due to lamp mixing with peg. Low sulphide with pyrite being dominant over pyrrhotite Py 85/ Po 15. Pegmatite is dominated by medium grained k-spar.	C69876	335.25	335.8	0.55	0.008	AGAT_FAICP		
335.80	341.43	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	C69877	335.8	337.15	1.35	0.003	AGAT_FAICP		
		Fine grained lamprophyre with fine grained xenoliths and vesicles. Low sulphide content with the occasional cubic pyrite present.	C69879	337.15	338.5	1.35	0.001	AGAT_FAICP		
			C69880	338.5	339.9	1.4	0.001	AGAT_FAICP		
			C69881	339.9	340.5	0.6	0.002	AGAT_FAICP		
			C69882	340.5	341.43	0.93	0.001	AGAT_FAICP		
341.43	356.00	(FGS) Felsic Gneiss Sedimentary, ()	C69883	341.43	342.86	1.43	0.001	AGAT_FAICP		
		Fine to medium grained FGS with moderate F1 folding and quartz veining. Unit does not contain significant sulphide content. Weak to strong potassic alteration via pervasive flooding and halos throughout. Weak to moderate chloritic alteration via halos and high angled bands. Sericitic alteration also present in the form of high angled veinlets. Foliation fabric is weak to moderate. EOH=356.00	C69884	342.86	344.3	1.44	0.003	AGAT_FAICP		
			C69885	344.3	345.7	1.4	0.0005	AGAT_FAICP		
			C69887	345.7	347.19	1.49	0.0005	AGAT_FAICP		
			C69888	347.19	348.68	1.49	0.002	AGAT_FAICP		
			C69889	348.68	350.04	1.36	0.001	AGAT_FAICP		
			C69890	350.04	351	0.96	0.001	AGAT_FAICP		
			C69891	351	352.45	1.45	0.002	AGAT_FAICP		
			C69893	352.45	353.6	1.15	0.001	AGAT_FAICP		
			C69894	353.6	354.92	1.32	0.0005	AGAT_FAICP		
			C69895	354.92	356	1.08	0.002	AGAT_FAICP		EOH=356.00

Hole ID : RD19-00005

Project : Borden

Drilling Details :

Azimuth : 152
 Dip : -45
 Length : 366
 Drill Start : 13-Mar-2019
 Drill Completed : 18-Mar-2019
 Core Size : NQ
 Drill Company : Major
 Oriented Core : No

Location Details :

Easting : 343276
 Northing : 5303621
 Elevation : 420
 UTM Grid : NAD83_UTMZ17N_GPS
 Township : Gamey
 Storage Location : Chapleau Ont

Logging Details :

Logged By : Christine.Shultis
 Logged By 2 :
 Log Start : 15-Mar-2019
 Log Completed : 21-Mar-2019
 Re-Logged By :
 Re-Log Start :
 Re-Log Completed :

Comments :

EZ shot at 15m and 30m (call geo); then at 51m intervals thereafter. Multishot entire hole upon completion of drilling. Hexagonal stabilization. Full orientation. Use cuttings containment. Leave casing in hole. Used Van Ruth plug; and cap stamped with HoleID. No observable mineralized zone. Little to no sulphides and little to no strain throughout. Magnetite and Lamprophyre dykes are common from top to end of holes.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	6.10	(OB) Overburden, ()								
6.10	15.18	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	Z38201	6.1	7	0.9	0.002	AGAT_FAICP		
			Z38202	7	8	1	0.0005	AGAT_FAICP		
			Z38203	8	8.52	0.52	0.0005	AGAT_FAICP		
			Z38204	8.52	9	0.48	0.004	AGAT_FAICP		
			Z38205	9	10	1	0.0005	AGAT_FAICP		
			Z38207	10	11	1	0.0005	AGAT_FAICP		
			Z38208	11	12	1	0.0005	AGAT_FAICP		
			Z38209	12	13	1	0.0005	AGAT_FAICP		
			Z38210	13	14	1	0.001	AGAT_FAICP		
			Z38211	14	14.64	0.64	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			Z38213	14.64	15.18	0.54	0.004	AGAT_FAICP		
15.18	16.12	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) PEG with no visible sulphides. Sharp contacts.	Z38214	15.18	16.12	0.94	0.0005	AGAT_FAICP		
16.12	17.90	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone FMG weakly to moderately foliated FGS with garnets. Locally magnetic. QV 1-5cm throughout. Interval with increased BI; QZ and GA 16.27-16.42m.	Z38215	16.12	17	0.88	0.0005	AGAT_FAICP		
			Z38216	17	17.9	0.9	0.0005	AGAT_FAICP		
17.90	18.95	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) PEG with no visible sulphides.	Z38217	17.9	18.95	1.05	0.0005	AGAT_FAICP		
18.95	35.57	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone FMG weakly to moderately foliated FGS with garnets. Rare QF intervals and rare QV (>1-1cm). Common alteration halos associated with carbonate veinlets.	Z38219	18.95	20	1.05	0.003	AGAT_FAICP		
			Z38220	20	21	1	0.002	AGAT_FAICP		
			Z38221	21	22	1	0.033	AGAT_FAICP		
			Z38222	22	23	1	0.002	AGAT_FAICP		
			Z38223	23	24	1	0.001	AGAT_FAICP		
			Z38224	24	25	1	0.002	AGAT_FAICP		
			Z38233	31	31.55	0.55	0.0005	AGAT_FAICP		
			Z38234	31.55	32.23	0.68	0.004	AGAT_FAICP		
			Z38235	32.23	32.8	0.57	0.001	AGAT_FAICP		
			Z38236	32.8	33.65	0.85	0.003	AGAT_FAICP		
			Z38237	33.65	34.6	0.95	0.002	AGAT_FAICP		
			Z38239	34.6	35.57	0.97	0.0005	AGAT_FAICP		
			Z38225	25	26	1	0.0005	AGAT_FAICP		
			Z38227	26	27	1	0.003	AGAT_FAICP		
			Z38228	27	28.05	1.05	0.002	AGAT_FAICP		
			Z38229	28.05	29	0.95	0.004	AGAT_FAICP		
			Z38230	29	30	1	0.001	AGAT_FAICP		
			Z38231	30	31	1	0.0005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
35.57	36.63	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	Z38240	35.57	36.13	0.56	0.001	AGAT_FAICP		
			Z38241	36.13	36.63	0.5	0.003	AGAT_FAICP		
PEG. Sulphides associated with increases in BI and MG intervals.										
36.63	39.49	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	Z38242	36.63	37.65	1.02	0.002	AGAT_FAICP		
			Z38243	37.65	38.6	0.95	0.0005	AGAT_FAICP		
			Z38244	38.6	39.49	0.89	0.0005	AGAT_FAICP		
Fairly massive MG FGS with garnets. Locally magnetic. Common alteration halos associated with carbonate veinlets.										
39.49	41.06	(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, (FGSGB) Variable BI + garnets below the gold zone	Z38245	39.49	40.5	1.01	0.001	AGAT_FAICP		
			Z38247	40.5	41.06	0.56	0.009	AGAT_FAICP		
Fairly massive MG FGS with garnets. PEG crosscuts throughout almost parallel to core axis. Arbitrary upper contact where PEG starts.										
41.06	47.35	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	Z38248	41.06	42.1	1.04	0.001	AGAT_FAICP		
			Z38249	42.1	43	0.9	0.0005	AGAT_FAICP		
			Z38250	43	44	1	0.002	AGAT_FAICP		
			Z38251	44	45	1	0.0005	AGAT_FAICP		
			Z38253	45	45.95	0.95	0.003	AGAT_FAICP		
			Z38254	45.95	46.8	0.85	0.0005	AGAT_FAICP		
			Z38255	46.8	47.35	0.55	0.0005	AGAT_FAICP		
Fairly massive MG FGS with garnets. Common alteration halos associated with carbonate veinlets.										
47.35	47.82	(UMD) UMLAMP Dyke, (LAMPD) UMD - Lamprophyre Dyke	Z38256	47.35	47.82	0.47	0.0005	AGAT_FAICP		
Green Lamprophyre dyke. No visible sulphides.										
47.82	50.00	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	Z38257	47.82	48.77	0.95	0.0005	AGAT_FAICP		
			Z38259	48.77	49.5	0.73	0.0005	AGAT_FAICP		
			Z38260	49.5	50	0.5	0.0005	AGAT_FAICP		
Fairly massive MG FGS with garnets. Locally magnetic. Common alteration halos associated with carbonate veinlets. No visible sulphides.										
50.00	50.55	(PEG) Pegmatite, (PEGQZ) Quartz Pegmatite (>90% quartz)	Z38261	50	50.55	0.55	0.0005	AGAT_FAICP		
PEG appears to be melt more than a true PEG intrusive. LampD at upper contact (~5cm wide). No visible sulphides.										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
50.55	67.83	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	Z38262	50.55	51	0.45	0.0005	AGAT_FAICP		
			Z38263	51	52	1	0.0005	AGAT_FAICP		
			Z38264	52	53	1	0.0005	AGAT_FAICP		
			Z38265	53	54	1	0.0005	AGAT_FAICP		
			Z38267	54	55	1	0.0005	AGAT_FAICP		
			Z38268	55	55.56	0.56	0.0005	AGAT_FAICP		
			Z38283	66.9	67.83	0.93	0.002	AGAT_FAICP		
			Z38276	61	61.95	0.95	0.005	AGAT_FAICP		
			Z38277	61.95	63	1.05	0.001	AGAT_FAICP		
			Z38279	63	64	1	0.001	AGAT_FAICP		
			Z38280	64	65	1	0.001	AGAT_FAICP		
			Z38281	65	66	1	0.005	AGAT_FAICP		
			Z38282	66	66.9	0.9	0.009	AGAT_FAICP		
			Z38269	55.56	56	0.44	0.001	AGAT_FAICP		
			Z38270	56	57	1	0.0005	AGAT_FAICP		
			Z38271	57	58	1	0.0005	AGAT_FAICP		
			Z38273	58	59	1	0.003	AGAT_FAICP		
			Z38274	59	60	1	0.002	AGAT_FAICP		
			Z38275	60	61	1	0.001	AGAT_FAICP		
67.83	68.27	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	Z38284	67.83	68.27	0.44	0.002	AGAT_FAICP		
		PEG with garnets. No visible sulphides.								
68.27	69.65	(FGS) Felsic Gneiss Sedimentary, ()	Z38285	68.27	69.07	0.8	0.001	AGAT_FAICP		
		Massive to weakly foliated fine to medium grained FGS. Rare garnets throughout. Common PEG intermixing that looks more like melt than true intrusive. No visible sulphides.	Z38287	69.07	69.65	0.58	0.001	AGAT_FAICP		
69.65	70.56	(AMP) Amphibolite, ()	Z38288	69.65	70.56	0.91	0.001	AGAT_FAICP		
		Quartz rich AMP with biotite. QV 69.94-70.15m. Dominantly quartz with amphibole 70.23-70.56m. No visible sulphides.								
70.56	70.86	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	Z38289	70.56	70.86	0.3	0.005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
PEG that looks more like melt than true intrusive. Trace sulphides.										
70.86	74.14	(FGS) Felsic Gneiss Sedimentary, ()	Z38290	70.86	71.8	0.94	0.001	AGAT_FAICP		
Massive to weakly foliated fine to medium grained FGS. Occasional PEG intermixing that looks more like melt than true intrusive. Occasional QV/quartz flooding.			Z38291	71.8	72.6	0.8	0.0005	AGAT_FAICP		
			Z38293	72.6	73.2	0.6	0.001	AGAT_FAICP		
			Z38294	73.2	74.14	0.94	0.003	AGAT_FAICP		
74.14	75.33	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	Z38295	74.14	74.53	0.39	0.002	AGAT_FAICP		
PEG that looks more like melt than true intrusive. FGS 74.53-74.7m.			Z38296	74.53	75.33	0.8	0.004	AGAT_FAICP		
75.33	77.35	(FGS) Felsic Gneiss Sedimentary, ()	Z38297	75.33	76.3	0.97	0.001	AGAT_FAICP		
Massive to weakly foliated FGS. Occasional PEG intermixing that looks more like melt than true intrusive.			Z38299	76.3	77.35	1.05	0.096	AGAT_FAICP		
77.35	77.90	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	Z38300	77.35	77.9	0.55	0.001	AGAT_FAICP		
PEG that looks more like melt than true intrusive. FGS with gradational contacts 77.57-77.7m. Trace sulphides.										
77.90	86.82	(FGS) Felsic Gneiss Sedimentary, ()	Z38301	77.9	78.76	0.86	0.001	AGAT_FAICP		
Massive to weakly foliated fine to medium grained FGS. Common PEG intermixing that looks more like melt than true intrusive. PEG intervals as well.			Z38302	78.76	79.7	0.94	0.001	AGAT_FAICP		
			Z38303	79.7	80.6	0.9	0.001	AGAT_FAICP		
			Z38304	80.6	81.5	0.9	0.0005	AGAT_FAICP		
			Z38305	81.5	82.4	0.9	0.0005	AGAT_FAICP		
			Z38307	82.4	83.37	0.97	0.001	AGAT_FAICP		
			Z38308	83.37	83.75	0.38	0.001	AGAT_FAICP		
			Z38309	83.75	84.7	0.95	0.0005	AGAT_FAICP		
			Z38310	84.7	85.6	0.9	0.0005	AGAT_FAICP		
			Z38311	85.6	86.1	0.5	0.0005	AGAT_FAICP		
			Z38313	86.1	86.82	0.72	0.0005	AGAT_FAICP		
86.82	87.26	(QV) Quartz Vein, ()	Z38314	86.82	87.26	0.44	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
Quartz vein with feldspar; appears to be a recrystallized quartz vein.										
87.26	93.00	(FGS) Felsic Gneiss Sedimentary, ()	Z38315	87.26	88.33	1.07	0.0005	AGAT_FAICP		
		Massive to weakly foliated FGS. Quartz veins/clots averaging 1-2 cm throughout.	Z38316	88.33	89.3	0.97	0.0005	AGAT_FAICP		
			Z38317	89.3	90	0.7	0.0005	AGAT_FAICP		
			Z38319	90	90.95	0.95	0.0005	AGAT_FAICP		
			Z38320	90.95	92	1.05	0.0005	AGAT_FAICP		
			Z38321	92	93	1	0.001	AGAT_FAICP		
93.00	102.70	(FGS) Felsic Gneiss Sedimentary, ()	Z38322	93	94	1	0.002	AGAT_FAICP		
		Fairly massive fine to medium grained FGS. Common melt texture; occasional PEG veins/clots. Lamprophyre dykes 93-93.05m and 93.67-93.78m.	Z38323	94	95	1	0.0005	AGAT_FAICP		
			Z38324	95	96	1	0.002	AGAT_FAICP		
			Z38325	96	97	1	0.001	AGAT_FAICP		
			Z38327	97	98	1	0.002	AGAT_FAICP		
			Z38328	98	99	1	0.001	AGAT_FAICP		
			Z38329	99	100	1	0.0005	AGAT_FAICP		
			Z38330	100	101	1	0.0005	AGAT_FAICP		
			Z38331	101	102	1	0.001	AGAT_FAICP		
			Z38333	102	102.7	0.7	0.0005	AGAT_FAICP		
102.70	103.30	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	Z38334	102.7	103.3	0.6	0.002	AGAT_FAICP		
		PEG looks more like melt than true intrusive. Recrystallized QV at upper contact.								
103.30	104.95	(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, ()	Z38335	103.3	104.1	0.8	0.0005	AGAT_FAICP		
		Fairly massive fine to medium grained FGS. PEG comprises about 20% of lithology; typically contacts are almost parallel to core axis.	Z38336	104.1	104.95	0.85	0.001	AGAT_FAICP		
104.95	105.26	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	Z38337	104.95	105.26	0.31	0.0005	AGAT_FAICP		
		Green Lamprophyre dykes crosscutting FGS.								
105.26	105.80	(FGS) Felsic Gneiss Sedimentary, ()	Z38339	105.26	105.8	0.54	0.0005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Fairly massive fine to medium grained FGS. Moderately altered due to LampD above and below.								
105.80	106.62	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	Z38340	105.8	106.62	0.82	0.0005	AGAT_FAICP		
		Green Lamprophyre dyke crosscutting FGS. Altered FGS 105.9-106.12m.								
106.62	114.16	(FGS) Felsic Gneiss Sedimentary, ()	Z38341	106.62	107.6	0.98	0.0005	AGAT_FAICP		
		Fairly massive fine to medium grained FGS. Intermixing PEG appears to be melt more than true intrusive.	Z38342	107.6	108.6	1	0.0005	AGAT_FAICP		
			Z38343	108.6	109.6	1	0.0005	AGAT_FAICP		
			Z38344	109.6	110.5	0.9	0.001	AGAT_FAICP		
			Z38345	110.5	111.4	0.9	0.001	AGAT_FAICP		
			Z38347	111.4	112.3	0.9	0.0005	AGAT_FAICP		
			Z38348	112.3	113.2	0.9	0.0005	AGAT_FAICP		
			Z38349	113.2	114.16	0.96	0.0005	AGAT_FAICP		
114.16	114.76	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	Z38350	114.16	114.76	0.6	0.0005	AGAT_FAICP		
		PEG with uneven contacts. Trace pyrite.								
114.76	117.16	(FGS) Felsic Gneiss Sedimentary, ()	Z38351	114.76	115.8	1.04	0.0005	AGAT_FAICP		
		FGS with trace garnets. Common melt texture. Rare QV (less than 1 to 1cm; one folded QV).	Z38353	115.8	116.55	0.75	0.0005	AGAT_FAICP		
			Z38354	116.55	117.16	0.61	0.0005	AGAT_FAICP		
117.16	124.72	(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, ()	Z38355	117.16	118.2	1.04	0.0005	AGAT_FAICP		
		Fairly massive fine to medium grained FSG. PEG throughout commonly has uneven contacts almost parallel to core axis.	Z38356	118.2	119.2	1	0.0005	AGAT_FAICP		
			Z38357	119.2	120.2	1	0.001	AGAT_FAICP		
			Z38359	120.2	121.2	1	0.0005	AGAT_FAICP		
			Z38360	121.2	122	0.8	0.0005	AGAT_FAICP		
			Z38361	122	123	1	0.0005	AGAT_FAICP		
			Z38362	123	124	1	0.0005	AGAT_FAICP		
			Z38363	124	124.72	0.72	0.0005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
124.72	126.65	(FGS) Felsic Gneiss Sedimentary, () Fairly massive fine to medium grained FGS. Arbitrary upper contact marks last PEG.	Z38364	124.72	125.7	0.98	0.001	AGAT_FAICP		
			Z38365	125.7	126.65	0.95	0.0005	AGAT_FAICP		
126.65	127.15	(PEG) Pegmatite, () PEG. No visible sulphides.	Z38367	126.65	127.15	0.5	0.002	AGAT_FAICP		
127.15	130.06	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone Fairly massive fine to medium grained FGS with garnets. Minor Amphibole. PEG 128.39-128.64m. Lamprophyre dykes ~2cm wide 129.15-129.35m. No visible sulphides.	Z38368	127.15	128.38	1.23	0.0005	AGAT_FAICP		
			Z38369	128.38	129.13	0.75	0.0005	AGAT_FAICP		
			Z38370	129.13	130.06	0.93	0.0005	AGAT_FAICP		
130.06	130.53	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) PEG with uneven contacts; more BI than typically seen in PEG. No visible sulphides.	Z38371	130.06	130.53	0.47	0.0005	AGAT_FAICP		
130.53	131.55	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone Weakly foliated medium grained FGS with garnets. PEG throughout. No visible sulphides.	Z38373	130.53	131.55	1.02	0.0005	AGAT_FAICP		
131.55	132.25	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Lamprophyre dyke with carbonate veinlets.	Z38374	131.55	132.25	0.7	0.001	AGAT_FAICP		
132.25	136.68	(FGS) Felsic Gneiss Sedimentary, () Massive to weakly foliated FGS. Locally magnetic due to magnetite. Lamprophyre dykes 133.72-133.83 and 134.86-134.97m. PEG throughout. No visible sulphides.	Z38375	132.25	133.2	0.95	0.0005	AGAT_FAICP		
			Z38376	133.2	134.2	1	0.006	AGAT_FAICP		
			Z38377	134.2	135.2	1	0.002	AGAT_FAICP		
			Z38379	135.2	136	0.8	0.0005	AGAT_FAICP		
			Z38380	136	136.68	0.68	0.001	AGAT_FAICP		
136.68	137.20	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Lamprophyre dyke with chill margins. PEG at contacts.	Z38381	136.68	137.2	0.52	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
137.20	140.33	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) PEG with no visible sulphides. Dominantly k-spar and quartz. No visible sulphides.	Z38382	137.2	138.2	1	0.0005	AGAT_FAICP		
			Z38383	138.2	139	0.8	0.0005	AGAT_FAICP		
			Z38384	139	139.5	0.5	0.0005	AGAT_FAICP		
			Z38385	139.5	140.33	0.83	0.0005	AGAT_FAICP		
140.33	140.72	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone Fairly massive fine to medium grained FGS with garnets. Minor magnetite. No visible sulphides.	Z38387	140.33	140.72	0.39	0.0005	AGAT_FAICP		
140.72	141.47	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) 140.72-141.2m: PEG with quartz feldspars and garnets; 141.2-141.44m: dominantly k-spar with quartz. No visible sulphides.	Z38388	140.72	141.47	0.75	0.002	AGAT_FAICP		
141.47	153.00	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone 141.47-144.21m: Massive to weakly foliated fine to medium grained FGS with garnets and magnetite; 141.21-141.4: quartz vein; 141.4-149.7: Weakly foliated medium to coarse grained FGS with garnets and magnetite; 159.7-153m: fine to medium grained FGS that is moderately k-altered. FGS changes are all gradational. QV and PEG intervals throughout. Lamprophyre dyke 146.02-146.14m and 150.46-150.67. No visible sulphides.	Z38389	141.47	142.5	1.03	0.001	AGAT_FAICP		
			Z38390	142.5	143.5	1	0.0005	AGAT_FAICP		
			Z38391	143.5	144.5	1	0.001	AGAT_FAICP		
			Z38393	144.5	145.5	1	0.0005	AGAT_FAICP		
			Z38394	145.5	146.3	0.8	0.002	AGAT_FAICP		
			Z38395	146.3	147.3	1	0.001	AGAT_FAICP		
			Z38396	147.3	148.3	1	0.0005	AGAT_FAICP		
			Z38397	148.3	149.3	1	0.0005	AGAT_FAICP		
			Z38399	149.3	150.3	1	0.0005	AGAT_FAICP		
			Z38400	150.3	151.3	1	0.0005	AGAT_FAICP		
153.00	154.28	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) PEG is dominantly k-spar with quartz; one quartz rich interval. Looks more like melt than true intrusive. Magnetite throughout. No visible sulphides.	Z38403	153	153.6	0.6	0.0005	AGAT_FAICP		
			Z38404	153.6	154.28	0.68	0.0005	AGAT_FAICP		
154.28	159.10	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	Z38405	154.28	155.3	1.02	0.0005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
Weakly foliated medium grained FGS with garnets. Quartz and quartz feldspar clots indicate melt texture. Locally magnetic due to magnetite. Gradational upper contact. No visible sulphides.			Z38407	155.3	156.3	1	0.0005	AGAT_FAICP		
			Z38408	156.3	157.3	1	0.004	AGAT_FAICP		
			Z38409	157.3	158.3	1	0.0005	AGAT_FAICP		
			Z38410	158.3	159.1	0.8	0.002	AGAT_FAICP		
159.10	160.10	(UMD) UMLAMP Di ke, (LAMPD) UMD - Lamprophyre Dyke Lamprophyre dyke with no chill margins.	Z38411	159.1	160.1	1	0.001	AGAT_FAICP		
160.10	164.90	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone Weakly foliated medium grained FGS with garnets. Quartz and quartz feldspar clots indicate melt texture. Locally magnetic due to magnetite. No visible sulphides.	Z38413	160.1	161.1	1	0.0005	AGAT_FAICP		
			Z38414	161.1	162.15	1.05	0.002	AGAT_FAICP		
			Z38415	162.15	163	0.85	0.002	AGAT_FAICP		
			Z38416	163	164	1	0.005	AGAT_FAICP		
			Z38417	164	164.9	0.9	0.002	AGAT_FAICP		
164.90	165.90	(UMD, FGS) UMLAMP Di ke, Felsic Gneiss Sedimentary, (LAMPD) UMD - Lamprophyre Dyke Lamprophyre dyke with chill margins. Crosscutting strongly HM altered FGS; FGS texture is not discernable.	Z38419	164.9	165.9	1	0.002	AGAT_FAICP		
165.90	168.30	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone Massive to weakly foliated medium grained FGS with garnets. Melt texture throughout. Uneven upper contact with lamprophyre is almost parallel to core axis. No visible sulphides.	Z38420	165.9	166.8	0.9	0.001	AGAT_FAICP		
			Z38421	166.8	167.5	0.7	0.001	AGAT_FAICP		
			Z38422	167.5	168.3	0.8	0.002	AGAT_FAICP		
168.30	168.70	(UMD) UMLAMP Di ke, (LAMPD) UMD - Lamprophyre Dyke Lamprophyre dyke with narrow chill margins.	Z38423	168.3	168.7	0.4	0.002	AGAT_FAICP		
168.70	169.25	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone Massive to weakly foliated medium grained FGS with garnets. Melt texture throughout. No visible sulphides.	Z38424	168.7	169.25	0.55	0.004	AGAT_FAICP		
169.25	169.60	(UMD) UMLAMP Di ke, (LAMPD) UMD - Lamprophyre Dyke	Z38425	169.25	169.6	0.35	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Lamprophyre dyke with narrow chill margins.								
169.60	173.00	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	Z38427	169.6	170.4	0.8	0.002	AGAT_FAICP		
		Massive to weakly foliated medium grained FGS with garnets. Melt texture throughout. No visible sulphides.	Z38428	170.4	171.4	1	0.009	AGAT_FAICP		
			Z38429	171.4	172.2	0.8	0.002	AGAT_FAICP		
			Z38430	172.2	173	0.8	0.001	AGAT_FAICP		
173.00	173.67	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	Z38431	173	173.67	0.67	0.001	AGAT_FAICP		
		PEG that looks more like melt than true intrusive. Dominantly quartz and feldspar with biotite. No visible sulphides.								
173.67	174.70	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	Z38433	173.67	174.7	1.03	0.001	AGAT_FAICP		
		Fairly massive fine to medium grained FGS with garnets. PEG that looks like melt throughout. No visible sulphides.								
174.70	175.95	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	Z38434	174.7	175.3	0.6	0.002	AGAT_FAICP		
		Lamprophyre dyke without chill margins.	Z38435	175.3	175.95	0.65	0.002	AGAT_FAICP		
175.95	176.80	(QV, PEG) Quartz Vein, Pegmatite, (QZVT2) Massive quartz vein	Z38436	175.95	176.8	0.85	0.001	AGAT_FAICP		
		Barren Quartz vein with PEG at contacts. PEG 176.11-176.15m; 176.4-176.55m; 176.76-176.84m; PEG has magnetite. FGS at upper contact. No visible sulphides.								
176.80	186.21	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	Z38437	176.8	177.8	1	0.002	AGAT_FAICP		
		Massive to weakly foliated FGS with garnets. Magnetite and melt texture throughout. No visible sulphides.	Z38439	177.8	178.8	1	0.001	AGAT_FAICP		
			Z38440	178.8	179.8	1	0.0005	AGAT_FAICP		
			Z38441	179.8	180.8	1	0.0005	AGAT_FAICP		
			Z38442	180.8	181.8	1	0.001	AGAT_FAICP		
			Z38443	181.8	182.65	0.85	0.004	AGAT_FAICP		
			Z38444	182.65	183.6	0.95	0.001	AGAT_FAICP		
			Z38445	183.6	184.6	1	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			Z38447	184.6	185.6	1	0.002	AGAT_FAICP		
			Z38448	185.6	186.21	0.61	0.002	AGAT_FAICP		
186.21	186.80	(UMD) UMLAMP Di ke, (LAMPD) UMD - Lamprophyre Dyke Lamprophyre dyke with chill margins.	Z38449	186.21	186.8	0.59	0.005	AGAT_FAICP		
186.80	193.56	(FGS) Felsic Gneiss Sedimentary, () Fine to medium grained hematite altered FGS. Abundant fractures are occasionally healed; one small breccia at 188.5m. No visible sulphides.	Z38450	186.8	187.8	1	0.006	AGAT_FAICP		
			Z38451	187.8	188.8	1	0.0005	AGAT_FAICP		
			Z38453	188.8	189.8	1	0.001	AGAT_FAICP		
			Z38454	189.8	190.8	1	0.001	AGAT_FAICP		
			Z38455	190.8	191.8	1	0.009	AGAT_FAICP		
			Z38456	191.8	192.7	0.9	0.0005	AGAT_FAICP		
			Z38457	192.7	193.56	0.86	0.001	AGAT_FAICP		
193.56	194.33	(UMD) UMLAMP Di ke, (LAMPD) UMD - Lamprophyre Dyke Lamprophyre dyke. Chill margin only at upper contact.	Z38459	193.56	194.33	0.77	0.001	AGAT_FAICP		
194.33	196.60	(FGS) Felsic Gneiss Sedimentary, () Fairly massive fine to medium grained FGS. Variable hematite alteration associated with fractures (occasionally healed). PEG at lower contact. No visible sulphides.	Z38460	194.33	195.1	0.77	0.001	AGAT_FAICP		
			Z38461	195.1	195.8	0.7	0.003	AGAT_FAICP		
			Z38462	195.8	196.6	0.8	0.002	AGAT_FAICP		
196.60	197.17	(UMD) UMLAMP Di ke, (LAMPD) UMD - Lamprophyre Dyke Green lamprophyre dyke. FGS 196.67-196.85m.	Z38463	196.6	197.17	0.57	0.001	AGAT_FAICP		
197.17	199.30	(FGS) Felsic Gneiss Sedimentary, () HM/K altered FGS with common fracturing (not healed). No visible sulphides.	Z38464	197.17	198.2	1.03	0.004	AGAT_FAICP		
			Z38465	198.2	199.3	1.1	0.001	AGAT_FAICP		
199.30	202.27	(FGS, QV) Felsic Gneiss Sedimentary, Quartz Vein, () HM/K altered FGS with abundant fractures (not healed). Quartz veining throughout has uneven contacts that are commonly almost parallel to core axis. Arbitrary upper contact is where quartz veining starts. No visible sulphides.	Z38467	199.3	200	0.7	0.005	AGAT_FAICP		
			Z38468	200	201	1	0.001	AGAT_FAICP		
			Z38469	201	201.65	0.65	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			Z38470	201.65	202.27	0.62	0.004	AGAT_FAICP		
202.27	202.90	(PEG) Pegmatite, ()	Z38471	202.27	202.9	0.63	0.007	AGAT_FAICP		Quartz veining at upper contact; PEG is dominantly k-spar and quartz. Looks more like melt than true intrusive. Abundant fractures throughout are rarely healed. No visible sulphides.
202.90	204.80	(FGS) Felsic Gneiss Sedimentary, ()	Z38473	202.9	203.9	1	0.002	AGAT_FAICP		Strongly hm/k altered FGS with abundant fractures that are rarely healed. Green lamprophyre dyke 204.2-204.5m. No visible sulphides.
			Z38474	203.9	204.8	0.9	0.005	AGAT_FAICP		
204.80	205.80	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	Z38475	204.8	205.8	1	0.003	AGAT_FAICP		Lamprophyre dyke with chill margin at lower contact.
205.80	206.67	(FGS) Felsic Gneiss Sedimentary, ()	Z38476	205.8	206.67	0.87	0.003	AGAT_FAICP		Fairly massive fine to medium grained FGS. Moderately HM/K altered throughout. No visible sulphides.
206.67	207.17	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	Z38477	206.67	207.17	0.5	0.004	AGAT_FAICP		Lamprophyre dyke with chill margins.
207.17	207.90	(FGS) Felsic Gneiss Sedimentary, ()	Z38479	207.17	207.9	0.73	0.001	AGAT_FAICP		Fairly massive fine to medium grained FGS. Moderately HM/K altered throughout. No visible sulphides.
207.90	209.10	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	Z38480	207.9	208.6	0.7	0.003	AGAT_FAICP		Lamprophyre dyke. HM/K altered FGS 208.24-208.33m. Uneven upper contact almost parallel to core axis.
			Z38481	208.6	209.1	0.5	0.016	AGAT_FAICP		
209.10	212.10	(FGS) Felsic Gneiss Sedimentary, ()	Z38482	209.1	210.1	1	0.002	AGAT_FAICP		Fairly massive fine to medium grained FGS. Moderately HM/K altered throughout. No visible sulphides.
			Z38483	210.1	211.1	1	0.005	AGAT_FAICP		
			Z38484	211.1	212.1	1	0.005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
212.10	212.78	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Lamprophyre dyke with chill margins. Uneven contacts.	Z38485	212.1	212.78	0.68	0.002	AGAT_FAICP		
212.78	215.90	(FGS) Felsic Gneiss Sedimentary, () Fairly massive fine to medium grained FGS with quartz/quartz feldspar melts. Moderately HM/K altered throughout. Common fractures are occasionally healed. No visible sulphides.	Z38487	212.78	213.8	1.02	0.002	AGAT_FAICP		
			Z38488	213.8	214.8	1	0.004	AGAT_FAICP		
			Z38489	214.8	215.9	1.1	0.004	AGAT_FAICP		
215.90	216.47	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Lamprophyre dyke with chill margins.	Z38490	215.9	216.47	0.57	0.001	AGAT_FAICP		
216.47	217.15	(QV) Quartz Vein, (QZVT2) Massive quartz vein Quartz vein. k-spar and minor altered FGS indicate recrystallization. Uneven contacts. No visible sulphides.	Z38491	216.47	217.15	0.68	0.0005	AGAT_FAICP		
217.15	219.06	(FGS) Felsic Gneiss Sedimentary, () Fairly massive fine to medium grained FGS. Moderately HM/K altered throughout. Common fractures are occasionally healed. No visible sulphides.	Z38493	217.15	218.2	1.05	0.0005	AGAT_FAICP		
			Z38494	218.2	219.06	0.86	0.001	AGAT_FAICP		
219.06	221.25	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Lamprophyre dyke with chill margins. Strongly altered felsic unit 220.43-220.56m. Very fine to fine grained crosscutting lamprophyre 219.85-220.37m has abundant veinlets with alteration halos. Uneven contacts.	Z38495	219.06	219.8	0.74	0.0005	AGAT_FAICP		
			Z38496	219.8	220.36	0.56	0.003	AGAT_FAICP		
			Z38497	220.36	221.25	0.89	0.0005	AGAT_FAICP		
221.25	227.90	(FGS) Felsic Gneiss Sedimentary, () Fairly massive fine to medium grained FGS. HM/K alteration throughout. Two intervals comprised of about 70% quartz veining with k-spar: 225.15-222.5m; 223.87-224.2m. Narrow lamprophyre dykes throughout including two 225-225.14m and 226.6-226.8m. Fractures throughout are dominantly healed. No visible sulphides.	Z38499	221.25	222.1	0.85	0.0005	AGAT_FAICP		
			Z38500	222.1	223	0.9	0.0005	AGAT_FAICP		
			Z38501	223	224	1	0.0005	AGAT_FAICP		
			Z38502	224	224.5	0.5	0.0005	AGAT_FAICP		
			Z38503	224.5	225	0.5	0.0005	AGAT_FAICP		
			Z38504	225	226	1	0.0005	AGAT_FAICP		
			Z38505	226	226.8	0.8	0.0005	AGAT_FAICP		
			Z38507	226.8	227.9	1.1	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
227.90	229.05	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Green lamprophyre dyke.	Z38508	227.9	228.5	0.6	0.002	AGAT_FAICP		
			Z38509	228.5	229.05	0.55	0.001	AGAT_FAICP		
229.05	234.10	(FGS) Felsic Gneiss Sedimentary, () Fairly strongly HM/k altered FGS with amphibole. Massive to weakly foliated. Common carbonate veinlets and quartz veins/clots less than 5cm. Rare bands (less than 5cm) of AMP. Common fractures are occasionally healed. No visible sulphides.	Z38510	229.05	230	0.95	0.001	AGAT_FAICP		
			Z38511	230	230.7	0.7	0.0005	AGAT_FAICP		
			Z38513	230.7	231.7	1	0.0005	AGAT_FAICP		
			Z38514	231.7	232.5	0.8	0.0005	AGAT_FAICP		
			Z38515	232.5	233.2	0.7	0.0005	AGAT_FAICP		
			Z38516	233.2	234.1	0.9	0.001	AGAT_FAICP		
234.10	234.70	(UMD) UMLAMP Dike, () Lamprophyre dyke with chill margins.	Z38517	234.1	234.7	0.6	0.0005	AGAT_FAICP		
234.70	240.70	(FGS) Felsic Gneiss Sedimentary, () Fairly strongly HM/k altered FGS with amphibole. Massive to weakly foliated. Common carbonate veinlets and quartz veins/clots less than 5cm. Rare bands (less than 5cm) of AMP; AMP 238.9-239.17m. Rare fractures are rarely healed. No visible sulphides.	Z38525	240	240.7	0.7	0.001	AGAT_FAICP		
			Z38519	234.7	235.7	1	0.002	AGAT_FAICP		
			Z38520	235.7	236.7	1	0.0005	AGAT_FAICP		
			Z38521	236.7	237.7	1	0.0005	AGAT_FAICP		
			Z38522	237.7	238.7	1	0.0005	AGAT_FAICP		
			Z38523	238.7	239.2	0.5	0.0005	AGAT_FAICP		
			Z38524	239.2	240	0.8	0.0005	AGAT_FAICP		
240.70	241.06	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Lamprophyre dyke with chill margins.	Z38527	240.7	241.06	0.36	0.002	AGAT_FAICP		
241.06	241.38	(FGS) Felsic Gneiss Sedimentary, () Fairly massive FGS with amphibole. Altered due to dykes above and below; RIE throughout. No visible sulphides.	Z38528	241.06	241.38	0.32	0.001	AGAT_FAICP		
241.38	241.95	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Lamprophyre dyke with mm scale chill margins.	Z38529	241.38	241.95	0.57	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
241.95	246.80	(FGS) Felsic Gneiss Sedimentary, ()	Z38530	241.95	243	1.05	0.0005	AGAT_FAICP		
		Fairly massive fine to medium grained FGS with amphibole. AMP 243.56-243.77m.	Z38531	243	244	1	0.002	AGAT_FAICP		
		Lamprophyre dyke 244.42-244.57m. No visible sulphides.	Z38533	244	245	1	0.001	AGAT_FAICP		
			Z38534	245	246	1	0.0005	AGAT_FAICP		
			Z38535	246	246.8	0.8	0.0005	AGAT_FAICP		
246.80	247.80	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	Z38536	246.8	247.8	1	0.0005	AGAT_FAICP		
		Lamprophyre dyke with chill margins.								
247.80	249.70	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	Z38537	247.8	248.8	1	0.001	AGAT_FAICP		
		Fairly massive FGS with garnets and magnetite. Weakly altered near lower contact with lamprophyre dyke.	Z38539	248.8	249.7	0.9	0.004	AGAT_FAICP		
249.70	250.10	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	Z38540	249.7	250.1	0.4	0.002	AGAT_FAICP		
		Lamprophyre dyke with chill margins.								
250.10	251.00	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	Z38541	250.1	251	0.9	0.002	AGAT_FAICP		
		Fairly massive FGS with garnets and magnetite.								
251.00	251.85	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	Z38542	251	251.85	0.85	0.001	AGAT_FAICP		
		Lamprophyre dyke with chill margins.								
251.85	255.50	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	Z38543	251.85	252.8	0.95	0.0005	AGAT_FAICP		
		Massive to weakly foliated FGS with garnets and magnetite. Trace pyrite near lower contact.	Z38544	252.8	253.8	1	0.0005	AGAT_FAICP		
			Z38545	253.8	254.8	1	0.002	AGAT_FAICP		
			Z38547	254.8	255.5	0.7	0.002	AGAT_FAICP		
255.50	256.00	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	Z38548	255.5	256	0.5	0.002	AGAT_FAICP		
		Lamprophyre dyke with chill margins.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
256.00	261.60	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone Massive to weakly foliated FGS with garnets and magnetite. Melt texture throughout.	Z38549	256	257	1	0.01	AGAT_FAICP		
			Z38550	257	258	1	0.0005	AGAT_FAICP		
			Z38551	258	258.9	0.9	0.002	AGAT_FAICP		
			Z38553	258.9	259.8	0.9	0.001	AGAT_FAICP		
			Z38554	259.8	260.7	0.9	0.005	AGAT_FAICP		
			Z38555	260.7	261.6	0.9	0.001	AGAT_FAICP		
261.60	262.10	(QV) Quartz Vein, (QZVT2) Massive quartz vein Recrystallized quartz vein with k-spar.	Z38556	261.6	262.1	0.5	0.002	AGAT_FAICP		
262.10	263.20	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone Weakly HM/K altered FGS with garnets and magnetite. Lamprophyre 262.1-262.2m.	Z38557	262.1	262.6	0.5	0.003	AGAT_FAICP		
			Z38559	262.6	263.2	0.6	0.0005	AGAT_FAICP		
263.20	263.90	(UMD) UMLAMP DiKE, (LAMPD) UMD - Lamprophyre Dyke Lamprophyre dyke with chill margins and carbonate veinlets.	Z38560	263.2	263.9	0.7	0.001	AGAT_FAICP		
263.90	265.10	(FGS) Felsic Gneiss Sedimentary, () Strongly altered FGS with abundant healed fractures. Displacement observable in lamprophyre dyke 264.14-264.3m.	Z38561	263.9	264.5	0.6	0.029	AGAT_FAICP		
			Z38562	264.5	265.1	0.6	0.011	AGAT_FAICP		
265.10	265.50	(UMD) UMLAMP DiKE, (LAMPD) UMD - Lamprophyre Dyke Lamprophyre dyke with chill margins. Observable displacement.	Z38563	265.1	265.5	0.4	0.002	AGAT_FAICP		
265.50	265.90	(FGS) Felsic Gneiss Sedimentary, () Strongly altered FGS. Abundant fractures are commonly healed. QV/Peg melt 265.5-265.56m.	Z38564	265.5	265.9	0.4	0.006	AGAT_FAICP		
265.90	267.15	(UMD) UMLAMP DiKE, (LAMPD) UMD - Lamprophyre Dyke Green lamprophyre dyke. Strongly altered FGS 266.5-266.8m.	Z38565	265.9	266.5	0.6	0.001	AGAT_FAICP		
			Z38567	266.5	267.15	0.65	0.0005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
267.15	270.80	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone Fairly massive FGS with garnets and magnetite.	Z38568	267.15	268.2	1.05	0.002	AGAT_FAICP		
			Z38569	268.2	269.2	1	0.001	AGAT_FAICP		
			Z38570	269.2	270	0.8	0.002	AGAT_FAICP		
			Z38571	270	270.8	0.8	0.0005	AGAT_FAICP		
270.80	273.00	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) PEG is dominantly quartz and k-spar. FGS 271.67-271.9m.	Z38573	270.8	271.67	0.87	0.0005	AGAT_FAICP		
			Z38574	271.67	272.5	0.83	0.0005	AGAT_FAICP		
			Z38575	272.5	273	0.5	0.002	AGAT_FAICP		
273.00	274.00	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Lamprophyre dyke with chill margins. Abundant healed fractures near lower contact.	Z38576	273	274	1	0.0005	AGAT_FAICP		
274.00	279.80	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone Massive to weakly foliated FGS with garnets and magnetite. Amphibole throughout.	Z38577	274	275	1	0.001	AGAT_FAICP		
			Z38579	275	276	1	0.0005	AGAT_FAICP		
			Z38580	276	277	1	0.001	AGAT_FAICP		
			Z38581	277	278	1	0.001	AGAT_FAICP		
			Z38582	278	279	1	0.002	AGAT_FAICP		
			Z38583	279	279.8	0.8	0.0005	AGAT_FAICP		
279.80	280.10	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) PEG is dominantly quartz and k-spar. Uneven contacts.	Z38584	279.8	280.1	0.3	0.006	AGAT_FAICP		
280.10	285.20	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone Massive to weakly foliated FGS with garnets and magnetite. Melt texture throughout.	Z38585	280.1	280.9	0.8	0.002	AGAT_FAICP		
			Z38587	280.9	281.9	1	0.002	AGAT_FAICP		
			Z38588	281.9	282.85	0.95	0.0005	AGAT_FAICP		
			Z38589	282.85	283.8	0.95	0.002	AGAT_FAICP		
			Z38590	283.8	284.5	0.7	0.001	AGAT_FAICP		
			Z38591	284.5	285.2	0.7	0.0005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
285.20	285.60	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) PEG is dominantly quartz and k-spar.	Z38593	285.2	285.6	0.4	0.0005	AGAT_FAICP		
285.60	286.10	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Lamprophyre dyke with chill margins.	Z38594	285.6	286.1	0.5	0.0005	AGAT_FAICP		
286.10	288.80	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone Fairly massive fine to medium grained FGS with garnets and magnetite.	Z38595	286.1	287.1	1	0.002	AGAT_FAICP		
			Z38596	287.1	288.1	1	0.001	AGAT_FAICP		
			Z38597	288.1	288.8	0.7	0.003	AGAT_FAICP		
288.80	289.20	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Lamprophyre dyke with chill margins.	Z38599	288.8	289.2	0.4	0.0005	AGAT_FAICP		
289.20	297.70	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone Massive to weakly foliated fine to medium grained FGS with garnets and magnetite. Narrow bands of AMP including two 293.46-293.6m and 294.03-204.12m.	Z38600	289.2	290	0.8	0.002	AGAT_FAICP		
			Z38601	290	291	1	0.003	AGAT_FAICP		
			Z38602	291	292	1	0.0005	AGAT_FAICP		
			Z38603	292	293	1	0.0005	AGAT_FAICP		
			Z38604	293	294	1	0.003	AGAT_FAICP		
			Z38605	294	295	1	0.002	AGAT_FAICP		
			Z38607	295	296	1	0.001	AGAT_FAICP		
			Z38608	296	296.8	0.8	0.0005	AGAT_FAICP		
			Z38609	296.8	297.7	0.9	0.001	AGAT_FAICP		
297.70	298.07	(AMP) Amphibolite, () Medium grained AMP with patchy CL alteration. Uneven upper contact.	Z38610	297.7	298.07	0.37	0.0005	AGAT_FAICP		
298.07	300.50	(FGS) Felsic Gneiss Sedimentary, () Massive to weakly foliated FGS with trace garnets and amphibole. Rare small quartz clots with feldspars. Weakly magnetic.	Z38611	298.07	298.9	0.83	0.001	AGAT_FAICP		
			Z38613	298.9	299.7	0.8	0.001	AGAT_FAICP		
			Z38614	299.7	300.5	0.8	0.0005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
300.50	301.40	(AMP) Amphibolite, () Medium grained amphibolite. PEG at contacts ~cm wide. No visible sulphides.	Z38615	300.5	301.4	0.9	0.001	AGAT_FAICP		
301.40	306.88	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone Massive to weakly foliated FGS with garnets and amphibole. Weakly magnetic. Narrow quartz clots with feldspars. AMP 302.5-302.62; LampD 302.62-302.72m.	Z38616	301.4	302.2	0.8	0.001	AGAT_FAICP		
			Z38617	302.2	303.1	0.9	0.0005	AGAT_FAICP		
			Z38619	303.1	304	0.9	0.0005	AGAT_FAICP		
			Z38620	304	305	1	0.001	AGAT_FAICP		
			Z38621	305	306	1	0.001	AGAT_FAICP		
			Z38622	306	306.88	0.88	0.009	AGAT_FAICP		
306.88	307.40	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Lamprophyre dyke with chill margins.	Z38623	306.88	307.4	0.52	0.001	AGAT_FAICP		
307.40	315.20	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone Massive to weakly foliated FGS with garnets and amphibole. Weakly magnetic. Narrow quartz clots with feldspars throughout.	Z38624	307.4	308.2	0.8	0.002	AGAT_FAICP		
			Z38625	308.2	309.1	0.9	0.002	AGAT_FAICP		
			Z38627	309.1	310	0.9	0.008	AGAT_FAICP		
			Z38628	310	311	1	0.001	AGAT_FAICP		
			Z38629	311	312	1	0.002	AGAT_FAICP		
			Z38630	312	313	1	0.001	AGAT_FAICP		
			Z38631	313	313.7	0.7	0.002	AGAT_FAICP		
			Z38633	313.7	314.4	0.7	0.003	AGAT_FAICP		
			Z38634	314.4	315.2	0.8	0.002	AGAT_FAICP		
315.20	315.70	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Lamprophyre dyke with chill margins. Occasional carbonate veinlets.	Z38635	315.2	315.7	0.5	0.002	AGAT_FAICP		
315.70	316.20	(FGS) Felsic Gneiss Sedimentary, () Strongly altered felsic unit assumed to be FGS as above and below lamprophyres.	Z38636	315.7	316.2	0.5	0.001	AGAT_FAICP		
316.20	316.86	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Lamprophyre dyke with narrow chill margins and wide alteration halos. Strongly altered felsic unit 316.07-316.3m.	Z38637	316.2	316.86	0.66	0.0005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
316.86	317.70	(FGS) Felsic Gneiss Sedimentary, () Strongly altered felsic unit between two lamprophyres. Lamprophyres 317.06-317.14m; 317.2-317.34m.	Z38639	316.86	317.7	0.84	0.001	AGAT_FAICP		
317.70	318.35	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Green Lamprophyre dyke.	Z38640	317.7	318.35	0.65	0.001	AGAT_FAICP		
318.35	319.74	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone Moderately altered felsic gneiss with garnets and magnetite. Cm scale quartz clots throughout.	Z38641 Z38642	318.35 319	319 319.74	0.65 0.74	0.003 0.001	AGAT_FAICP AGAT_FAICP		
319.74	320.10	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Green lamprophyre dyke.	Z38643	319.74	320.1	0.36	0.0005	AGAT_FAICP		
320.10	322.10	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone Moderately altered felsic gneiss with garnets and magnetite. Cm scale quartz clots and quartz feldspar clots throughout. AMP 321.95-322.05m.	Z38644 Z38645	320.1 321.1	321.1 322.1	1 1	0.002 0.004	AGAT_FAICP AGAT_FAICP		
322.10	324.60	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Very fine grained lamprophyre dyke with abundant carbonate veinlets throughout. More typical lamprophyre veins crosscutting 324.22-324.26m; 324.49-324.53m.	Z38647 Z38648 Z38649	322.1 323 323.8	323 323.8 324.6	0.9 0.8 0.8	0.001 0.001 0.002	AGAT_FAICP AGAT_FAICP AGAT_FAICP		
324.60	325.00	(FGS) Felsic Gneiss Sedimentary, () Strongly altered FGS with garnets. Fine to medium grained	Z38650	324.6	325	0.4	0.001	AGAT_FAICP		
325.00	325.30	(AMP) Amphibolite, () Medium grained amphibolite.	Z38651	325	325.3	0.3	0.0005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
325.30	325.70	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Possibly a recrystallized quartz vein; quartz vein with medium to coarse grained feldspars.	Z38653	325.3	325.7	0.4	0.002	AGAT_FAICP		
325.70	326.20	(UMD) UMLAMP DiKe, (LAMPD) UMD - Lamprophyre Dyke Green lamprophyre dyke.	Z38654	325.7	326.2	0.5	0.003	AGAT_FAICP		
326.20	333.46	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone Moderately altered felsic gneiss with garnets and magnetite. Weakly foliated. Cm scale quartz clots throughout commonly have feldspar as well. PEG at lower contact.	Z38655	326.2	327.1	0.9	0.002	AGAT_FAICP		
			Z38656	327.1	328	0.9	0.002	AGAT_FAICP		
			Z38657	328	328.9	0.9	0.003	AGAT_FAICP		
			Z38659	328.9	329.8	0.9	0.002	AGAT_FAICP		
			Z38660	329.8	330.6	0.8	0.012	AGAT_FAICP		
			Z38661	330.6	331.6	1	0.002	AGAT_FAICP		
			Z38662	331.6	332.5	0.9	0.001	AGAT_FAICP		
			Z38663	332.5	333.46	0.96	0.001	AGAT_FAICP		
333.46	334.16	(UMD) UMLAMP DiKe, (LAMPD) UMD - Lamprophyre Dyke Lamprophyre dyke with chill margins.	Z38664	333.46	334.16	0.7	0.053	AGAT_FAICP		
334.16	334.75	(FGS) Felsic Gneiss Sedimentary, () Fine to medium grained weakly foliated FGS. Strongly altered by dykes above and below. Recrystallized quartz vein 334.25-334.42m.	Z38665	334.16	334.75	0.59	0.003	AGAT_FAICP		
334.75	335.50	(UMD) UMLAMP DiKe, (LAMPD) UMD - Lamprophyre Dyke Lamprophyre dyke with chill margins. Altered and well foliated FGS 335-335.1m.	Z38667	334.75	335.5	0.75	0.006	AGAT_FAICP		
335.50	338.50	(FGS) Felsic Gneiss Sedimentary, () Fine to medium grained weakly to moderately foliated FGS. Alteration throughout. Melt texture throughout. Lamprophyre 336.36-336.49m.	Z38668	335.5	336.5	1	0.001	AGAT_FAICP		
			Z38669	336.5	337.5	1	0.003	AGAT_FAICP		
			Z38670	337.5	338.5	1	0.004	AGAT_FAICP		
338.50	338.95	(UMD) UMLAMP DiKe, (LAMPD) UMD - Lamprophyre Dyke Lamprophyre dyke without chill margins.	Z38671	338.5	338.95	0.45	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
338.95	339.73	(FGS) Felsic Gneiss Sedimentary, () Fine to medium grained weakly to moderately foliated FGS. Alteration throughout. Melt texture throughout.	Z38673	338.95	339.73	0.78	0.001	AGAT_FAICP		
339.73	340.70	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Lamprophyre dyke with very narrow chill margins. Rare cm scale phenocrysts.	Z38674	339.73	340.7	0.97	0.002	AGAT_FAICP		
340.70	342.37	(FGS) Felsic Gneiss Sedimentary, () Fine to medium grained weakly to moderately foliated FGS.	Z38675	340.7	341.7	1	0.004	AGAT_FAICP		
			Z38676	341.7	342.37	0.67	0.003	AGAT_FAICP		
342.37	343.13	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) PEG is dominantly feldspar with quartz. No visible sulphides.	Z38677	342.37	343.13	0.76	0.002	AGAT_FAICP		
343.13	343.85	(FGS) Felsic Gneiss Sedimentary, () FGS banded with AMP and blue QV 343.13-343.4m. Strongly altered throughout; weakly to moderately foliated FGS 343.4-343.6m. PEG 343.6-343.85m.	Z38679	343.13	343.85	0.72	0.021	AGAT_FAICP		
343.85	347.70	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Lamprophyre dyke with subrounded phenocrysts up to ~4cm. Chill margin at lower contact only. Strongly altered FGS 345.12-345.45m.	Z38680	343.85	344.8	0.95	0.003	AGAT_FAICP		
			Z38681	344.8	345.4	0.6	0.001	AGAT_FAICP		
			Z38682	345.4	346.4	1	0.001	AGAT_FAICP		
			Z38683	346.4	347	0.6	0.001	AGAT_FAICP		
			Z38684	347	347.7	0.7	0.003	AGAT_FAICP		
347.70	348.35	(FGS) Felsic Gneiss Sedimentary, () Strongly altered FGS between two lamprophyres.	Z38685	347.7	348.35	0.65	0.005	AGAT_FAICP		
348.35	348.65	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Green lamprophyre dyke.	Z38687	348.35	348.65	0.3	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
348.65	350.45	(FGS) Felsic Gneiss Sedimentary, () Fine grained strongly altered FGS. Little texture visible. PEG 349.58-349.8m.	Z38688	348.65	349.5	0.85	0.003	AGAT_FAICP		
			Z38689	349.5	350.45	0.95	0.002	AGAT_FAICP		
350.45	351.50	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) PEG with healed fractures and alteration associated with dykes above and below. No visible sulphides.	Z38690	350.45	351.5	1.05	0.002	AGAT_FAICP		
351.50	354.25	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Lamprophyre dyke with chill margins. Common carbonate veinlets and felsic phenocrysts.	Z38691	351.5	352.5	1	0.001	AGAT_FAICP		
			Z38693	352.5	353.4	0.9	0.002	AGAT_FAICP		
			Z38694	353.4	354.25	0.85	0.002	AGAT_FAICP		
354.25	359.05	(FGS) Felsic Gneiss Sedimentary, () Massive to weakly foliated FGS with amphibole and magnetite. Rare quartz clots commonly have feldspars.	Z38695	354.25	355.1	0.85	0.007	AGAT_FAICP		
			Z38696	355.1	356.1	1	0.005	AGAT_FAICP		
			Z38697	356.1	357.1	1	0.003	AGAT_FAICP		
			Z38699	357.1	358	0.9	0.005	AGAT_FAICP		
			Z38700	358	359.05	1.05	0.013	AGAT_FAICP		
359.05	359.80	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) PEG with garnets. No visible sulphides. Altered fgs with garnets 359.6-359.8m.	Z38701	359.05	359.8	0.75	0.016	AGAT_FAICP		
359.80	360.20	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Fine grained lamprophyre dyke.	Z38702	359.8	360.2	0.4	0.002	AGAT_FAICP		
360.20	361.60	(FGS) Felsic Gneiss Sedimentary, () Fine grained moderately foliated FGS is strongly altered. PEG 360.7-360.8m.	Z38703	360.2	361	0.8	0.014	AGAT_FAICP		
			Z38704	361	361.6	0.6	0.011	AGAT_FAICP		
361.60	362.40	(QV) Quartz Vein, (QZVT2) Massive quartz vein Quartz vein with feldspar at contacts.	Z38705	361.6	362.4	0.8	0.015	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
362.40	366.00	(FGS) Felsic Gneiss Sedimentary, ()	Z38707	362.4	363.2	0.8	0.01	AGAT_FAICP		
		Fine to medium grained FGS with garnets and amphibole. Weakly developed texture. EOH=366m.	Z38708	363.2	364	0.8	0.008	AGAT_FAICP		
			Z38709	364	365	1	0.005	AGAT_FAICP		
			Z38710	365	366	1	0.015	AGAT_FAICP		

Hole ID : RD19-00006

Project : Borden

Drilling Details :

Azimuth : 154
 Dip : -45.5
 Length : 354
 Drill Start : 20-Mar-2019
 Drill Completed : 28-Mar-2019
 Core Size : NQ
 Drill Company : Major
 Oriented Core : No

Location Details :

Easting : 343228
 Northing : 5303820
 Elevation : 430
 UTM Grid : NAD83_UTMZ17N_GPS
 Township : Gamey
 Storage Location : Chapleau Ont

Logging Details :

Logged By : Colt.Meyer
 Logged By 2 :
 Log Start : 27-Mar-2019
 Log Completed : 1-Apr-2019
 Re-Logged By :
 Re-Log Start :
 Re-Log Completed :

Comments :

Multishot taken; one 3 m casing and shoe bit left in hole; TruCore Oriented Core; Three zones of interest throughout unit including substantial silica-flooded and white mica altered section polluted by ropy masses of almandine garnet from 45 to 80 metres depth; moderate silica floding and smoky veining from 150 to 170 m depth as well as around 300 metres depth; similar wide sedimentary envelope to other holes but silica flooded unit of interest is perhaps folded away from similarly planned holes; abundant magnetite and syenogranitic pegmatite swarm; water location is nemegosenda river. 3 samples taken for D. Tinkham for metamorphic reasearch at 52.88-53.10m; 56.31-56.60m; and 63.77-63.95m.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	2.30	(OB) Overburden, () overburden to 2.3 metres depth								
2.30	10.97	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone fine to medium-grained quartz-feldspar-biotite unit with disseminated fine-grained almandine garnet porphyroblasts throughout; weak to moderate sericitic alteration haloes on thin late quartz-carbonate veinlets; evidence of heating near lower sharp contact with amphibolite evidenced by banded to patchy quartz-rich melt breaking wallrock into sections; irregular and deformed patchy quartz-wallrock melt followed by thin regular conformable melt bands in sequence towards contact	D60487	2.3	3	0.7	0.009	AGAT_FAICP		
			D60488	3	4	1	0.007	AGAT_FAICP		
			D60489	4	5.5	1.5	0.009	AGAT_FAICP		
			D60490	5.5	6.6	1.1	0.009	AGAT_FAICP		
			D60491	6.6	8	1.4	0.004	AGAT_FAICP		
			D60493	8	9.4	1.4	0.005	AGAT_FAICP		
			D60494	9.4	10.12	0.72	0.01	AGAT_FAICP		
			D60495	10.12	10.97	0.85	0.009	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
10.97	20.54	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) medium to coarse-grained green massive amphibolite with patchy almandine garnet porphyroblasts; pophryroblasts more common in lower half of unit or around veins and become anhedral to severely broken down in areas; intermittent quartz and quartz-feldspar veins with some quartz-feldspar veins showing leucosomatic partial melt and tight ptigmatic folding; two intensely sericitized alteration bands at 19 m depth	D60496	10.97	12	1.03	0.002	AGAT_FAICP		
			D60497	12	13.42	1.42	0.002	AGAT_FAICP		
			D60499	13.42	14.42	1	0.002	AGAT_FAICP		
			D60500	14.42	15	0.58	0.004	AGAT_FAICP		
			D60501	15	16	1	0.004	AGAT_FAICP		
			D60502	16	17.5	1.5	0.002	AGAT_FAICP		
			D60503	17.5	19	1.5	0.007	AGAT_FAICP		
			D60504	19	19.55	0.55	0.004	AGAT_FAICP		
D60505	19.55	20.54	0.99	0.003	AGAT_FAICP					
20.54	24.83	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone medium-grained grey almandine garnet-porphyroblastic quartz-feldspar-biotite unit with intermittent quartz veining and sericite alteration haloes on late quartz-carbonate veinlets	D60507	20.54	22	1.46	0.003	AGAT_FAICP		
			D60508	22	23	1	0.002	AGAT_FAICP		
			D60509	23	23.86	0.86	0.001	AGAT_FAICP		
			D60510	23.86	24.83	0.97	0.002	AGAT_FAICP		
24.83	25.31	(QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated coarse-grained quartzofeldspathic melt with disseminated and banded remnants of incorporated FGS wallrock; undulating and deformed lower contact but orientable upper contact taken	D60511	24.83	25.31	0.48	0.002	AGAT_FAICP		
25.31	28.05	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone medium to coarse-grained grey almandine garnet-porphyroblastic quartz-feldspar-biotite unit with intermittent conformable quartz veining near lower contact and occasional quartz-carbonate veinlets with weak sericitic haloes; minor very fine-grained muscovite and foliation apparent from 27.2 metres down	D60513	25.31	26	0.69	0.004	AGAT_FAICP		
			D60514	26	27.4	1.4	0.003	AGAT_FAICP		
			D60515	27.4	28.05	0.65	0.003	AGAT_FAICP		
28.05	29.40	(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, (AMPIN) Intermediate Amphibolite (50-69% amphibole) green fine to medium-grained intermediate amphibolite with sharp contacts and intermittent FGS bands; no orientation because of core grind at upper contact	D60516	28.05	29	0.95	0.0005	AGAT_FAICP		
			D60517	29	29.4	0.4	0.04	AGAT_FAICP		
29.40	29.84	(QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated grey massive equigranular quartzofeldspathic vein with pinkish tinge; sharp generally conformable contacts with upper and lower units	D60519	29.4	29.84	0.44	0.022	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
29.84	34.30	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone fine to medium-grained and moderately foliated quartz-feldspar-biotite unit with patchy to disseminated almandine garnet porphyroblasts; very strong sericitic and potassic alteration envelopes on late quartz-carbonate veinlets; intermittent conformable quartz veins with minor wallrock incorporation; small speckled leucosomatic melt in parts of unit	D60520	29.84	31	1.16	0.025	AGAT_FAICP		
			D60521	31	32	1	0.007	AGAT_FAICP		
			D60522	32	33	1	0.006	AGAT_FAICP		
			D60523	33	33.56	0.56	0.002	AGAT_FAICP		
			D60524	33.56	34.3	0.74	0.004	AGAT_FAICP		
34.30	34.70	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) green massive intermediate amphibolite with strong sericitic alteration bands and gently folded quartz-biotite veinlet; sharp contacts and fine-grained feldspars	D60525	34.3	34.7	0.4	0.002	AGAT_FAICP		
34.70	35.94	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone grey fine-grained quartz-feldspar-biotite unit with trace foliation and disseminated almandine garnet porphyroblasts; lower pegmatite pervades bottom thirty cm of unit in narrow conformable bands; quartzofeldspathic coarse-grained irregular melt bands from 34.9 to 35.32 m depth	D60527	34.7	35.94	1.24	0.001	AGAT_FAICP		
35.94	38.64	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) pinkish red syenogranitic young intrusive pegmatite with pervasive contacts; blotchy varying proportions of quartz and potassium feldspar with interstitial biotite and muscovite clusters	D60528	35.94	37.2	1.26	0.001	AGAT_FAICP		
			D60529	37.2	38.64	1.44	0.001	AGAT_FAICP		
38.64	39.13	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone massive equigranular quartz-feldspar-biotite unit with higher muscovite presence than in previous intervals; unit is sandwiched between pegmatite-pervaded equivalents on either side and as a result has weak pinkish potassic alteration; no beta provided at upper contact because alpha is high and foliation is very weak	D60530	38.64	39.13	0.49	0.001	AGAT_FAICP		
39.13	41.42	(PEG, QV) Pegmatite, Quartz Vein, (PEGGR) Granitic Pegmatite (<50% quartz) remnant FGS-GB bands extensively swarmed by pegmatite throughout most of unit with one section heated to a quartzofeldspathic melt	D60531	39.13	40	0.87	0.003	AGAT_FAICP		
			D60533	40	40.69	0.69	0.004	AGAT_FAICP		
			D60534	40.69	41.42	0.73	0.0005	AGAT_FAICP		
41.42	43.75	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI +	D60535	41.42	42	0.58	0.0005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		garnets below the gold zone	D60536	42	43	1	0.0005	AGAT_FAICP		
		mid to dark grey quartz-feldspar-biotite unit with disseminated moderate proportion of small almandine garnet porphyroblasts; localized intrusive syenogranitic pegmatite and sporadic sericite alteration haloes on crosscutting quartz-carbonate veinlets; unconformable upper contact with granitic pegmatite	D60537	43	43.75	0.75	0.012	AGAT_FAICP		
43.75	47.27	(QV, FGS) Quartz Vein, Felsic Gneiss Sedimentary, (QZV) Quartz Vein Undifferentiated	D60539	43.75	44.54	0.79	0.001	AGAT_FAICP		
		coarse-grained heating envelope from upper syenogranitic pegmatite swarm; upper half of unit is intermixed syenitic pegmatite and siliceous FGS remelt while lower half of unit is siliceous banded FGS remelt with less direct pegmatite involvement; gentle open F2 folding apparent in lower half of unit; melt contacts highly unreliable for alpha beta measurements so rely on upper pegmatite contacts provided	D60540	44.54	45.4	0.86	0.001	AGAT_FAICP		
			D60541	45.4	45.8	0.4	0.003	AGAT_FAICP		
			D60542	45.8	46.22	0.42	0.003	AGAT_FAICP		
			D60543	46.22	46.64	0.42	0.002	AGAT_FAICP		
			D60544	46.64	47.27	0.63	0.016	AGAT_FAICP		
47.27	48.40	(GBFG) Garnet Biotite Felsic Gneiss, ()	D60545	47.27	47.6	0.33	0.002	AGAT_FAICP		
		medium to coarse-grained silicified quartz-feldspar-biotite unit with kickup in sulphides and abundant almandine garnet porphyroblasts; biotite and garnet organized in strong bands separating silicified sections; sharp lower contact with quartz vein and diffuse upper contact characterized by increased band strength and garnet abundance	D60547	47.6	48.4	0.8	0.005	AGAT_FAICP		
48.40	49.57	(QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated	D60548	48.4	48.7	0.3	0.011	AGAT_FAICP		
		coarse-grained dark grey massive quartz vein with abundant clotted up patches of almandine garnet porphyroblasts and cloudy greenish chlorite-epidote alteration; potential second late vein generation within dark grey vein consisting of opaque white quartz with potassic and sericitic altered margins; primary vein largely covered by masses of clustered garnet	D60549	48.7	49	0.3	0.003	AGAT_FAICP		
			D60550	49	49.57	0.57	0.005	AGAT_FAICP		
49.57	52.04	(GBFG) Garnet Biotite Felsic Gneiss, ()	D60551	49.57	50	0.43	0.002	AGAT_FAICP		
		medium-grained almandine garnet-porphyroblastic quartz-feldspar-biotite unit with intermittent later stage quartz veins separating strongly silicified hostrock sections; minor disseminated Py	D60553	50	50.3	0.3	0.002	AGAT_FAICP		
			D60554	50.3	50.7	0.4	0.003	AGAT_FAICP		
			D60555	50.7	51	0.3	0.005	AGAT_FAICP		
			D60556	51	51.5	0.5	0.002	AGAT_FAICP		
			D60557	51.5	52.04	0.54	0.003	AGAT_FAICP		
52.04	52.76	(QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated	D60559	52.04	52.76	0.72	0.002	AGAT_FAICP		
		coarse-grained milky quartz melt with abundant irregular wallrock fragment incorporation and patchy chlorite-epidote alteration as well as pink and grey quartzofeldspathic bands								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
52.76	53.10	(GBFG) Garnet Biotite Felsic Gneiss, ()	D60560	52.76	53.1	0.34	0.0005	AGAT_FAICP		
muddy quartz silicification with pinkish potassic staining and garnet-biotite wallrock bands; strong potassic and associated sericitic alteration at upper contact with QV; patchy muscovite appears. Sample DT19-0001 at 52.88-53.10m.										
53.10	54.36	(QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated	D60561	53.1	53.5	0.4	0.003	AGAT_FAICP		
coarse to very coarse-grained strongly altered melt zone with anastomosing muscovite-garnet textures followed by potassium bleached pink overprinting and lower section of very coarse pegmatitic potassium feldspars floating in muddy green and grey silica matrix										
			D60562	53.5	53.9	0.4	0.011	AGAT_FAICP		
			D60563	53.9	54.36	0.46	0.001	AGAT_FAICP		
54.36	55.00	(GBFG) Garnet Biotite Felsic Gneiss, ()	D60564	54.36	54.7	0.34	0.002	AGAT_FAICP		
silicified almandine garnet porphyroblast rich quartz-biotite unit with patchy muscovite; silicification defined by pervasive bands of cloudy grey quartz-feldspar infiltration										
			D60565	54.7	55	0.3	0.0005	AGAT_FAICP		
55.00	57.25	(QV, GBFG) Quartz Vein, Garnet Biotite Felsic Gneiss, (QZV) Quartz Vein Undifferentiated	D60567	55	55.3	0.3	0.003	AGAT_FAICP		
quartz silicification zone overprinted by webby anastomosing network of elongated muscovite in unusually high abundance; bands of ropy almandine garnet porphyroblasts; fine to medium-grained cloudy quartzofeldspathic groundmass; weak quartz-carbonate veinlets cutting perpendicular to banding; wispy bands of resorbed pyrite with eaten-up texture that appear to trace relict vein orientations and gentle folding. Sample DT19-0002 at 56.31-56.60m.										
			D60568	55.3	56	0.7	0.002	AGAT_FAICP		
			D60569	56	56.31	0.31	0.001	AGAT_FAICP		
			D60570	56.31	56.7	0.39	0.001	AGAT_FAICP		
			D60571	56.7	57.25	0.55	0.002	AGAT_FAICP		
57.25	66.48	(GBFG) Garnet Biotite Felsic Gneiss, ()	D60573	57.25	58	0.75	0.0005	AGAT_FAICP		
fine-grained biotite-rich unit with abundant disseminated almandine garnet porphyroblasts followed by coarser sections of alternating quartz and garnet-biotite-muscovite bands; abundant partly resorbed pyrite bands that bend and trace along fold and vein geometries; intermittent dark grey quartz veins with some tight to hairpin folding occurring; from 64.2 to 65 metres depth there is a light grey muscovite-rich section with light grey finer-grained cloudy silicification. Sample TD19-0003 at 63.77-63.85m.										
			D60574	58	58.46	0.46	0.001	AGAT_FAICP		
			D60575	58.46	58.9	0.44	0.001	AGAT_FAICP		
			D60576	58.9	59.4	0.5	0.0005	AGAT_FAICP		
			D60577	59.4	59.9	0.5	0.001	AGAT_FAICP		
			D60579	59.9	60.5	0.6	0.001	AGAT_FAICP		
			D60594	65.7	66.48	0.78	0.002	AGAT_FAICP		
			D60587	63.3	63.95	0.65	0.001	AGAT_FAICP		
			D60588	63.95	64.4	0.45	0.003	AGAT_FAICP		
			D60589	64.4	64.7	0.3	0.001	AGAT_FAICP		
			D60590	64.7	65	0.3	0.0005	AGAT_FAICP		
			D60591	65	65.4	0.4	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D60593	65.4	65.7	0.3	0.001	AGAT_FAICP		
			D60580	60.5	60.89	0.39	0.002	AGAT_FAICP		
			D60581	60.89	61.3	0.41	0.002	AGAT_FAICP		
			D60582	61.3	61.7	0.4	0.005	AGAT_FAICP		
			D60583	61.7	62	0.3	0.002	AGAT_FAICP		
			D60584	62	62.7	0.7	0.0005	AGAT_FAICP		
			D60585	62.7	63.3	0.6	0.0005	AGAT_FAICP		
66.48	67.34	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D60595	66.48	67.34	0.86	0.115	AGAT_FAICP		
										pink and grey syenogranitic intrusive pegmatite with finer grain size than similar units; pink and grey equigranular quartzofeldspathic groundmass with sporadic clusters of biotite-rich wallrock; sharp contacts
67.34	71.78	(GBFG) Garnet Biotite Felsic Gneiss, ()	D60596	67.34	68	0.66	0.0005	AGAT_FAICP		
			D60597	68	68.4	0.4	0.0005	AGAT_FAICP		
			D60599	68.4	69.4	1	0.0005	AGAT_FAICP		
			D60600	69.4	70	0.6	0.0005	AGAT_FAICP		
			D60601	70	70.6	0.6	0.0005	AGAT_FAICP		
			D60602	70.6	71	0.4	0.001	AGAT_FAICP		
			D60603	71	71.78	0.78	0.002	AGAT_FAICP		
71.78	72.18	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D60604	71.78	72.18	0.4	0.0005	AGAT_FAICP		
										fine to medium-grained green amphibolite band with thin bands of white leucosomatic partial melt and patchy almandine garnet porphyroblasts; sharp contacts and intense sericitic-potassic alteration at lower contact
72.18	88.60	(GBFG) Garnet Biotite Felsic Gneiss, ()	D60605	72.18	72.64	0.46	0.001	AGAT_FAICP		
			D60607	72.64	73.8	1.16	0.0005	AGAT_FAICP		
			D60608	73.8	75	1.2	0.0005	AGAT_FAICP		
			D60609	75	75.6	0.6	0.001	AGAT_FAICP		
			D60610	75.6	75.93	0.33	0.001	AGAT_FAICP		
			D60611	75.93	76.5	0.57	0.0005	AGAT_FAICP		
			D60627	88	88.6	0.6	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D60620	82	83	1	0.0005	AGAT_FAICP		
			D60621	83	84.17	1.17	0.001	AGAT_FAICP		
			D60622	84.17	85	0.83	0.001	AGAT_FAICP		
			D60623	85	85.8	0.8	0.001	AGAT_FAICP		
			D60624	85.8	87	1.2	0.001	AGAT_FAICP		
			D60625	87	88	1	0.001	AGAT_FAICP		
			D60613	76.5	78	1.5	0.001	AGAT_FAICP		
			D60614	78	79	1	0.001	AGAT_FAICP		
			D60615	79	79.7	0.7	0.001	AGAT_FAICP		
			D60616	79.7	80.04	0.34	0.0005	AGAT_FAICP		
			D60617	80.04	81	0.96	0.0005	AGAT_FAICP		
			D60619	81	82	1	0.0005	AGAT_FAICP		
88.60	88.92	(QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated	D60628	88.6	88.92	0.32	0.001	AGAT_FAICP		
		coarse-grained quartzofeldspathic wallrock melt with patchy biotite-garnet and sharp irregular melt contacts; patchy muscovite also present								
88.92	97.07	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D60629	88.92	90	1.08	0.002	AGAT_FAICP		
		dark grey medium to coarse-grained weak to moderately foliated quartz-feldspar-biotite unit with abundant disseminated almandine garnet porphyroblasts; intermittent quartz-feldspar melt bands with sharp contacts and crosscutting vein generations; weak to moderate potassic and sericitic alteration envelopes on crosscutting quartz-carbonate veinlets; irregular upper contact with melt patch so no accurate alpha beta measure	D60630	90	91.29	1.29	0.0005	AGAT_FAICP		
			D60631	91.29	91.67	0.38	0.022	AGAT_FAICP		
			D60633	91.67	93	1.33	0.001	AGAT_FAICP		
			D60634	93	93.67	0.67	0.0005	AGAT_FAICP		
			D60635	93.67	94.15	0.48	0.0005	AGAT_FAICP		
			D60636	94.15	95.44	1.29	0.0005	AGAT_FAICP		
			D60637	95.44	96	0.56	0.001	AGAT_FAICP		
			D60639	96	97.07	1.07	0.0005	AGAT_FAICP		
97.07	97.65	(QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated	D60640	97.07	97.65	0.58	0.0005	AGAT_FAICP		
		coarse to very coarse-grained quartzofeldspathic pegmatitic melt with clusters of coarse stubby magnetite; inner core of pegmatite contains drag folding of garnet-rich FGS with laminated quartz-serpentinite banding in inner quartz vein; could simply indicate movement within melt when temperatures were low enough to bring a small amount of resistance								
97.65	103.36	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D60641	97.65	99	1.35	0.0005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		medium to coarse-grained quartz-feldspar-biotite unit with fine to medium-grained disseminated almandine garnet throughout; patchy banded to lens-shaped reheating evidenced by silicification and patchy to blotchy quartzofeldspathic melting; intensive alteration towards lower contact in combination with patchy silicification a result of deformation shown by intrusive lamprophyre dykelet at lower contact	D60642	99	100	1	0.0005	AGAT_FAICP		
			D60643	100	101	1	0.0005	AGAT_FAICP		
			D60644	101	102.3	1.3	0.001	AGAT_FAICP		
			D60645	102.3	103.36	1.06	0.004	AGAT_FAICP		
103.36	104.81	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D60647	103.36	104.81	1.45	0.002	AGAT_FAICP		massive dark grey and green carbonate-phenocrystic lamprophyre dykelet with extensive outreach of chloritic and sericitic alteration envelope as well as weak to moderate evidence of fault movement evidenced by slickenlines on fracture planes and broken core
104.81	106.97	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D60648	104.81	106	1.19	0.001	AGAT_FAICP		coarse-grained dark grey quartz-feldspar-biotite unit with disseminated almandine garnet porphyroblasts; grain coarsening associated with patchy intermittent melting at low temperatures and greenish hue to upper section of unit from outreach of chloritic veinlets and alteration envelope on upper lamprophyre dykelet
			D60649	106	106.97	0.97	0.001	AGAT_FAICP		
106.97	107.68	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D60650	106.97	107.68	0.71	0.001	AGAT_FAICP		coarse to very coarse-grained grey black and pink granitic pegmatitic quartzofeldspathic melt with sharp irregular deformed lower contact and sharp conformable upper contact; patchy clusters of biotite-rich wallrock incorporated along with minor patchy to disseminated pyrite
107.68	120.70	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D60651	107.68	108.4	0.72	0.0005	AGAT_FAICP		dark grey quartz-feldspar-biotite unit with disseminated almandine garnet porphyroblasts and localized grey quartz veins; intermittent quartzofeldspathic melt bands and potassic-sericitic alteration envelopes on crosscutting quartz-carbonate veinlets; patchy grain coarsening and silicification; broken core and increased fracturing towards lower contact with LAMP dykelet; no orientation on upper granitic pegmatite contact due to irregular melt
			D60653	108.4	108.84	0.44	0.0005	AGAT_FAICP		
			D60654	108.84	110	1.16	0.001	AGAT_FAICP		
			D60655	110	111.4	1.4	0.001	AGAT_FAICP		
			D60656	111.4	112	0.6	0.001	AGAT_FAICP		
			D60657	112	113.48	1.48	0.001	AGAT_FAICP		
			D60665	120.17	120.7	0.53	0.001	AGAT_FAICP		
			D60659	113.48	114	0.52	0.001	AGAT_FAICP		
			D60660	114	115.5	1.5	0.0005	AGAT_FAICP		
			D60661	115.5	117	1.5	0.002	AGAT_FAICP		
			D60662	117	118	1	0.008	AGAT_FAICP		
			D60663	118	119	1	0.001	AGAT_FAICP		
			D60664	119	120.17	1.17	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
120.70	121.13	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke small grey and black massive carbonate-phenocrystic lamprophyre dykelet with strong seaweed-green chloritized and sericitized contacts; core breakup and grind at upper contact so no orientation possible	D60667	120.7	121.13	0.43	0.001	AGAT_FAICP		
121.13	132.36	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone weakly foliated medium to coarse-grained quartz-feldspar-biotite unit with disseminated almandine garnet porphyroblasts; quartzofeldspathic melt bands and intermittent quartz-carbonate veinlets with potassic and sericitic alteration haloes; sporadic subrounded quartz pods throughout unit	D60668	121.13	122	0.87	0.0005	AGAT_FAICP		
			D60669	122	123.5	1.5	0.001	AGAT_FAICP		
			D60670	123.5	125	1.5	0.0005	AGAT_FAICP		
			D60671	125	126.5	1.5	0.015	AGAT_FAICP		
			D60673	126.5	128	1.5	0.016	AGAT_FAICP		
			D60674	128	129.5	1.5	0.0005	AGAT_FAICP		
			D60675	129.5	131	1.5	0.001	AGAT_FAICP		
			D60676	131	132.36	1.36	0.002	AGAT_FAICP		
132.36	133.00	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) bright pink very coarse-grained intrusive syneogranite pegmatite with sharp contacts	D60677	132.36	133	0.64	0.003	AGAT_FAICP		
133.00	138.50	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone medium-grained dark grey massive equigranular quartz-feldspar-biotite unit with minor disseminated almandine garnet porphyroblasts; intense potassic and sericitic alteration envelopes on crosscutting quartz-carbonate veinlets and intermittent quartzofeldspathic melt bands coursing throughout unit; interval ends in strongly broken up core at fault breccia zone with lamprophyre contact	D60679	133	133.9	0.9	0.01	AGAT_FAICP		
			D60680	133.9	134.4	0.5	0.001	AGAT_FAICP		
			D60681	134.4	135.3	0.9	0.002	AGAT_FAICP		
			D60682	135.3	136	0.7	0.001	AGAT_FAICP		
			D60683	136	137	1	0.002	AGAT_FAICP		
			D60684	137	138.5	1.5	0.001	AGAT_FAICP		
138.50	138.82	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke fine to coarse-grained grey and green carbonate-phenocrystic massive lamprophyre dykelet with sharp chloritized and sericitized contacts exploiting plane of weakness within fault zone	D60685	138.5	138.82	0.32	0.003	AGAT_FAICP		
138.82	139.33	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) coarse-grained reddish syenogranitic pegmatite with sharp contacts and equigranular groundmass of quartz and feldspar	D60687	138.82	139.33	0.51	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
139.33	139.96	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke dark grey and green massive lamprophyre dykelet with sharp sericitized and chloritized contacts; carbonate phenocrystic	D60688	139.33	139.96	0.63	0.003	AGAT_FAICP		
139.96	141.00	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) coarse-grained equigranular intrusive pegmatite composed of quartz and feldspar with irregular deformed lower contact in fault zone and sharp upper contact with lamprophyre dykelet	D60689	139.96	141	1.04	0.001	AGAT_FAICP		
141.00	148.64	(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, (FGSGB) Variable BI + garnets below the gold zone medium-grained altered quartz-feldspar-biotite unit with strongly silicified sections and sections with disseminated almandine garnet porphyroblasts; strong sericitic and potassic alteration on crosscutting quartz-carbonate veinlets; altered granitic pegmatite represents lower section of unit below 147 metres depth	D60690	141	142.5	1.5	0.002	AGAT_FAICP		
			D60691	142.5	144	1.5	0.002	AGAT_FAICP		
			D60693	144	145	1	0.004	AGAT_FAICP		
			D60694	145	146	1	0.006	AGAT_FAICP		
			D60695	146	147.3	1.3	0.007	AGAT_FAICP		
			D60696	147.3	148.64	1.34	0.003	AGAT_FAICP		
148.64	150.28	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke very fine to fine-grained massive grey and green lamprophyre dyke with sericitized and chloritized upper contact; both contacts are knife sharp and unit is carbonate-phenocrystic	D60697	148.64	149.7	1.06	0.002	AGAT_FAICP		
			D60699	149.7	150.28	0.58	0.002	AGAT_FAICP		
150.28	152.43	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) very coarse-grained pink and grey intrusive syenogranitic pegmatite with sharp contacts and equigranular to blotchy groundmass of quartz and feldspar; occasional patches of clustered biotite grains	D60700	150.28	151	0.72	0.002	AGAT_FAICP		
			D60701	151	152.43	1.43	0.003	AGAT_FAICP		
152.43	161.75	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone medium to coarse-grained dark grey siliceous quartz-feldspar-biotite unit with disseminated almandine garnet porphyroblasts; abundant crosscutting quartz-carbonate stringers with potassic and sericitic alteration envelopes; coarse calcite vug at 158.83 metres depth; intermittent smokey grey quartz pods and veinlets throughout unit	D60702	152.43	153.55	1.12	0.005	AGAT_FAICP		
			D60703	153.55	154.11	0.56	0.003	AGAT_FAICP		
			D60704	154.11	155	0.89	0.006	AGAT_FAICP		
			D60705	155	156	1	0.001	AGAT_FAICP		
			D60714	159.3	159.65	0.35	0.0005	AGAT_FAICP		
			D60715	159.65	160.07	0.42	0.004	AGAT_FAICP		
			D60716	160.07	160.52	0.45	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D60717	160.52	161	0.48	0.003	AGAT_FAICP		
			D60719	161	161.75	0.75	0.003	AGAT_FAICP		
			D60707	156	157	1	0.001	AGAT_FAICP		
			D60708	157	157.45	0.45	0.002	AGAT_FAICP		
			D60709	157.45	158	0.55	0.0005	AGAT_FAICP		
			D60710	158	158.4	0.4	0.0005	AGAT_FAICP		
			D60711	158.4	159	0.6	0.001	AGAT_FAICP		
			D60713	159	159.3	0.3	0.001	AGAT_FAICP		
161.75	163.65	(GBFG, QV) Garnet Biotite Felsic Gneiss, Quartz Vein, ()	D60720	161.75	162.3	0.55	0.008	AGAT_FAICP		
		grey melted and folded quartz-feldspar-biotite unit with sporadic disseminated almandine garnet porphyroblasts; wavy folds gently course back and forth across core and an increase in disseminated pyrite has occurred; cloudy quartzofeldspathic melt bands and smokey grey silicification; beta unreliable due to high alpha angle	D60721	162.3	162.7	0.4	0.003	AGAT_FAICP		
			D60722	162.7	163	0.3	0.005	AGAT_FAICP		
			D60723	163	163.65	0.65	0.005	AGAT_FAICP		
163.65	165.16	(GBFG) Garnet Biotite Felsic Gneiss, ()	D60724	163.65	164.3	0.65	0.003	AGAT_FAICP		
		fine to medium-grained foliated dark grey silicified unit; quartz-feldspar-biotite with disseminated almandine garnet porphyroblasts; smokey grey quartz veinlets and weak sericitic alteration haloes on crosscutting hairline quartz-carbonate veinlets	D60725	164.3	164.7	0.4	0.002	AGAT_FAICP		
			D60727	164.7	165.16	0.46	0.003	AGAT_FAICP		
165.16	165.89	(QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated	D60728	165.16	165.89	0.73	0.003	AGAT_FAICP		
		grey altered quartz-rich melt with sections of massive grey quartz and areas of incorporated wallrock bands; minor Py in wallrock section; no alpha beta due to irregular deformed upper contact								
165.89	182.76	(GBFG) Garnet Biotite Felsic Gneiss, ()	D60729	165.89	166.3	0.41	0.002	AGAT_FAICP		
		silica flooded dark to light grey quartz-feldspar-biotite unit with varying proportions of almandine garnet porphyroblasts and areas of high strain described in point structures tab; intermittent smokey grey quartz veins and sigmoidal quartz pods as well as sections of lighter grey wallrock melting; wallrock melting is quartz rich and contains patchy to disseminated sulphides; foliation converges numerous times due to abundant folding throughout unit; some folds are tight while others are gentle to open; quartz-carbonate veinlets occur throughout unit with potassic and sericitic alteration envelopes; silica flooding dissipates after 172.8 metres depth	D60730	166.3	167	0.7	0.001	AGAT_FAICP		
			D60731	167	168	1	0.002	AGAT_FAICP		
			D60733	168	169	1	0.002	AGAT_FAICP		
			D60734	169	169.6	0.6	0.003	AGAT_FAICP		
			D60735	169.6	170	0.4	0.002	AGAT_FAICP		
			D60750	180.5	182	1.5	0.004	AGAT_FAICP		
			D60751	182	182.76	0.76	0.007	AGAT_FAICP		
			D60743	174.4	175	0.6	0.005	AGAT_FAICP		
			D60744	175	176	1	0.004	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D60745	176	176.61	0.61	0.002	AGAT_FAICP		
			D60747	176.61	178	1.39	0.004	AGAT_FAICP		
			D60748	178	179	1	0.001	AGAT_FAICP		
			D60749	179	180.5	1.5	0.004	AGAT_FAICP		
			D60736	170	170.53	0.53	0.006	AGAT_FAICP		
			D60737	170.53	171	0.47	0.038	AGAT_FAICP		
			D60739	171	172	1	0.005	AGAT_FAICP		
			D60740	172	173	1	0.004	AGAT_FAICP		
			D60741	173	174	1	0.001	AGAT_FAICP		
			D60742	174	174.4	0.4	0.002	AGAT_FAICP		
182.76	183.61	(UMD) UMLAMP Dikey, (LAMPD) UMD - Lamprophyre Dyke	D60753	182.76	183.61	0.85	0.001	AGAT_FAICP		
		massive black fine-grained carbonate-phenocrystic lamprophyre dyke with multiple pulses distinguishable and knife-sharp contacts								
183.61	191.61	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D60754	183.61	184.56	0.95	0.006	AGAT_FAICP		
		medium to coarse-grained grey quartz-feldspar-biotite unit with disseminated almandine garnet porphyroblasts and intermittent quartzofeldspathic melt and patches and bands; some dark grey smokey quartz veins present throughout unit; pink and grey coarse quartzofeldspathic melt from 184.1 to 184.52 metres depth; thin lamprophyre dykelet from 185.2 to 185.27 metres depth	D60755	184.56	186	1.44	0.0005	AGAT_FAICP		
			D60756	186	187	1	0.0005	AGAT_FAICP		
			D60757	187	187.8	0.8	0.0005	AGAT_FAICP		
			D60759	187.8	189	1.2	0.0005	AGAT_FAICP		
			D60760	189	189.47	0.47	0.002	AGAT_FAICP		
			D60761	189.47	190.6	1.13	0.0005	AGAT_FAICP		
			D60762	190.6	191.61	1.01	0.0005	AGAT_FAICP		
191.61	191.93	(UMD) UMLAMP Dikey, (LAMPD) UMD - Lamprophyre Dyke	D60763	191.61	191.93	0.32	0.001	AGAT_FAICP		
		very fine to fine-grained dark grey massive carbonate-phenocrystic lamprophyre dyke; green and beige intense sericitized and chloritized contacts with associated red potassic alteration on other end of contacts								
191.93	214.84	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D60764	191.93	193	1.07	0.002	AGAT_FAICP		
		dark grey medium to coarse-grained quartz-feldspar-biotite unit with disseminated almandine garnet porphyroblasts and minor flecks of fine-grained muscovite; abundant intensive potassic and sericitic alteration as vein envelopes on crosscutting quartz carbonate veinlets throughout unit; intermittent quartz veins; core unoriented at upper contact but filled in youngest contact info anyways	D60765	193	194.5	1.5	0.0005	AGAT_FAICP		
			D60767	194.5	195.3	0.8	0.0005	AGAT_FAICP		
			D60768	195.3	196	0.7	0.0005	AGAT_FAICP		
			D60769	196	197.5	1.5	0.0005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D60770	197.5	199	1.5	0.001	AGAT_FAICP		
			D60785	213.5	214.84	1.34	0.001	AGAT_FAICP		
			D60779	206	207	1	0.002	AGAT_FAICP		
			D60780	207	208.5	1.5	0.002	AGAT_FAICP		
			D60781	208.5	210	1.5	0.002	AGAT_FAICP		
			D60782	210	211	1	0.002	AGAT_FAICP		
			D60783	211	212	1	0.002	AGAT_FAICP		
			D60784	212	213.5	1.5	0.002	AGAT_FAICP		
			D60771	199	200.5	1.5	0.0005	AGAT_FAICP		
			D60773	200.5	202	1.5	0.0005	AGAT_FAICP		
			D60774	202	203	1	0.0005	AGAT_FAICP		
			D60775	203	204	1	0.019	AGAT_FAICP		
			D60776	204	205.48	1.48	0.003	AGAT_FAICP		
			D60777	205.48	206	0.52	0.011	AGAT_FAICP		
214.84	215.45	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D60787	214.84	215.45	0.61	0.0005	AGAT_FAICP		
		coarse to very coarse-grained red syenitic pegmatite with equigranular matrix of opaque red feldspars and minor interstitial grey quartz; sharp contacts with potassic staining that reaches out into wallrock								
215.45	222.47	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D60788	215.45	216.5	1.05	0.001	AGAT_FAICP		
		medium to coarse-grained garnet-bearing quartz-feldspar-biotite unit with much lower garnet abundance than in earlier intervals; sericitic and potassic vein envelopes band parts of the unit around quartz-carbonate veinlets; localized massive grey quartz veins and partially melted lower contact along lamprophyre dyke differentiated by speckled white leucosomatic melt in proximity to dyke; smaller lamprophyre dykelet from 218.62 to 218.68 metres depth	D60789	216.5	218	1.5	0.002	AGAT_FAICP		
			D60790	218	219.5	1.5	0.003	AGAT_FAICP		
			D60791	219.5	221	1.5	0.001	AGAT_FAICP		
			D60793	221	222.47	1.47	0.001	AGAT_FAICP		
222.47	223.08	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D60794	222.47	223.08	0.61	0.004	AGAT_FAICP		
		very fine to fine-grained massive grey and black carbonate-phenocrystic lamprophyre dyke with knife-sharp contacts								
223.08	235.42	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D60795	223.08	223.95	0.87	0.002	AGAT_FAICP		
		grey medium-grained garnet-bearing quartz-feldspar-mica unit with dominant biotite and minor muscovite throughout; garnet abundance very low; abundant patchy to banded potassic and sericitic alteration as quartz-carbonate vein haloes; sections of unit show	D60796	223.95	225	1.05	0.002	AGAT_FAICP		
			D60797	225	226.5	1.5	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
evidence of low-temp melting as increased silicification and grain size; numerous lamprophyre dykelets too small to break out but at the following depths; 223.45 to 223.52 m depth; 223.56 to 223.63 m depth; 223.77 to 223.95 m depth; 227.03 to 227.05 m depth; 227.09 to 227.21 m depth			D60799	226.5	228	1.5	0.003	AGAT_FAICP		
			D60800	228	229	1	0.005	AGAT_FAICP		
			D60801	229	230	1	0.002	AGAT_FAICP		
			D60802	230	231	1	0.001	AGAT_FAICP		
			D60803	231	232	1	0.001	AGAT_FAICP		
			D60804	232	233.5	1.5	0.001	AGAT_FAICP		
			D60805	233.5	235	1.5	0.001	AGAT_FAICP		
			D60807	235	235.42	0.42	0.002	AGAT_FAICP		
235.42	236.11	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D60808	235.42	236.11	0.69	0.002	AGAT_FAICP		
very fine to fine-grained massive carbonate-phenocrystic grey and black lamprophyre dyke with knife-sharp contacts hosting beige and green sericitic and chloritic alteration haloes										
236.11	237.55	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D60809	236.11	237.55	1.44	0.002	AGAT_FAICP		
grey medium-grained almandine garnet-bearing quartz-feldspar-mica unit with dominant biotite and lesser muscovite; coarse patches of quartz melt and potassic-sericitic alteration haloes on crosscutting quartz-carbonate veinlets										
237.55	238.90	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D60810	237.55	238.3	0.75	0.002	AGAT_FAICP		
brownish-altered grey massive carbonate-phenocrystic lamprophyre dyke with knife-sharp contacts showing no characteristic alteration										
238.90	244.15	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D60813	238.9	240	1.1	0.002	AGAT_FAICP		
			D60814	240	241	1	0.002	AGAT_FAICP		
			D60815	241	242	1	0.001	AGAT_FAICP		
			D60816	242	243	1	0.002	AGAT_FAICP		
			D60817	243	244.15	1.15	0.003	AGAT_FAICP		
mid to light grey quartz-feldspar-biotite unit with pervasive and intense potassic and sericitic alteration on crosscutting quartz carbonate veinlets; alteration intensity increases at 242 m depth; white massive quartz fracture infill and light grey massive quartz veins overprinted by bright red speckled potassic alteration										
244.15	244.88	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D60819	244.15	244.88	0.73	0.005	AGAT_FAICP		
very fine to fine-grained massive beige sericitized lamprophyre dyke; sharp contacts										
244.88	245.70	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D60820	244.88	245.7	0.82	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		very coarse-grained bright red syenitic pegmatite with minor interstitial quartz; cm-scale red feldspars and rampant potassic alteration; sharp contacts								
245.70	250.53	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D60821	245.7	247	1.3	0.002	AGAT_FAICP		
		fine to medium-grained dark grey almandine garnet-porphyroblastic quartz-feldspar-biotite unit; minor muscovite also present; potassic alteration weakens at 246.8 metres depth and only occasional potassic-sericitic haloes appear from this point down; sporadic light grey barren quartz veins apparent	D60822	247	248	1	0.005	AGAT_FAICP		
			D60823	248	249	1	0.001	AGAT_FAICP		
			D60824	249	250	1	0.0005	AGAT_FAICP		
			D60825	250	250.53	0.53	0.003	AGAT_FAICP		
250.53	251.67	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D60827	250.53	251.67	1.14	0.002	AGAT_FAICP		
		very coarse-grained pink and grey pegmatite composed of cm-scale feldspars floating in a quartzose groundmass; sharp intrusive and irregular contacts; patchy areas of small garnets and biotite								
251.67	267.45	(GBFG) Garnet Biotite Felsic Gneiss, ()	D60828	251.67	252.6	0.93	0.004	AGAT_FAICP		
		dark grey and black quartz-feldspar-biotite unit with increase in disseminated almandine porphyroblast abundance; intermittent quartzofeldspathic melt patches with diffuse contacts as well as light grey quartz veins with varying amounts of wallrock assimilation; some tightly folded quartz veins broken out in veining tab; sporadic quartz-carbonate veinlets with potassic and sericitic alteration haloes; general alpha given for overall trend of unit but undulating wavy contact prevents accurate measurement	D60829	252.6	253.3	0.7	0.002	AGAT_FAICP		
			D60830	253.3	253.85	0.55	0.002	AGAT_FAICP		
			D60831	253.85	254.15	0.3	0.002	AGAT_FAICP		
			D60833	254.15	254.95	0.8	0.002	AGAT_FAICP		
			D60834	254.95	256.2	1.25	0.003	AGAT_FAICP		
			D60849	266	267.45	1.45	0.017	AGAT_FAICP		
			D60842	261.46	262	0.54	0.004	AGAT_FAICP		
			D60843	262	263	1	0.003	AGAT_FAICP		
			D60844	263	263.83	0.83	0.001	AGAT_FAICP		
			D60845	263.83	264.2	0.37	0.009	AGAT_FAICP		
			D60847	264.2	265	0.8	0.029	AGAT_FAICP		
			D60848	265	266	1	0.082	AGAT_FAICP		
			D60835	256.2	256.61	0.41	0.003	AGAT_FAICP		
			D60836	256.61	258	1.39	0.003	AGAT_FAICP		
		D60837	258	259.23	1.23	0.002	AGAT_FAICP			
		D60839	259.23	259.79	0.56	0.002	AGAT_FAICP			
		D60840	259.79	261	1.21	0.007	AGAT_FAICP			
		D60841	261	261.46	0.46	0.002	AGAT_FAICP			

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
267.45	268.12	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke massive carbonate-phenocrystic grey and green massive lamprophyre dyke with sharp sericitized and chloritized contacts	D60850	267.45	268.12	0.67	0.002	AGAT_FAICP		
268.12	271.26	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone moderately-silicified coarse-grained quartz-feldspar-biotite unit with moderate foliation and disseminated almandine garnet porphyroblasts; patchy potassic and sericitic alteration haloes on crosscutting quartz-carbonate veinlets	D60851 D60853 D60854	268.12 269 270.5	269 270.5 271.26	0.88 1.5 0.76	0.003 0.003 0.003	AGAT_FAICP AGAT_FAICP AGAT_FAICP		
271.26	271.62	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke very fine to fine-grained grey and green lamprophyre dyke with massive appearance and thick sericitized-chloritized contacts; sharp contacts	D60855	271.26	271.62	0.36	0.001	AGAT_FAICP		
271.62	278.70	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone coarse-grained dark grey moderately to strongly-foliated quartz-feldspar-biotite unit with disseminated garnet porphyroblasts; patchy to banded quartzofeldspathic melt in places and occasional potassic-sericitic alteration haloes	D60856 D60857 D60859 D60860 D60861 D60862 D60863	271.62 272.22 273.5 275 276 276.9 277.2	272.22 273.5 275 276 276.9 277.2 278.7	0.6 1.28 1.5 1 0.9 0.3 1.5	0.004 0.001 0.005 0.007 0.002 0.003 0.002	AGAT_FAICP AGAT_FAICP AGAT_FAICP AGAT_FAICP AGAT_FAICP AGAT_FAICP AGAT_FAICP		
278.70	281.29	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz) very coarse-grained pink and grey quartzofeldspathic pegmatitic melt composed of blocky feldspars and interstitial quartz broken up by incorporated partly resorbed fragments and bands of biotite-rich wallrock	D60864 D60865	278.7 280	280 281.29	1.3 1.29	0.002 0.002	AGAT_FAICP AGAT_FAICP		
281.29	286.44	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone medium to coarse-grained dark grey almandine-garnet porphyroblastic quartz-feldspar-biotite unit with intermittent dark grey quartz veins and potassic-sericitic alteration envelopes on crosscutting quartz-carbonate veinlets	D60867 D60868 D60869 D60870 D60871 D60873 D60874	281.29 282 283 283.57 284.54 285.22 285.7	282 283 283.57 284.54 285.22 285.7 286	0.71 1 0.57 0.97 0.68 0.48 0.3	0.002 0.004 0.004 0.004 0.003 0.002 0.013	AGAT_FAICP AGAT_FAICP AGAT_FAICP AGAT_FAICP AGAT_FAICP AGAT_FAICP AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D60875	286	286.44	0.44	0.005	AGAT_FAICP		
286.44	291.25	(UMD, FGS) UMLAMP Dike, Felsic Gneiss Sedimentary, (LAMPD) UMD - Lamprophyre Dyke	D60876	286.44	287	0.56	0.003	AGAT_FAICP		
		numerous crosscutting sericitized light beige massive altered lamprophyre dykes broken by sections of FGS with intense potassic and sericitic overprinting; FGS unit nearly unrecognizable if not for familiar alteration and dykes largely altered as well; upper contact is alteration based so no angle of orientation	D60877	287	288.29	1.29	0.003	AGAT_FAICP		
			D60879	288.29	289	0.71	0.004	AGAT_FAICP		
			D60880	289	290	1	0.004	AGAT_FAICP		
			D60881	290	290.95	0.95	0.012	AGAT_FAICP		
			D60882	290.95	291.25	0.3	0.002	AGAT_FAICP		
291.25	294.67	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D60883	291.25	292.4	1.15	0.004	AGAT_FAICP		
		fine to medium-grained grey quartz-feldspar-biotite unit with disseminated almandine garnet porphyroblasts; high amount of fractures and patches of potassic alteration; sporadic dark grey quartz veins and disseminated potassic alteration throughout upper half of unit	D60884	292.4	293	0.6	0.003	AGAT_FAICP		
			D60885	293	294	1	0.002	AGAT_FAICP		
			D60887	294	294.67	0.67	0.002	AGAT_FAICP		
			D60888	294.67	295.35	0.68	0.001	AGAT_FAICP		
294.67	295.35	(QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated								
		pink and grey coarse to very coarse-grained quartz-rich vein with blotchy pink and grey feldspars throughout; wavy undulating contacts; no beta direction as alpha is near perpendicular to core long axis								
295.35	300.89	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D60889	295.35	296.5	1.15	0.002	AGAT_FAICP		
		almandine garnet porphyroblast-rich quartz-feldspar-biotite unit with intermittent potassic and sericitic alteration haloes on quartz-carbonate veinlets as well as sporadic deformed quartz veins	D60890	296.5	297.5	1	0.004	AGAT_FAICP		
			D60891	297.5	298.04	0.54	0.002	AGAT_FAICP		
			D60893	298.04	299	0.96	0.002	AGAT_FAICP		
			D60894	299	299.7	0.7	0.002	AGAT_FAICP		
			D60895	299.7	300	0.3	0.002	AGAT_FAICP		
			D60896	300	300.89	0.89	0.003	AGAT_FAICP		
300.89	315.81	(GBFG) Garnet Biotite Felsic Gneiss, ()	D60897	300.89	301.2	0.31	0.002	AGAT_FAICP		
		dark grey medium to coarse-grained garnet-porphyroblastic unit composed primarily of quartz-feldspar-biotite; extensive deformed quartz veining and silica flooding along with slight kickup in sulphide abundance; zones of partial melting indicated by strange banding and leucocratic material; molybdenite seen as fracture infill on margin of pegmatitic vein; one lamprophyre dyke too small to break out from 307.21 to 307.42 m depth with an alpha beta of 60-320; partial melt zones are from 311.22 to 311.65 m and from 312.22 to 312.55 m; no measurement associated with upper contact as mark was placed based on alteration	D60899	301.2	301.6	0.4	0.005	AGAT_FAICP		
			D60900	301.6	302	0.4	0.003	AGAT_FAICP		
			D60901	302	302.4	0.4	0.005	AGAT_FAICP		
			D60902	302.4	302.71	0.31	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
differences			D60903	302.71	303.4	0.69	0.005	AGAT_FAICP		
			D60925	315	315.81	0.81	0.004	AGAT_FAICP		
			D60919	311.22	311.65	0.43	0.002	AGAT_FAICP		
			D60920	311.65	312.55	0.9	0.002	AGAT_FAICP		
			D60921	312.55	313	0.45	0.005	AGAT_FAICP		
			D60922	313	313.3	0.3	0.004	AGAT_FAICP		
			D60923	313.3	313.85	0.55	0.002	AGAT_FAICP		
			D60924	313.85	315	1.15	0.002	AGAT_FAICP		
			D60911	307.14	307.44	0.3	0.002	AGAT_FAICP		
			D60913	307.44	308	0.56	0.003	AGAT_FAICP		
			D60914	308	308.86	0.86	0.003	AGAT_FAICP		
			D60915	308.86	309.3	0.44	0.003	AGAT_FAICP		
			D60916	309.3	310	0.7	0.002	AGAT_FAICP		
			D60917	310	311.22	1.22	0.003	AGAT_FAICP		
			D60904	303.4	304	0.6	0.002	AGAT_FAICP		
			D60905	304	304.8	0.8	0.002	AGAT_FAICP		
			D60907	304.8	305.2	0.4	0.003	AGAT_FAICP		
			D60908	305.2	305.8	0.6	0.002	AGAT_FAICP		
			D60909	305.8	306.2	0.4	0.001	AGAT_FAICP		
			D60910	306.2	307.14	0.94	0.002	AGAT_FAICP		
315.81	334.92	(FGS, DIA) Felsic Gneiss Sedimentary, Diabase Dike, (FGSGB) Variable BI + garnets below the gold zone	D60927	315.81	316.46	0.65	0.003	AGAT_FAICP		
			D60928	316.46	316.88	0.42	0.002	AGAT_FAICP		
			D60929	316.88	318	1.12	0.004	AGAT_FAICP		
			D60930	318	319	1	0.004	AGAT_FAICP		
			D60931	319	320	1	0.004	AGAT_FAICP		
			D60933	320	321.4	1.4	0.004	AGAT_FAICP		
			D60948	330	331	1	0.002	AGAT_FAICP		
			D60949	331	331.7	0.7	0.001	AGAT_FAICP		
			D60950	331.7	333	1.3	0.007	AGAT_FAICP		
			D60951	333	334	1	0.0005	AGAT_FAICP		
			D60953	334	334.92	0.92	0.001	AGAT_FAICP		
			D60941	324.7	326	1.3	0.004	AGAT_FAICP		
			D60942	326	326.3	0.3	0.005	AGAT_FAICP		
			D60943	326.3	326.6	0.3	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D60944	326.6	327.6	1	0.003	AGAT_FAICP		
			D60945	327.6	329	1.4	0.003	AGAT_FAICP		
			D60947	329	330	1	0.002	AGAT_FAICP		
			D60934	321.4	322.5	1.1	0.002	AGAT_FAICP		
			D60935	322.5	322.86	0.36	0.002	AGAT_FAICP		
			D60936	322.86	323.3	0.44	0.002	AGAT_FAICP		
			D60937	323.3	323.6	0.3	0.002	AGAT_FAICP		
			D60939	323.6	324	0.4	0.002	AGAT_FAICP		
			D60940	324	324.7	0.7	0.002	AGAT_FAICP		
334.92	336.52	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D60954	334.92	336	1.08	0.0005	AGAT_FAICP		
		bright reddish pink and grey quartz-rich granitic pegmatite with poikiloblastic texture defined by coarse stubby subhedral pinkish red feldspars floating in quartz groundmass; subrounded feldspars and slight wallrock mingling at lower contact	D60955	336	336.52	0.52	0.0005	AGAT_FAICP		
336.52	340.03	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D60956	336.52	338	1.48	0.002	AGAT_FAICP		
		fine to medium-grained biotite-rich FGS with disseminated almandine garnet porphyroblasts; massive to weakly foliated with intermittent quartz veins and sericitic-potassic alteration on quartz-carbonate veinlets; diffuse lower melt contact with strong increase in quartz veining likely reheated by intrusive granitic pegmatite below	D60957	338	339	1	0.001	AGAT_FAICP		
			D60959	339	340.03	1.03	0.002	AGAT_FAICP		
340.03	341.07	(QV, GBFG) Quartz Vein, Garnet Biotite Felsic Gneiss, (QZVT1) Quartz flooding +/- AM, PY, PO, etc	D60960	340.03	341.07	1.04	0.002	AGAT_FAICP		
		coarse-grained dark grey silica flooding in remnant broken up GBFG wallrock; undulating and deformed quartzofeldspathic vein material and sporadic patchy almandine garnet throughout unit								
341.07	342.64	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D60961	341.07	342	0.93	0.003	AGAT_FAICP		
		very coarse-grained pink and grey intrusive granitic pegmatite defined by cm-scale massive alkali feldspar grains and minor interstitial quartz; sharp undulating contacts with surrounding units	D60962	342	342.64	0.64	0.0005	AGAT_FAICP		
342.64	343.34	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D60963	342.64	343.34	0.7	0.002	AGAT_FAICP		
		mid-grey quartz-feldspar-biotite unit with disseminated almandine garnet porphyroblasts and								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments								
intermittent potassic alteration haloes on crosscutting quartz-carbonate veinlets																		
343.34	343.82	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D60964	343.34	343.82	0.48	0.0005	AGAT_FAICP										
coarse to very coarse-grained pink and grey intrusive granitic pegmatite defined by coarse to very coarse pink feldspars separated by interstitial quartz																		
343.82	348.22	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D60965	343.82	345	1.18	0.002	AGAT_FAICP										
medium to coarse-grained dark grey almandine garnet-porphyroblastic unit with intermittent grey quartz veins and lenses; weak sericitic alteration haloes on crosscutting quartz-carbonate veinlets																		
											D60967	345	345.85	0.85	0.001	AGAT_FAICP		
											D60968	345.85	346.15	0.3	0.002	AGAT_FAICP		
											D60969	346.15	347	0.85	0.002	AGAT_FAICP		
D60970	347	348.22	1.22	0.001	AGAT_FAICP													
348.22	348.77	(QV, FGS) Quartz Vein, Felsic Gneiss Sedimentary, (QZV) Quartz Vein Undifferentiated	D60971	348.22	348.77	0.55	0.002	AGAT_FAICP										
fine-grained grey quartz vein melt separated by incorporated bands and fragments of reheated FGS wallrock; three seaweed-green bands that may be small lamprophyre dykelets or chlorite-sericite alteration; bits of pinkish feldspar with small bits of white leucosome forming																		
348.77	353.49	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D60973	348.77	350	1.23	0.003	AGAT_FAICP										
dark grey medium to coarse-grained quartz-feldspar-biotite unit with disseminated almandine garnet porphyroblasts; sporadic grey quartz veins and pods; weak potassic and sericitic alteration envelopes on quartz-carbonate veinlets																		
											D60974	350	351.5	1.5	0.002	AGAT_FAICP		
											D60975	351.5	353	1.5	0.001	AGAT_FAICP		
											D60976	353	353.49	0.49	0.003	AGAT_FAICP		
353.49	354.00	(QV, AMP) Quartz Vein, Amphibolite, (QZV) Quartz Vein Undifferentiated	D60977	353.49	354	0.51	0.003	AGAT_FAICP		EOH at 354 m but DUP is last sample								
grey massive quartz melt with intermittent bands and fragments of incorporated FGS wallrock as well as small patches of feldspar; unit ends with the start of an intermediate amphibolite unit; EOH at 354 metres depth																		

Hole ID : RD19-00007

Project : Borden

Drilling Details :

Azimuth : 176
 Dip : -45
 Length : 354
 Drill Start : 4-Jun-2019
 Drill Completed : 9-Jun-2019
 Core Size : NQ
 Drill Company : Major
 Oriented Core : No

Location Details :

Easting : 343078
 Northing : 5304117
 Elevation : 430
 UTM Grid : NAD83_UTMZ17N_GPS
 Township : Gamey
 Storage Location : Chapleau Ont

Logging Details :

Logged By : Tyler.Compton
 Logged By 2 : Daniel.Rafuse
 Log Start : 9-Jun-2019
 Log Completed : 27-Jun-2019
 Re-Logged By :
 Re-Log Start :
 Re-Log Completed :

Comments :

AJ logged 303.97m-EOH. Van ruth plug at 6m. Local high concentrations of fmg dissem to patchy/agr PO with bulk of PO mineralization <1% fg dissem hosted in siliceous moderately foliated FGS's and QV/PEGs. 306-EOH depths show folded PEG units hosting no sig min but blur the S0/S1 composite fabric lclly; no significant assays returned.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	1.00	(OB) Overburden, ()								
		Overburden. Not recovered.								
1.00	20.40	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone								
		Strongly foliated GBFG displaying well preserved F1 folding; gentle to open. Characterized by siliceous groundmass hosting fine dissem biot-amp organized into cm scale bands. Minor AMP beds are common; <10cm; occ gently folded. Abundant qz veining; <5% of interval; concordant; mm to cm scale; <10cm true thickness; often folded or boudinaged. Sulfides are rare overall; but locally elevated in qz veins; Po>Cpy; hackly anhedral xls <2mm. Occasional coarse subhedral magnetite xls dissem in cm scale qz veins; <1cm xls. No evidence of faulting. Mostly unaltered save for rare segments of intense K-Ser-FeCb alteration; present in frac halos and as dm scale intervals.	D73001	1	2	1	0.005	AGAT_FAICP		
			D73002	2	3	1	0.005	AGAT_FAICP		
			D73003	3	4	1	0.009	AGAT_FAICP		
			D73004	4	5	1	0.004	AGAT_FAICP		
			D73005	5	6	1	0.003	AGAT_FAICP		
			D73007	6	6.85	0.85	0.002	AGAT_FAICP		
			D73022	15	15.7	0.7	0.005	AGAT_FAICP		
			D73023	15.7	16.3	0.6	0.075	AGAT_FAICP		
			D73024	16.3	17	0.7	0.004	AGAT_FAICP		
			D73025	17	18	1	0.004	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D73027	18	19	1	0.003	AGAT_FAICP		
			D73028	19	20.4	1.4	0.002	AGAT_FAICP		
			D73015	11.4	12	0.6	0.003	AGAT_FAICP		
			D73016	12	12.5	0.5	0.003	AGAT_FAICP		
			D73017	12.5	13.15	0.65	0.002	AGAT_FAICP		
			D73019	13.15	13.7	0.55	0.001	AGAT_FAICP		
			D73020	13.7	14.25	0.55	0.001	AGAT_FAICP		
			D73021	14.25	15	0.75	0.003	AGAT_FAICP		
			D73008	6.85	7.3	0.45	0.002	AGAT_FAICP		
			D73009	7.3	8	0.7	0.004	AGAT_FAICP		
			D73010	8	9	1	0.003	AGAT_FAICP		
			D73011	9	10	1	0.012	AGAT_FAICP		
			D73013	10	10.6	0.6	0.069	AGAT_FAICP		
			D73014	10.6	11.4	0.8	0.003	AGAT_FAICP		
20.40	20.95	(UMD) UMLAMP Dikey, (LAMPD) UMD - Lamprophyre Dyke	D73029	20.4	20.95	0.55	0.003	AGAT_FAICP		
										Sharp unaltered contacts. Characterized by aphanitic dark brown groundmass hosting amorphous globular carbonate porphs with hematitic rims. Minor dissem garnet in dyke proximal to contacts; mm scale <5mm; subhedral. Trace Py; very fine; dissem.
20.95	28.05	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D73030	20.95	22	1.05	0.004	AGAT_FAICP		
			D73031	22	22.45	0.45	0.03	AGAT_FAICP		
			D73033	22.45	22.8	0.35	0.005	AGAT_FAICP		
			D73034	22.8	23.3	0.5	0.006	AGAT_FAICP		
			D73035	23.3	24	0.7	0.004	AGAT_FAICP		
			D73036	24	25	1	0.002	AGAT_FAICP		
			D73037	25	26	1	0.005	AGAT_FAICP		
			D73039	26	27	1	0.005	AGAT_FAICP		
			D73040	27	27.35	0.35	0.003	AGAT_FAICP		
			D73041	27.35	27.75	0.4	0.002	AGAT_FAICP		
			D73042	27.75	28.09	0.34	0.017	AGAT_FAICP		
28.05	28.90	(UMD) UMLAMP Dikey, (LAMPD) UMD - Lamprophyre Dyke	D73043	28.09	28.9	0.81	0.002	AGAT_FAICP		
										Fine porph texture. Aphanitic dark brown groundmass hosts 30% fine porphs; non reactive; dolomitic? Npo vis sulfs. Weakly altered contacts.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
28.90	34.10	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone Distinguished from previous FGS by less prominent banding and overall lower amp content. Amp and biot have become fine grained; less organized; more disseminated. Occasional minor AMP beds; <5cm; planar to weakly folded. No vis sulfs. Minor alteration; restricted to narrow intervals; assoc with minor folds and frac halos; uncertain assemblage K-Ser-albite? <5% veining; mostly <1cm; concordant. Rare cm scale veins; concordant; tightly folded; S morphology (looking east). Dissem garnet throughout; loosely organized into sprawling colonies; coarse elongate subhedral xls; <1cm; red.	D73044	28.9	30	1.1	0.005	AGAT_FAICP		
			D73045	30	30.4	0.4	0.006	AGAT_FAICP		
			D73047	30.4	30.85	0.45	0.002	AGAT_FAICP		
			D73048	30.85	31.35	0.5	0.002	AGAT_FAICP		
			D73049	31.35	32	0.65	0.001	AGAT_FAICP		
			D73050	32	33	1	0.001	AGAT_FAICP		
			D73051	33	34.1	1.1	0.002	AGAT_FAICP		
34.10	35.60	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz) Mottled grey-green-pink. Very coarse biot organized into cm scale aggs; hackly; comprising cm scale euhedral xls; ~30% of interval. 30% fsp; mm to cm scale subhedral xls; minor K alt. Moderately altered overall; patchy to selective K and Ep alt. No vis sulfs.	D73053	34.1	35	0.9	0.001	AGAT_FAICP		
			D73054	35	35.6	0.6	0.003	AGAT_FAICP		
35.60	43.00	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone FGS as previous. All veining is concordant; <1cm; often boudinaged.	D73055	35.6	36.5	0.9	0.013	AGAT_FAICP		
			D73056	36.5	37.5	1	0.019	AGAT_FAICP		
			D73057	37.5	38.5	1	0.002	AGAT_FAICP		
			D73059	38.5	39	0.5	0.004	AGAT_FAICP		
			D73067	42.35	43	0.65	0.061	AGAT_FAICP		
			D73060	39	39.5	0.5	0.001	AGAT_FAICP		
			D73061	39.5	40.05	0.55	0.007	AGAT_FAICP		
			D73062	40.05	40.5	0.45	0.007	AGAT_FAICP		
			D73063	40.5	41	0.5	0.002	AGAT_FAICP		
			D73064	41	41.75	0.75	0.002	AGAT_FAICP		
			D73065	41.75	42.35	0.6	0.001	AGAT_FAICP		
43.00	43.90	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) PEG as previous. Higher fsp content. Lower biot content. No vis sulfs	D73068	43	43.9	0.9	0.008	AGAT_FAICP		
43.90	45.00	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone FGS as previous	D73069	43.9	45	1.1	0.004	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
45.00	45.50	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz) Typical PEG. No vis sulfs. More biot than prev.	D73070	45	45.5	0.5	0.003	AGAT_FAICP		
45.50	47.53	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone FGS as previous. Occasional tightly folded qz veins; hosting coarse magnetite and garnet.	D73071	45.5	46	0.5	0.002	AGAT_FAICP		
			D73073	46	46.5	0.5	0.002	AGAT_FAICP		
			D73074	46.5	47	0.5	0.002	AGAT_FAICP		
			D73075	47	47.53	0.53	0.02	AGAT_FAICP		
47.53	47.85	(QV) Quartz Vein, (QZVT2) Massive quartz vein Barren white qz vein; opq. Distinct upper contact; grades into PEG downhole. Minor coarse hackly biot clots; <2cm. Minor fsp. No vis sulfs. Minor selective K alt.	D73076	47.53	48	0.47	0.019	AGAT_FAICP		
47.85	49.25	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Comprises strongly K altered pink plag megacrysts; cm scale; <5cm. 3% coarse hackly biot clots; euhedral xls <1cm; often sericitized. Fsp xls occasionally sericitized. Trace fine Py bleds; <5mm.	D73077	48	48.7	0.7	0.004	AGAT_FAICP		
			D73079	48.7	49.25	0.55	0.002	AGAT_FAICP		
49.25	72.70	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone Characterized by mm scale elongate QZE; varying 5-20%; and preponderance of coarse dissem magnetite. Weak banding imparted by partial melting. Compositionally similar to previous FGS. Strongly foliated; QZE aligned with fol. Overall weakly altered; K-Ser mostly present as strong halos surrounding veins/fracs. Overall ~5% veining; mostly "melt" patches comprising qz with significant disseminated coarse garnet and magnetite; apparently foliation concordant and often tightly folded; occasionally nebulous and discordant. Magnetite appears restricted to veins/melts; typically subhedral; coarse <1cm. No vis sulfs.	D73080	49.25	50	0.75	0.0005	AGAT_FAICP		
			D73081	50	50.7	0.7	0.002	AGAT_FAICP		
			D73082	50.7	51.5	0.8	0.003	AGAT_FAICP		
			D73083	51.5	52	0.5	0.002	AGAT_FAICP		
			D73084	52	53	1	0.003	AGAT_FAICP		
			D73085	53	53.5	0.5	0.002	AGAT_FAICP		
			D73115	71	72	1	0.002	AGAT_FAICP		
			D73116	72	72.7	0.7	0.002	AGAT_FAICP		
			D73108	66	67	1	0.01	AGAT_FAICP		
			D73109	67	68	1	0.004	AGAT_FAICP		
			D73110	68	69	1	0.002	AGAT_FAICP		
			D73111	69	69.5	0.5	0.005	AGAT_FAICP		
			D73113	69.5	70	0.5	0.003	AGAT_FAICP		
			D73114	70	71	1	0.001	AGAT_FAICP		
			D73101	61.3	62	0.7	0.006	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D73102	62	62.9	0.9	0.002	AGAT_FAICP		
			D73103	62.9	63.5	0.6	0.003	AGAT_FAICP		
			D73104	63.5	64	0.5	0.001	AGAT_FAICP		
			D73105	64	65	1	0.002	AGAT_FAICP		
			D73107	65	66	1	0.003	AGAT_FAICP		
			D73094	57.25	57.55	0.3	0.002	AGAT_FAICP		
			D73095	57.55	58.5	0.95	0.003	AGAT_FAICP		
			D73096	58.5	59.25	0.75	0.005	AGAT_FAICP		
			D73097	59.25	60	0.75	0.003	AGAT_FAICP		
			D73099	60	60.9	0.9	0.003	AGAT_FAICP		
			D73100	60.9	61.3	0.4	0.001	AGAT_FAICP		
			D73087	53.5	54	0.5	0.001	AGAT_FAICP		
			D73088	54	54.6	0.6	0.002	AGAT_FAICP		
			D73089	54.6	55.15	0.55	0.006	AGAT_FAICP		
			D73090	55.15	56	0.85	0.003	AGAT_FAICP		
			D73091	56	56.72	0.72	0.003	AGAT_FAICP		
			D73093	56.72	57.25	0.53	0.005	AGAT_FAICP		
72.70	73.17	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D73117	72.7	73.17	0.47	0.01	AGAT_FAICP		
Mildly epidote altered PEG. Hackly biot stringers. Minor fine clotty Po; <2mm.										
73.17	73.90	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D73119	73.17	73.9	0.73	0.003	AGAT_FAICP		
Typical FGS. Minor coarse dissem garnets; anhedral; equant. 30% fine dissem biot. 3% veining; tightly folded; cm scale; <3cm. Occ frags with thin weathered FeCb fill. No signif sulfs.										
73.90	74.45	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D73120	73.9	74.45	0.55	0.003	AGAT_FAICP		
Diffuse; intercalated contacts. Fsp is strongly selectively altered; pink. No vis sulfs. Minor coarse biot clots; angular; euhedral xls.										
74.45	75.35	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D73121	74.45	75.35	0.9	0.003	AGAT_FAICP		
Fine grained biotite-rich groundmass with 15% coarse Cb porphs; <1cm; subround. 5% unidentified dark xenoliths; subround. No vis sulfs. No mag.										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
75.35	81.20	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone FGS as previous. Comprises several dm scale rubble zones; <30cm; angular cm scale frags <5cm. ~5% elongate QZE; foliation concordant. No vis sulfs	D73122	75.35	76	0.65	0.001	AGAT_FAICP		
			D73123	76	76.5	0.5	0.012	AGAT_FAICP		
			D73124	76.5	77	0.5	0.001	AGAT_FAICP		
			D73125	77	78	1	0.003	AGAT_FAICP		
			D73127	78	78.5	0.5	0.001	AGAT_FAICP		
			D73128	78.5	79.18	0.68	0.002	AGAT_FAICP		
			D73129	79.18	79.55	0.37	0.002	AGAT_FAICP		
			D73130	79.55	80	0.45	0.002	AGAT_FAICP		
			D73131	80	80.7	0.7	0.003	AGAT_FAICP		
			D73133	80.7	81.2	0.5	0.002	AGAT_FAICP		
81.20	83.00	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz) Typical PEG. 40% fsp megacrysts; <5cm; subhedral. Minor Po; clotty; frac controlled; mm scale. Occ coarse hackly biot clots; <5cm. Patchy pink K alt.	D73134	81.2	81.7	0.5	0.003	AGAT_FAICP		
			D73135	81.7	82.6	0.9	0.001	AGAT_FAICP		
			D73136	82.6	83	0.4	0.002	AGAT_FAICP		
83.00	84.88	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone FGS as previous. Trace QZE.	D73137	83	84	1	0.002	AGAT_FAICP		
			D73140	84	84.46	0.46	0.192	AGAT_FAICP		D73139 not used.
			D73141	84.46	84.88	0.42	0.004	AGAT_FAICP		
84.88	86.20	(PEG, QV) Pegmatite, Quartz Vein, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz) Comingled qz vein and PEG. Vein grades into PEG downhole. Weak to moderate patchy epidote alt throughout. 0.5% hackly clotty Po; mm scale <5mm. Minor patchy to selective pink K alt throughout.	D73142	84.88	85.45	0.57	0.006	AGAT_FAICP		
			D73143	85.45	86.2	0.75	0.005	AGAT_FAICP		
86.20	87.58	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone Fine grained massive FGS. Typical composition. Minor coarse garnet porphs. No vis sulfs. No QZE. Occ cm scale quartzose melt bands. No signif alt.	D73144	86.2	87	0.8	0.002	AGAT_FAICP		
			D73145	87	87.58	0.58	0.029	AGAT_FAICP		
87.58	88.05	(QV) Quartz Vein, (QZVT2) Massive quartz vein Granular qz vein; equigranular; mm scale xls. Weak diffuse epidote alt; pervasive. Minor fine hackly Po near margins.	D73147	87.58	88.05	0.47	0.05	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
88.05	88.58	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D73148	88.05	88.58	0.53	0.005	AGAT_FAICP		FGS exhibiting strong melt features; abundant quartzose banding and PEG. Coarse biot organized into bands; imparts coarse foliation. No vis sulfs or alteration.
88.58	92.38	(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, (FGSGB) Variable BI + garnets below the gold zone	D73149	88.58	89.12	0.54	0.002	AGAT_FAICP		Interbedded FGS and AMP. Centimeter scale AMP beds <5cm; mostly planar but with rare local deformation. No vis sulfs or alt. Overall equigranular with minor segments (<10cm) hosting fine interstitial plag; sub mm; anhedral; opaque wzy white; distinctive. No significant veining.
			D73150	89.12	90	0.88	0.003	AGAT_FAICP		
			D73151	90	91	1	0.004	AGAT_FAICP		
			D73153	91	92	1	0.003	AGAT_FAICP		
			D73154	92	92.38	0.38	0.003	AGAT_FAICP		
92.38	93.05	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D73155	92.38	93.05	0.67	0.006	AGAT_FAICP		Dark brown aphanitic groundmass hosting 20% carbonate porphs; subround; mm scale. Unaltered margins. No vis sulfs.
93.05	94.95	(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, (FGSGB) Variable BI + garnets below the gold zone	D73156	93.05	94	0.95	0.003	AGAT_FAICP		Interbedded FGS-AMP as previous. Rare cm scale S0 concordant qz veins; <2cm; barren; often folded; S fold looking east. Abundant melt bands; <5cm; foliation concordant. AMP beds are more gradational than in previous interval. Rare discordant aplitic dykelets; <5cm. Varying fold orientations are visible. No significant sulfs or alt.
			D73157	94	94.95	0.95	0.003	AGAT_FAICP		
94.95	95.40	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D73159	94.95	95.4	0.45	0.005	AGAT_FAICP		Weakly altered with diffuse pink K alt. Strongly quartzose; possible remelted qz vein. 10% coarse hackly biot clots. No vis sulfs. 30% fsp.
95.40	99.95	(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, (FGSGB) Variable BI + garnets below the gold zone	D73160	95.4	96	0.6	0.004	AGAT_FAICP		Interbedded FGS-AMP as previous. Notably less AMP. Bedding exhibits greater degree of deformation than previous. Several examples of S folded veins; <1cm limb thickness; well defined "donut" features; tightly folded.
			D73161	96	97	1	0.004	AGAT_FAICP		
			D73162	97	98	1	0.003	AGAT_FAICP		
			D73163	98	99	1	0.003	AGAT_FAICP		
			D73164	99	99.95	0.95	0.005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
99.95	100.54	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz) PEG as previous. No vis sulfs.	D73165	99.95	100.54	0.59	0.002	AGAT_FAICP		
100.54	103.47	(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, (FGSGB) Variable BI + garnets below the gold zone characterized by coarse strongly banded biot; imparts coarse foliation. Abundant melt banding exhibiting ductile deformation; undulose varying foliation/banding. Possible passive folding. Minor Py cornflakes on open frac; <1cm. Interval comprises several dm scale PEGs as previously described (possible remelted qz veins). Varying fold orientation; measured axes at high angles relative to each other. Dominant folding appears to be upright and isoclinal; S folded looking east. Subordinate folding described by axes plunging ~S; steep.	D73167	100.54	101	0.46	0.002	AGAT_FAICP		
			D73168	101	101.5	0.5	0.002	AGAT_FAICP		
			D73169	101.5	102.25	0.75	0.002	AGAT_FAICP		
			D73170	102.25	102.85	0.6	0.003	AGAT_FAICP		
			D73171	102.85	103.47	0.62	0.002	AGAT_FAICP		
103.47	106.07	(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz) Interval comprising dm scale PEGs and intervals of massive FGS. PEGs are typical; as described previously. FGS is characterized by massive texture and lack of banding; 30% biot; dissem; discrete xls <1mm. Equigranular. PEGs host minor sulfs: Po in hackly clots; <1cm; Py dissem and on open frac faces.	D73173	103.47	103.95	0.48	0.002	AGAT_FAICP		
			D73174	103.95	104.6	0.65	0.003	AGAT_FAICP		
			D73175	104.6	105.2	0.6	0.002	AGAT_FAICP		
			D73176	105.2	105.7	0.5	0.002	AGAT_FAICP		
			D73177	105.7	106.07	0.37	0.001	AGAT_FAICP		
106.07	108.75	(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, (FGSGB) Variable BI + garnets below the gold zone Interbedded FGS-AMP as previously described. Characterized by relative scarcity of AMP and elevated interstitial plag; ~20%; sub mm; anhedral. Prominent F2 folded S0 and S1; gentle; axis plunges moderately NE; likely F2. Interval also comprises well defined F1 folds in qz veins; axes plunging moderately eastward; S fold looking east. No vis sulfs or alt in interval.	D73179	106.07	107	0.93	0.002	AGAT_FAICP		
			D73180	107	108	1	0.001	AGAT_FAICP		
			D73181	108	108.75	0.75	0.003	AGAT_FAICP		
108.75	109.50	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke LAMP as previous. 15% mm scale carb porphs; subround. Occasional carb stringer. Unaltered margins. No vis alt or sulfs.	D73182	108.75	109.5	0.75	0.037	AGAT_FAICP		
109.50	111.10	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) Abundant felsic banding and qz veins; cm scale; exhibiting moderate to strong deformation. ~15% veining. No vis sulfs or alteration. Coarse biot throughout; aligned; imparts foliation.	D73183	109.5	110	0.5	0.003	AGAT_FAICP		
			D73184	110	110.5	0.5	0.002	AGAT_FAICP		
			D73185	110.5	111.1	0.6	0.002	AGAT_FAICP		
111.10	113.47	(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, (D73187	111.1	112	0.9	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		FGSGB) Variable BI + garnets below the gold zone	D73188	112	113	1	0.003	AGAT_FAICP		
		Interbedded FGS with lesser AMP; as previously described. Banding exhibits cm scale open folding. No vis sulfs. Minor segments of intense coarse biot; imparts fissility; dm scale segments. Trace dissem Py; localized loose colonies. No significant alt.	D73189	113	113.47	0.47	0.006	AGAT_FAICP		
113.47	113.85	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D73190	113.47	113.85	0.38	0.0005	AGAT_FAICP		
		Typical PEG. Equigranular. Xls <1cm. 20% fsp. No vis sulfs. Possible remelted qz vn.								
113.85	115.15	(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, (FGSGB) Variable BI + garnets below the gold zone	D73191	113.85	114.55	0.7	0.032	AGAT_FAICP		
		As previously described.	D73193	114.55	115.15	0.6	0.007	AGAT_FAICP		
115.15	115.55	(QV, FGS) Quartz Vein, Felsic Gneiss Sedimentary, (QZVT2) Massive quartz vein	D73194	115.15	115.55	0.4	0.004	AGAT_FAICP		
		Strongly deformed qz vn comingled with FGS. Melt texture. Trace dissem Py. Minor coarse dissem garnet porphs. Coarse biot in FGS; imparts foliation. No significant alt								
115.55	117.80	(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, (FGSGB) Variable BI + garnets below the gold zone	D73195	115.55	116.45	0.9	0.004	AGAT_FAICP		
		FGS with several cm to dm scale PEG/melt bands. Localized colonies of coarse subhedral garnet porphs. Localized significant Po mineralization; mm scale hackly clots; restricted to quartzose melt bands. Fine to med grained dissem biot throughout; <1mm xls; euhedral; alignment imparts foliation.	D73196	116.45	117.1	0.65	0.008	AGAT_FAICP		
	D73197		117.1	117.8	0.7	0.008	AGAT_FAICP			
117.80	120.50	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D73199	117.8	118.5	0.7	0.002	AGAT_FAICP		
		Equigranular. ~30% fsp. Trace pink patchy K alt. 15% coarse biot clots; <1cm. Significant Po-Py; mm scale hackly clots; localized in loose colonies; overall ~1-2%; controlled by microfracs and xls boundaries. Minor cm scale interbeds of FGS.	D73200	118.5	119	0.5	0.003	AGAT_FAICP		
			D73201	119	119.5	0.5	0.004	AGAT_FAICP		
			D73202	119.5	120	0.5	0.002	AGAT_FAICP		
			D73203	120	120.5	0.5	0.002	AGAT_FAICP		
120.50	123.90	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D73204	120.5	121	0.5	0.012	AGAT_FAICP		
		Characterized by massive to weakly foliated texture and lack of garnet. Equigranular. Rare cm scale quartzose melt bands; amorphous. No vis sulfs or alt. 20% dissem biot; <1mm xls; euhedral.	D73205	121	122	1	0.004	AGAT_FAICP		
			D73207	122	122.55	0.55	0.003	AGAT_FAICP		
			D73208	122.55	123	0.45	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D73209	123	123.9	0.9	0.003	AGAT_FAICP		
123.90	124.35	(AMP) Amphibolite, (AMPUM) Ultramafic Amphibolite	D73210	123.9	124.35	0.45	0.006	AGAT_FAICP		Coarse grained massive AMP. Dark green. 20% coarse disseminated biot. Very fine disseminated Po throughout. Weakly foliated. No visible alteration.
124.35	141.55	(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS	D73211	124.35	125	0.65	0.036	AGAT_FAICP		Aphanitic. Strongly siliceous. Appears to be silicified/quartz flooded. Minor very fine disseminated biot; alignment imparts weak foliation. Minor amphibole-rich beds; cm scale; <15cm. Fine disseminated muscovite; varying abundance; overall <10%. Characterized by aphanitic texture and significant Po>Py>Cpy mineralization; wispy to clotted; organized into loose bands; overall ~3%. Weak to moderate patchy diffuse epidote alteration. Localized sericitic alteration; associated with local strong foliation; exhibits strong deformation/folding. 137-139m characterized by intense Po-Py mineralization; coarse hackly clots organized into foliation concordant bands. 140-141.55m characterized by intense silicification; 99% quartz with trace biotite-muscovite and sulfides.
			D73213	125	125.35	0.35	0.003	AGAT_FAICP		
			D73214	125.35	125.8	0.45	0.003	AGAT_FAICP		
			D73215	125.8	126.2	0.4	0.005	AGAT_FAICP		
			D73216	126.2	127	0.8	0.002	AGAT_FAICP		
			D73217	127	127.5	0.5	0.008	AGAT_FAICP		
			D73247	140	140.5	0.5	0.011	AGAT_FAICP		
			D73248	140.5	141	0.5	0.004	AGAT_FAICP		
			D73249	141	141.55	0.55	0.003	AGAT_FAICP		
			D73240	137	137.5	0.5	0.063	AGAT_FAICP		
			D73241	137.5	138	0.5	0.193	AGAT_FAICP		
			D73242	138	138.5	0.5	0.017	AGAT_FAICP		
			D73243	138.5	139	0.5	0.014	AGAT_FAICP		
			D73244	139	139.5	0.5	0.006	AGAT_FAICP		
			D73245	139.5	140	0.5	0.005	AGAT_FAICP		
			D73233	134	134.4	0.4	0.019	AGAT_FAICP		
			D73234	134.4	135	0.6	0.017	AGAT_FAICP		
			D73235	135	135.5	0.5	0.003	AGAT_FAICP		
			D73236	135.5	136	0.5	0.014	AGAT_FAICP		
			D73237	136	136.5	0.5	0.008	AGAT_FAICP		
			D73239	136.5	137	0.5	0.038	AGAT_FAICP		
			D73225	130.5	131	0.5	0.007	AGAT_FAICP		
			D73227	131	131.5	0.5	0.013	AGAT_FAICP		
			D73228	131.5	132	0.5	0.007	AGAT_FAICP		
			D73229	132	133	1	0.007	AGAT_FAICP		
			D73230	133	133.5	0.5	0.002	AGAT_FAICP		
			D73231	133.5	134	0.5	0.002	AGAT_FAICP		
			D73219	127.5	128	0.5	0.012	AGAT_FAICP		
			D73220	128	128.4	0.4	0.011	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D73221	128.4	129	0.6	0.017	AGAT_FAICP		
			D73222	129	129.5	0.5	0.016	AGAT_FAICP		
			D73223	129.5	130	0.5	0.008	AGAT_FAICP		
			D73224	130	130.5	0.5	0.007	AGAT_FAICP		
141.55	142.30	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D73250	141.55	142.3	0.75	0.004	AGAT_FAICP		Moderately altered PEG; patchy diffuse K and epidote alt throughout. Minor sericitized hackly biot clots; mm scale. No vis sulfs.
142.30	145.10	(FGG) Felsic Gneiss Granitic, ()	D73251	142.3	143	0.7	0.013	AGAT_FAICP		Characterized by strong foliation exhibiting strong deformation/folding. 15% dissem musc porphs; <5mm; euhedral. Minor fine dissem Po; patchy; xls aligned with foliation. 20% dissem biot. Minor patchy K alt. Weak to moderate ser alt; alignment imparts foliation. Occ cm scale patches of abundant garnet; mm scale; subhedral; locally 15% over 5cm.
			D73253	143	144	1	0.01	AGAT_FAICP		
			D73254	144	144.75	0.75	0.029	AGAT_FAICP		
145.10	145.50	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D73255	144.75	145.5	0.75	0.015	AGAT_FAICP		Moderate patchy K alt. Atypical PEG texture; discrete xls are not obvious; melted. Localized patchy hem alt; overall minor. Strong yellow alt at lower contact with dyke. No vis sulfs.
145.50	146.00	(UMD) UMLAMP Dyke, (LAMPD) UMD - Lamprophyre Dyke	D73256	145.5	146	0.5	0.003	AGAT_FAICP		Aphanitic black mafic dyke. Softness suggests high biot content. Much of the interval is strongly altered; pale yellow-green. Abundant interstitial green material is thought to be olivine. Pale dull yellow material is unidentified. Abundant healed fractures; qz stockwork. Groundmass of altered segment appears to comprise 50% olivine and 50% plag. Possible amalgam of dyke and host material. No vis sulfs. Abundant dark mm scale xenoliths visible in altered segment.
146.00	147.30	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D73257	146	146.85	0.85	0.044	AGAT_FAICP		Pink-yellow-green. Brecciated; healed with dark pseudotachylitic cement. Similar to previously described PEG. Appearance becomes more like that of a classic PEG proximal to lower contact. No vis sulfs. Strongly altered: K-Ser-Cpx-albite
			D73259	146.85	147.3	0.45	0.01	AGAT_FAICP		
147.30	153.95	(AMP) Amphibolite, (AMPMG) Magnetite-rich Amphibolite	D73260	147.3	148	0.7	0.009	AGAT_FAICP		Dark green. Moderately to strongly foliated; foliation exhibits well preserved open F2 folds. Varying texture; strongly foliated to massive. Equigranular. No significant sulfs or alteration.
			D73261	148	149	1	0.017	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Rare opq white qz veins; barren; folded and boudinaged; cm scale. Rare alteration bands comprising coarse garnet and "bleached" appearance. Patchy silicification; cm scale segments <15cm. Minor amp porphs; dissem; <5mm; disoriented.	D73262	149	150	1	0.002	AGAT_FAICP		
	D73263		150	151	1	0.009	AGAT_FAICP			
	D73264		151	152	1	0.008	AGAT_FAICP			
	D73265		152	153	1	0.01	AGAT_FAICP			
	D73267		153	153.95	0.95	0.012	AGAT_FAICP			
153.95	155.37	(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, (AMPMG) Magnetite-rich Amphibolite	D73268	153.95	154.7	0.75	0.008	AGAT_FAICP		
		Comingled AMP-FGS. Contacts obscured by melting; diffuse; gradational. Albite-Ser-K alteration bands are common; assoc with healed microfracs. NO significant sulfs. Very fine grained texture overall.	D73269	154.7	155.37	0.67	0.003	AGAT_FAICP		
155.37	157.50	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D73270	155.37	156	0.63	0.003	AGAT_FAICP		
		Aphanitic groundmass with occasional colonies of coarse garnet xls; subhedral; <5mm. Occasional minor PEGs; amorphous. Higher sulfide content than surrounding lithos. Occasional colonies of fine hackly Po-Py clots; apparently frac controlled; overall <1%. Abundant healed microfracs with thin alteration halos.	D73271	156	156.65	0.65	0.01	AGAT_FAICP		
			D73273	156.65	157.5	0.85	0.006	AGAT_FAICP		
157.50	158.42	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D73274	157.5	158.42	0.92	0.008	AGAT_FAICP		
		Partially melted pegmatitic texture. Similar sulf occurrence as that in FGS; fine hackly clots orgnized into minor bands; overall <1%. Dissem coarse hackly biot clots. 30-40% fsp.								
158.42	159.95	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D73275	158.42	159	0.58	0.005	AGAT_FAICP		
		FGS as previously described. No vis sulfs. Weak fabric imparted by parallel microfracs.	D73276	159	159.95	0.95	0.003	AGAT_FAICP		
159.95	161.60	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D73277	159.95	161	1.05	0.002	AGAT_FAICP		
		Melted peg texture. Qz and fsp xls are diffuse. Characterized by preponderance of biot in coarse hackly clots; cm scale. Minor K-Ser alt assoc with fracs. Diffuse trace patchy epidote alt. No vis sulfs. Minor coarse musc porphs; localized near lower contact.	D73279	161	161.6	0.6	0.003	AGAT_FAICP		
161.60	167.16	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D73280	161.6	162.2	0.6	0.004	AGAT_FAICP		
		Aphanitic groundmass with fine dissem biot; ~20%; and occasional colonies of mm scale	D73281	162.2	163.1	0.9	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
garnet xls. Minor diffuse amorphous PEGs/melted qz vns throughout; <10cm; overall 5% of interval. Minor Po; localized; very fine; dissem and frac controlled; overall <1% of interval.			D73282	163.1	163.75	0.65	0.003	AGAT_FAICP		
			D73283	163.75	164.1	0.35	0.004	AGAT_FAICP		
			D73284	164.1	164.65	0.55	0.007	AGAT_FAICP		
			D73285	164.65	165	0.35	0.011	AGAT_FAICP		
			D73287	165	165.55	0.55	0.002	AGAT_FAICP		
			D73288	165.55	166.35	0.8	0.002	AGAT_FAICP		
			D73289	166.35	167.16	0.81	0.003	AGAT_FAICP		
167.16	170.77	(DIA) Diabase Dike, ()	D73290	167.16	168	0.84	0.001	AGAT_FAICP		
Diabase dyke with 10% mm scale carbonate poprhs. Very fine grained groundmass. No vis sulfs. Rare slickenlines on fractures; indicates normal-dextral movement relative to top of hole.No significant alteration.			D73291	168	169	1	0.001	AGAT_FAICP		
			D73293	169	170	1	0.001	AGAT_FAICP		
			D73294	170	170.77	0.77	0.002	AGAT_FAICP		
170.77	173.15	(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS	D73295	170.77	171.15	0.38	0.001	AGAT_FAICP		
Fine grained FGS with 20% fine dissem biot; 5% fine dissem musc; 10% dissem garnet. Distinct foliation is visible unlike previous FGS. 5% qz banding; <2cm; foliation concordant. No vis sulfs. Minor diffuse epidote alteration; patchy.			D73296	171.15	171.8	0.65	0.001	AGAT_FAICP		
			D73297	171.8	172.45	0.65	0.002	AGAT_FAICP		
			D73299	172.45	173.15	0.7	0.004	AGAT_FAICP		
173.15	173.55	(QV) Quartz Vein, (QZVT2) Massive quartz vein	D73300	173.15	173.65	0.5	0.004	AGAT_FAICP		
Melted and strongly altered qz vn. Strong propylitic alteration. Chlorite imparts green colouration. Alteration stringers imparts foliation. No vis sulfs.										
173.55	186.88	(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS	D73301	173.65	174.2	0.55	0.002	AGAT_FAICP		
FGS with minor muscovite; fine dissem porphs; <1mm; subhedral. Moderate foliation throughout. Trace Py-Po present in loose colonies of fine subhedral xls; also very fine dissem in dm scale segments. Mostly weakly altered; diffuse patchy K and epidote alt assoc with melt bands and microfracs. Interval comprises an intensely altered segment; assoc with proximal LAMP (not visible); brecciated; pale pink-green (K-Ep-Cpx-Fsp). Characterized by ~5% quartzose banding; melt features; possibly remelted veins; mostly foliation concordant. Coarse dissem garnet; <5mm; varying concentration throughout.			D73302	174.2	175	0.8	0.003	AGAT_FAICP		
			D73303	175	176	1	0.005	AGAT_FAICP		
			D73304	176	177	1	0.002	AGAT_FAICP		
			D73305	177	177.5	0.5	0.004	AGAT_FAICP		
			D73307	177.5	178.25	0.75	0.004	AGAT_FAICP		
			D73315	182.15	183.1	0.95	0.008	AGAT_FAICP		
			D73316	183.1	183.95	0.85	0.002	AGAT_FAICP		
			D73317	183.95	184.5	0.55	0.002	AGAT_FAICP		
			D73319	184.5	185	0.5	0.002	AGAT_FAICP		
			D73320	185	186	1	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D73321	186	186.88	0.88	0.001	AGAT_FAICP		
			D73308	178.25	179	0.75	0.001	AGAT_FAICP		
			D73309	179	179.65	0.65	0.002	AGAT_FAICP		
			D73310	179.65	180.4	0.75	0.002	AGAT_FAICP		
			D73311	180.4	181	0.6	0.001	AGAT_FAICP		
			D73313	181	181.6	0.6	0.002	AGAT_FAICP		
			D73314	181.6	182.15	0.55	0.002	AGAT_FAICP		
186.88	187.29	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D73322	186.88	187.35	0.47	0.003	AGAT_FAICP		
		Weakly altered quenched margins; pale green. Aphanitic dark brown groundmass with 15% mm scale cb porphs; <5mm. No vis sulfs.								
187.29	191.30	(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS	D73323	187.35	187.95	0.6	0.001	AGAT_FAICP		
		FGS as described above LAMP.								
			D73324	187.95	188.5	0.55	0.006	AGAT_FAICP		
			D73325	188.5	189	0.5	0.007	AGAT_FAICP		
			D73327	189	189.75	0.75	0.01	AGAT_FAICP		
			D73328	189.75	190.7	0.95	0.009	AGAT_FAICP		
			D73329	190.7	191.3	0.6	0.004	AGAT_FAICP		
191.30	192.70	(DIA) Diabase Dike, ()	D73330	191.3	192	0.7	0.004	AGAT_FAICP		
		Aphanitic dark grey to black groundmass hosting 5% very fine cb porphs. Minor coarse Py flakes on open fracs; late. No vis alt.								
			D73331	192	192.7	0.7	0.003	AGAT_FAICP		
192.70	196.83	(FGG) Felsic Gneiss Granitic, ()	D73333	192.7	193.35	0.65	0.009	AGAT_FAICP		
		Characterized by very coarse musc/sericite aligned in intensely deformed foliation; mylonitic. Occasional coherent measureable folds; varying geometry: steeply plunging and reclined; also nearly upright verging south (S fold looking east). Intense strain. Minor sulfs; localized; fine xls hosted within foliation; rare coarse hackly clots <2cm. Strongly sericitized throughout. Dark clots and banding comprise biotite concentration								
			D73334	193.35	194	0.65	0.002	AGAT_FAICP		
			D73335	194	194.5	0.5	0.004	AGAT_FAICP		
			D73336	194.5	195	0.5	0.001	AGAT_FAICP		
			D73337	195	195.65	0.65	0.003	AGAT_FAICP		
			D73339	195.65	196.3	0.65	0.008	AGAT_FAICP		
			D73340	196.3	196.83	0.53	0.02	AGAT_FAICP		
196.83	198.20	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D73341	196.83	197.65	0.82	0.004	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Not strictly a PEG. Intense K alteration. Appears melted. Some primary fabric is preserved (foliaiton); possibly partially melted FGG with intense alteration. Diffuse contacts with surrounding FGG. No vis sulfs. 10% coarse hackly biot clots. Groundmass in strongly quartose.	D73342	197.65	198.2	0.55	0.003	AGAT_FAICP		
198.20	200.17	(FGG) Felsic Gneiss Granitic, ()	D73343	198.2	198.8	0.6	0.012	AGAT_FAICP		
		As previously described. Mylonitic; aphanitic. Strong sericite alteration. Occ minor cm scale PEGs; 50% white plag as coarse subhedral xls; <1cm. Well defined folding of foliaiton. Trace Py.	D73344	198.8	199.45	0.65	0.003	AGAT_FAICP		
			D73345	199.45	200.17	0.72	0.004	AGAT_FAICP		
200.17	200.53	(DIA) Diabase Dike, ()	D73347	200.17	200.53	0.36	0.003	AGAT_FAICP		
		Typical diabase. Black. Aphanitic. Interval actually comprises 2 dm scale DIA segments separated by a minor FGG segment <10cm. No vis alt or sulfs.								
200.53	204.90	(FGG) Felsic Gneiss Granitic, ()	D73348	200.53	201.55	1.02	0.003	AGAT_FAICP		
		Strongly foliated FGG. Distinguished from previous FGG by apparent reduction in strain; sub-mylonitic. Minor dissem Po-Py; very fine xls in loose colonies. Well developed folding of foliaiton. Apparently reduced sericite content; perhaps accounts for less prominent foliaiton. No significant veining; ~1% overall. Moderate sericitic alteration.	D73349	201.55	202.25	0.7	0.058	AGAT_FAICP		
			D73350	202.25	203	0.75	0.011	AGAT_FAICP		
			D73351	203	204	1	0.009	AGAT_FAICP		
			D73353	204	204.9	0.9	0.009	AGAT_FAICP		
204.90	205.30	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D73354	204.9	205.3	0.4	0.026	AGAT_FAICP		
		Classic PEG texture. Opq white aphanitic groundmass with cm scale megacrysts of biot and Kspar. ~60% qz. Minor epidote alt. No vis sulfs.								
205.30	205.95	(FGG) Felsic Gneiss Granitic, ()	D73355	205.3	205.95	0.65	0.004	AGAT_FAICP		
		FGG as previous.								
205.95	206.35	(QV) Quartz Vein, (QZVT2) Massive quartz vein	D73356	205.95	206.35	0.4	0.029	AGAT_FAICP		
		Sub-pegmatitic. Mottled grey-white qz with diffuse epidote alt throughout. Significant sulfide mineralization: Po>Py>Mo present as mm scale hackly clots; frac and xls boundary controlled; overall 5%.								
206.35	209.00	(FGG) Felsic Gneiss Granitic, ()	D73357	206.35	207	0.65	0.007	AGAT_FAICP		
		FGG as previous.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D73359	207	208	1	0.006	AGAT_FAICP		
			D73360	208	209	1	0.006	AGAT_FAICP		
209.00	210.10	(PEG, FGG) Pegmatite, Felsic Gneiss Granitic, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D73361	209	209.45	0.45	0.002	AGAT_FAICP		
		Melted PEG as described at ~197m. Not a classic PEG but exhibits strong melt textures with preservation of protolith fabric. Intense alteration confounds identification. Pervasive diffuse epidote alt; lesser K alt. Centimeter scale qz-plag clots. Minor Po-Py dissem in FGG; very fine xls organized on foliation.	D73362	209.45	210.1	0.65	0.005	AGAT_FAICP		
210.10	212.70	(FGG) Felsic Gneiss Granitic, ()	D73363	210.1	210.85	0.75	0.003	AGAT_FAICP		
		Typical mylonitic FGG. Distinguished from previous by notable increase in foliation development. Very fine dissem Po throughout; organized; aligned with foliation. Moderate sericite alteration throughout.	D73364	210.85	211.5	0.65	0.004	AGAT_FAICP		
			D73365	211.5	212.15	0.65	0.006	AGAT_FAICP		
			D73367	212.15	212.7	0.55	0.003	AGAT_FAICP		
212.70	214.10	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D73368	212.7	213.3	0.6	0.004	AGAT_FAICP		
		Melted pseudo PEG as previous. Patchy K and epidote alteration throughout; moderate to strong. Muscovite content is notably elevated relative to previous intervals; coarse wispy clots <1cm. Foliation is strongly deformed; sericitic lithons are mylonitic and deflect around the more resistant quartzofeldspathic lithons.	D73369	213.3	213.75	0.45	0.006	AGAT_FAICP		
			D73370	213.75	214.1	0.35	0.002	AGAT_FAICP		
214.10	218.00	(FGG) Felsic Gneiss Granitic, ()	B61773	217	218	1	0.007	AGAT_FAICP		
		Characterized by varying colour and texture throughout. Light to dark grey with patchy pink K alt. Moderate to strong alteration throughout; K-epidote-sericite; restricted to dm scale segments. Texture varies from aphanitic and foliated to massive with fine dissem fsp porphs <1mm. Occasional silicified segments; dm scale <30cm. Elevated sulfides relative to previous; Lenticular Py-Po preferentially growing on foliation and frac planes; <1% of interval; locally 3% over 20cm.	D73371	214.1	214.7	0.6	0.005	AGAT_FAICP		
			D73373	214.7	215.45	0.75	0.015	AGAT_FAICP		
			D73374	215.45	216	0.55	0.012	AGAT_FAICP		
			D73375	216	217	1	0.055	AGAT_FAICP		
218.00	219.43	(FGG) Felsic Gneiss Granitic, ()	B61774	218	219	1	0.003	AGAT_FAICP		
		FGG contains moderate muscovite presence ranging from finely disseminated to massive examples. Moderate to strong potassic alteration via dissemination and selective signatures. Moderate sillimanite presence ranging from very fine to moderate size. Thin extensions of lamprophyric dykes present throughout unit. Moderate to strong folding throughout. Sulphide content is low to moderate with both pyrite and pyrrhotite present with the former being slightly more dominant Py 65/ Po 35. Fine grained garnets present throughout unit. Moderate quartz flooding with moderate increase in sulphide content. Molybdenite also observable.	B61775	219	219.43	0.43	0.004	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
219.43	222.17	(FGS) Felsic Gneiss Sedimentary, () FGS contains numerous fine grained garnets throughout. Minor muscovite and sillimanite contained in potassic altered patches. Low sulphide content overall. Potassic altered sections are short and localized.	B61776	219.43	220.46	1.03	0.005	AGAT_FAICP		
			B61777	220.46	221	0.54	0.006	AGAT_FAICP		
			B61779	221	222.17	1.17	0.003	AGAT_FAICP		
222.17	222.84	(FGG) Felsic Gneiss Granitic, () FGG contains moderate F2 folding. Moderate muscovite and sillimanite throughout unit. Moderately low sulphide content with both pyrite and pyrrhotite present in similar quantities Py65/Po35. Strong melt textures throughout. Quartz veining / flooding is moderate. Moderate potassic alteration via dissemination and pervasive flooding signatures.	B61780	222.17	222.51	0.34	0.003	AGAT_FAICP		
			B61781	222.51	222.84	0.33	0.004	AGAT_FAICP		
222.84	223.85	(FGS) Felsic Gneiss Sedimentary, () FGS contains moderate foliation throughout. Fine grained garnets present throughout whole unit. Minor muscovite and sillimanite present but patchy. Weak potassic and chloritic alteration via stringers and halos. Sulphide content is low with both pyrite and pyrrhotite present in similar quantities.	B61782	222.84	223.85	1.01	0.002	AGAT_FAICP		
223.85	224.65	(FGG) Felsic Gneiss Granitic, () FGG contains moderate to strong potassic alteration via dissemination and pervasive signatures. Sulphide content is moderately low with pyrite and pyrrhotite both present with the former being the dominant species Py 75/ Po 25. Moderate muscovite and sillimanite throughout often contained within patches. Minor amphibolite patches. Moderate quartz veining/flooding with no noticeable increase in sulphide content.	B61783	223.85	224.65	0.8	0.005	AGAT_FAICP		
224.65	226.35	(FGS) Felsic Gneiss Sedimentary, () FGS contains numerous fine grained garnets throughout. Short sections of increased potassic alteration via halos and dissemination present. Patches of muscovite and sillimanite observable in proximity to quartz flooding/veining areas. Moderate foliation. Sulphide content is low with pyrite being slightly more dominant over pyrrhotite Py 60/ Po 40 which presents a moderate increase proximal to silica rich areas.	B61784	224.65	225.45	0.8	0.002	AGAT_FAICP		
			B61785	225.45	225.96	0.51	0.003	AGAT_FAICP		
			B61787	225.96	226.35	0.39	0.002	AGAT_FAICP		
226.35	227.10	(UMD) UMLAMP DiKE, (LAMPD) UMD - Lamprophyre Dyke UMD-Lamp contains fine grained amygdules of carbonate material as well as xenoliths of country rock and carbonate.	B61788	226.35	227.1	0.75	0.003	AGAT_FAICP		
227.10	227.80	(FGS) Felsic Gneiss Sedimentary, () Upper 25 cm's of unit contains moderate quartz flooding with a sharp increase in sulphide	B61789	227.1	227.46	0.36	0.009	AGAT_FAICP		
			B61790	227.46	227.8	0.34	0.008	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		content dominated by pyrrhotite Po 70/ Py 30. Sulphide grain size ranges from 0.1 - 0.6 mm's. Moderate sulphide content overall. Muscovite/Sillimanite/Magnetite present throughout unit. Weak potassic and sericitic alteration via dissemination.								
227.80	229.87	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	B61791	227.8	228.78	0.98	0.003	AGAT_FAICP		
		Pegmatite contains 50% Qtz. Numerous k-spar specimens have poor crystal structure and appear to be partially melted. Thin sections of muscovite and sillimanite contained in veinlets. Upper 20 cm's of unit contains moderately strong sulphide content with pyrrhotite as the dominant species Po 70 / Py 30. Garnets also present within pegmatite with strong reaction to surrounding fluids.	B61793	228.78	229.87	1.09	0.003	AGAT_FAICP		
229.87	231.15	(MAM, AMP) Mottled Amphibolite, Amphibolite, ()	B61794	229.87	230.5	0.63	0.003	AGAT_FAICP		
		Moderate to strong quartz veining/flooding. Moderate sulphide content with pyrite as the dominant species Py 70/Po 30. Unit contains strong folding with both F1 and F2 generations. Moderate biotite and garnet presence. Magnetite presence in high quantity which is replacing garnet specimens. A short section of moderate to strong potassic alteration is contained from 230.25-230.35 which contains strong pyrite content. Could be part of a fault ?? Clinopyroxene also present but in moderately low content.	B61795	230.5	231.15	0.65	0.003	AGAT_FAICP		
231.15	232.75	(FGS) Felsic Gneiss Sedimentary, ()	B61796	231.15	231.95	0.8	0.004	AGAT_FAICP		
		FGS contains numerous fine grained garnets throughout. Low sulphide content. Minor muscovite present at lower contact with a moderate increase in silica. Short lamprophyre contained from 232.13-232.29 with a lower contact of a25/b305. Moderate foliation throughout unit.	B61797	231.95	232.75	0.8	0.002	AGAT_FAICP		
232.75	233.75	(FGG, FGS) Felsic Gneiss Granitic, Felsic Gneiss Sedimentary, ()	B61799	232.75	233.75	1	0.001	AGAT_FAICP		
		Hybrid unit. Moderate to strong potassic alteration via dissemination and halos. Moderate muscovite presence. Sillimanite is present but in low quantity and very fine grained. Weak to moderate fine grained pegmatitic texture throughout altered areas. Sulphide content is low with pyrite as the main constituent.								
233.75	236.55	(FGS) Felsic Gneiss Sedimentary, ()	B61800	233.75	235.2	1.45	0.001	AGAT_FAICP		
		FGS contains weak foliation fabric. Low sulphide content with pyrite as the dominant sulphide. Thin veinlets carrying weak to moderate potassic and chloritic alteration crosscut the unit at high angles to core axis. Thin pegmatitic veins are present but are barren. Biotite content increases downwards. Scattered fine to medium sized garnets presenting	B61801	235.2	236.55	1.35	0.004	AGAT_FAICP		
236.55	237.56	(AMP) Amphibolite, ()	B61802	236.55	237.08	0.53	0.004	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Amphibolite contains fine to coarse grained magnetite throughout with garnet replacement. Salty texture due to qtz/plag or perhaps scapolite feldspar. Cpx content is low and often found in bleby form bound by amphibole. Moderate epidote alteration. Sulphide content is moderate with pyrite being dominant over pyrrhotite. Unit contains moderate foliation fabric. Moderate F1 folding present.	B61803	237.08	237.56	0.48	0.001	AGAT_FAICP		
237.56	238.04	(MAM, AMP) Mottled Amphibolite, Amphibolite, ()	B61804	237.56	238.04	0.48	0.003	AGAT_FAICP		Moderate to strong glassy quartz veining/flooding. Moderate sulphide content with pyrite as the dominant species Py 70/Po 30. Unit contains weak folding. Moderate biotite and weak garnet presence. Magnetite presence in high which is replacing garnet specimens. Low clinopyroxene content.
238.04	242.55	(AMP) Amphibolite, ()	B61805	238.04	239.14	1.1	0.002	AGAT_FAICP		Amphibolite contains high content of magnetite ranging from disseminated to massive specimens. Weak to moderate epidote alteration around quartz veins. Salty texture due to qtz/plag or possibly scapolite but unlikely due to it's hard nature. Thin veinlets of weak potassic alteration crosscut the unit from moderate to high angle in relation to core axis. Sulphide content is low with pyrite as the dominant variety.
			B61807	239.14	240	0.86	0.003	AGAT_FAICP		
			B61808	240	241.48	1.48	0.003	AGAT_FAICP		
			B61809	241.48	242.55	1.07	0.002	AGAT_FAICP		
242.55	243.17	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	B61810	242.55	243.17	0.62	0.001	AGAT_FAICP		Pegmatite contains moderate magnetite content with specimens ranging from very fine to fine grained. Weak to moderate potassic alteration via dissemination. Very low sulphide content.
243.17	245.08	(FGS) Felsic Gneiss Sedimentary, ()	B61811	243.17	244.56	1.39	0.0005	AGAT_FAICP		FGS contains moderate foliation fabric. Weak to moderate chloritic alteration via moderate angled veinlets to core axis crosscut the unit throughout. Weak to moderate epidote presence within thin quartz veins. Sulphide content is very low within unit. Very fine grained garnets present in moderate quantity. Unit contains weak to moderate magnetite content.
			B61813	244.56	245.08	0.52	0.0005	AGAT_FAICP		
245.08	245.73	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	B61814	245.08	245.73	0.65	0.001	AGAT_FAICP		Pegmatite contains sections of overlying FGS unit which has moderate magnetite content. Weak to moderate potassic alteration via dissemination. Very low sulphide content. K-spar feldspar
245.73	251.00	(FGS) Felsic Gneiss Sedimentary, ()	B61815	245.73	247.1	1.37	0.002	AGAT_FAICP		FGS contains numerous fine grained garnets throughout the unit. Weak to moderate potassic alteration via halos and dissemination. Stringers crosscut the unit at various angles
			B61816	247.1	248.6	1.5	0.0005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
carrying weak sericitic alteration. Thin pegmatitic veins present but are barren. Lower 30cm's of unit contains fine grained k-spar producing a dioritic fabric which is proximal to a UMD. Weak sulphide content.			B61817	248.6	250.05	1.45	0.0005	AGAT_FAICP		
			B61819	250.05	251	0.95	0.0005	AGAT_FAICP		
251.00	251.64	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	B61820	251	251.64	0.64	0.0005	AGAT_FAICP		UMD-Lamp contains fine grained amygdules filled with carbonate material. Chill margins present at upper and lower contact.
251.64	253.13	(FGS) Felsic Gneiss Sedimentary, ()	B61821	251.64	253.13	1.49	0.0005	AGAT_FAICP		FGS contains numerous fine grained garnets throughout. Moderate dioritic fabric due to fine grained k-spar in top 40 cm's of unit which is proximal to a UMD. Weak sulphide content throughout. Weak potassic and sericitic alteration via stringers.
253.13	253.74	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	B61822	253.13	253.74	0.61	0.009	AGAT_FAICP		Pegmatite does not contain significant sulphide content. Plagioclase dominant over k-spar. Trace potassic alteration via stringers.
253.74	266.70	(FGS) Felsic Gneiss Sedimentary, ()	B61823	253.74	255.2	1.46	0.0005	AGAT_FAICP		FGS contains weak to moderate magnetic signature due to fine grained magnetite. Weak to moderate potassic and sericitic alteration via high angled bands. Weak sulphide content with pyrite as the main constituent. Numerous fine grained garnets. Two short k-spar pegmatites contained from 265.86-266.08 and 266.25-266.37 m's contain some massive magnetite examples and a few medium sized pyrite specimens.
			B61824	255.2	256.56	1.36	0.0005	AGAT_FAICP		
			B61825	256.56	258	1.44	0.0005	AGAT_FAICP		
			B61827	258	259.36	1.36	0.001	AGAT_FAICP		
			B61828	259.36	260.68	1.32	0.005	AGAT_FAICP		
			B61829	260.68	262.18	1.5	0.0005	AGAT_FAICP		
			B61830	262.18	263.64	1.46	0.0005	AGAT_FAICP		
			B61831	263.64	265.1	1.46	0.0005	AGAT_FAICP		
			B61833	265.1	265.86	0.76	0.001	AGAT_FAICP		
			B61834	265.86	266.7	0.84	0.001	AGAT_FAICP		
266.70	267.42	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	B61835	266.7	267.42	0.72	0.0005	AGAT_FAICP		Pegmatite contains a small lamprophyre at 266.82 with an upper alpha contact of 20. Peg is k-spar dominated with generally low biotite with the exception of one larger aggregate. Moderate magnetite contained within FGS slivers. Weak sulphide content with pyrite being the main constituent.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
267.42	275.63	(FGS) Felsic Gneiss Sedimentary, ()	B61836	267.42	268.88	1.46	0.001	AGAT_FAICP		
<p>FGS contains a weak to moderate magnetic expression throughout unit due to fine grained magnetite and weakly magnetic pyrrhotite. Generally weak sulphide presence but concentrations increase from 271.48-274.00m's with pyrrhotite being dominant over pyrite Po 65/ Py 35. Moderate sericitic alteration throughout unit with the strongest presence 269.50-270.65m's via stringers and dissemination. Weak to moderate potassic alteration also observable via halos. Consistent very fine grained garnets throughout unit.</p>			B61837	268.88	270.25	1.37	0.001	AGAT_FAICP		
			B61839	270.25	271.47	1.22	0.002	AGAT_FAICP		
			B61840	271.47	271.94	0.47	0.003	AGAT_FAICP		
			B61841	271.94	272.68	0.74	0.002	AGAT_FAICP		
			B61842	272.68	273.57	0.89	0.002	AGAT_FAICP		
			B61843	273.57	274	0.43	0.005	AGAT_FAICP		
			B61844	274	275.15	1.15	0.001	AGAT_FAICP		
			B61845	275.15	275.63	0.48	0.001	AGAT_FAICP		
275.63	276.50	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	B61847	275.63	276.5	0.87	0.002	AGAT_FAICP		
<p>Medium to coarse grained K-spar. Several patches of FGS which contain a weak to moderate magnetic feature due to fine grained magnetite and pyrrhotite. Sulphide content is very low throughout unit. Moderate sericitic alteration around edges of k-spar and qtz.</p>										
276.50	277.23	(FGS) Felsic Gneiss Sedimentary, ()	B61848	276.5	277.23	0.73	0.001	AGAT_FAICP		
<p>Weakly foliated FGS with fine grained garnets throughout. Weak sulphide content. Trace sericitic alteration via high angled veinlets.</p>										
277.23	277.73	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	B61849	277.23	277.73	0.5	0.001	AGAT_FAICP		
<p>Pegmatite contains fine to coarse grained K-spar as the dominant mineral. Fine to medium grained quartz. Biotite is disseminated to coarse with large aggregates. Low sulphide content.</p>										
277.73	282.00	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	B61850	277.73	279.23	1.5	0.003	AGAT_FAICP		
<p>UMD-Lamprophyre contains fine to medium grained amygdules which have been infilled with carbonate material. Fine grained biotite throughout unit and disseminated carbonate. Moderate angled carbonate veinlets crosscut the unit throughout. Occasional xenolith present. Short QV/Pegmatite which is likely a partial melt is contained from 280.43-280.56m's with an upper and lower alpha of a22/a20.</p>			B61851	279.23	280.7	1.47	0.002	AGAT_FAICP		
			B61853	280.7	282	1.3	0.002	AGAT_FAICP		
282.00	284.32	(QV, PEG) Quartz Vein, Pegmatite, ()	B61854	282	282.55	0.55	0.001	AGAT_FAICP		
<p>QV is product of a partial melt and maintains a moderate pegmatitic texture throughout the unit ranging from fine to medium grained qtz and plag. Weak to moderate potassic alteration via stringers and dissemination. Thin dark quartz stringers also crosscut throughout but are barren. Quartz is glassy grey but unit overall is low in sulphide content. Unit coarsens</p>			B61855	282.55	283.06	0.51	0.001	AGAT_FAICP		
			B61856	283.06	284.32	1.26	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
substantially in the last 1.2m's of the unit.										
284.32	293.00	(FGS) Felsic Gneiss Sedimentary, ()	B61857	284.32	285.73	1.41	0.005	AGAT_FAICP		
FGS contains numerous very fine grained garnets throughout unit. Moderate potassic and sericitic alteration via stringers and halos. Low sulphide content with pyrrhotite as the main constituent. Minor chloritic alteration observable in the form of halos. A couple thin pegmatitic/QV present but are barren.			B61859	285.73	287	1.27	0.002	AGAT_FAICP		
			B61860	287	288.38	1.38	0.001	AGAT_FAICP		
			B61861	288.38	289.86	1.48	0.003	AGAT_FAICP		
			B61862	289.86	291.27	1.41	0.003	AGAT_FAICP		
			B61863	291.27	292.77	1.5	0.002	AGAT_FAICP		
293.00	293.60	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	B61864	292.77	293.6	0.83	0.0005	AGAT_FAICP		
Fine to medium grained pegmatite with similar ratios of Qtz and K-spar. Unit coarsens downwards. Moderate to strong potassic alteration via stringers and dissemination. Low biotite content. Weak sulphide content.										
293.60	305.16	(FGS) Felsic Gneiss Sedimentary, ()	B61865	293.6	295.05	1.45	0.002	AGAT_FAICP		
FGS contains a weak magnetic signature due to fine grained magnetite. Sulphide content is overall low but a few pockets have increased sulphide content mainly pyrrhotite. Two thin lamprophyre 297.72-297.76 with an upper contact of a30 b290 and 297.80-297.84 m's with an upper contact of a33 b287. One larger lamprophyre 304.13-304.26 with an upper contact of a24 b320 and lower contact of a30 b294. Very fine garnets visible throughout unit. Moderate potassic and sericitic alteration via dissemination and halos throughout.			B61867	295.05	296.3	1.25	0.002	AGAT_FAICP		
			B61868	296.3	297.63	1.33	0.002	AGAT_FAICP		
			B61869	297.63	299	1.37	0.002	AGAT_FAICP		
			B61870	299	300.25	1.25	0.0005	AGAT_FAICP		
			B61871	300.25	301.56	1.31	0.0005	AGAT_FAICP		
			B61873	301.56	303	1.44	0.0005	AGAT_FAICP		
			B61874	303	303.97	0.97	0.001	AGAT_FAICP		
			B61875	303.97	304.27	0.3	0.001	AGAT_FAICP		
B61876	304.27	305.16	0.89	0.0005	AGAT_FAICP					
305.16	306.10	(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGGR) Granitic Pegmatite (<50% quartz)	B61877	305.16	305.46	0.3	0.002	AGAT_FAICP		
Split 50/50 interval composed of grey massive-textured FGS and melt-textured pink-grey PEGGR (incl PEGQG sections); PEG unit hosts 3-4% BIO (7-8% BIO overall); moderate-strong pervasive silicification and weak patchy potassic alteration to PEG units; gradational lower contact with altered FGS unit			B61879	305.46	306	0.54	0.002	AGAT_FAICP		
306.10	306.88	(FGS) Felsic Gneiss Sedimentary, ()	B61880	306	306.4	0.4	0.001	AGAT_FAICP		
Grey-green; fmg; strong SER and POT alt at top of interval grading into typical silicified FGS;										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		no significant veining or mineralization; sharp lower contact	B61881	306.4	306.88	0.48	0.001	AGAT_FAICP		
306.88	308.05	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	B61882	306.88	307.5	0.62	0.003	AGAT_FAICP		
		Pink to reddish-pink to white; fcg; moderate-strong potassic alteration to texture defining kspar; 2% mg patchy BIO entrained in vein material; no significant mineralization; gradational lower contact with FGS	B61883	307.5	308.05	0.55	0.001	AGAT_FAICP		
308.05	310.74	(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	B61884	308.05	309	0.95	0.0005	AGAT_FAICP		
		Dark grey to white-pink to beige; fcg; moderate silica overprinting and patchy strong SER alt from 308.45-308.70m; 10% migmatitic PEGQG veining towards middle of interval; few mm-scale QZ-CB stringers showing mod-strong SER alt halos; 2% mcg POB GRT disseminated throughout; no significant mineralization; sharp lower contact with PEGGR	B61885	309	309.5	0.5	0.015	AGAT_FAICP		
			B61887	309.5	310.74	1.24	0.028	AGAT_FAICP		
310.74	312.14	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	B61888	310.74	311.36	0.62	0.0005	AGAT_FAICP		
		Reddish-pink to greyish-white; fmg overall; sliver of uphole FGS included in vein-material separates weakly altered upper PEG from strongly POT altered lower PEG; 2% fmg BIO entrained in vein-material; no significant mineralization; sharp lower contact	B61889	311.36	312.14	0.78	0.021	AGAT_FAICP		
312.14	318.00	(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	B61890	312.14	313	0.86	0.007	AGAT_FAICP		
		Dark grey to grey to pinkish-reddish-grey; localized intervals of varying grain size; moderate silicification to whole of unit with lcl weak-mod POT alt around siliceous intervals and CL alt around intrusive UMDs; foliation-dominant to ~317m measured at 312.64 with a62 b108; foliation changes to sub-parallel to core axis around 313-314m; increase in PEG contact from 314.47-317m about 50-50split with FGS in this interval; GRT POB 2% fmg overall; 10-12% fmg BIO throughout; few small lamp dykes at 317with a47 b295 and again at 317.20 a61 b307 on upper contact and a68 b270 on lower contact; trace amounts of wispy PO spotted lclly; no sig min otherwise	B61891	313	314	1	0.008	AGAT_FAICP		
			B61893	314	314.47	0.47	0.008	AGAT_FAICP		
			B61894	314.47	315.78	1.31	0.009	AGAT_FAICP		
			B61895	315.78	316.15	0.37	0.007	AGAT_FAICP		
			B61896	316.15	316.45	0.3	0.009	AGAT_FAICP		
			B61897	316.45	316.75	0.3	0.008	AGAT_FAICP		
			B61899	316.75	317.36	0.61	0.006	AGAT_FAICP		
			B61900	317.36	317.83	0.47	0.006	AGAT_FAICP		
			B61901	317.83	318.13	0.3	0.005	AGAT_FAICP		
318.00	318.13	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke								
		Green; fg; sharp upper and lower contact; no sig min; Upper Contact a60 b300; Lower Contact a56 b315								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
318.13	329.10	(FGS) Felsic Gneiss Sedimentary, ()	B61902	318.13	319	0.87	0.007	AGAT_FAICP		
Grey to lclly dark grey to lclly reddish-pinkish-grey; fmg to lclly cg; 10-12% fg dissem BIO throughout and 3-4% fmg dissem to POB GRT; few cm-scale PEG stringers cut unit; bulk of veining mm-cm scale QZ-CB stringers showing moderate potassic/sercitic alteration halos; unit moderately magnetic with 0.5% vffg MG disseminated throughout; 0.5-1% vffg dissem PY min; sharp lower contact with UMD-LAMPD with a30 b330			B61903	319	320	1	0.006	AGAT_FAICP		
			B61904	320	321	1	0.006	AGAT_FAICP		
			B61905	321	322	1	0.003	AGAT_FAICP		
			B61907	322	323	1	0.001	AGAT_FAICP		
			B61908	323	324	1	0.001	AGAT_FAICP		
			B61909	324	325	1	0.001	AGAT_FAICP		
			B61910	325	326	1	0.002	AGAT_FAICP		
			B61911	326	327	1	0.001	AGAT_FAICP		
			B61913	327	328	1	0.001	AGAT_FAICP		
			B61914	328	329.1	1.1	0.002	AGAT_FAICP		
329.10	329.92	(UMD) UMLAMP Dikey, (LAMPD) UMD - Lamprophyre Dyke	B61915	329.1	329.92	0.82	0.006	AGAT_FAICP		
Dark grey; fcg; well-developed strong XNL texture defined by 5-15cm felsic xenoliths entrained in LAMP material; xenoliths pegmatitic with plagioclase and potassium feldspar and quartz composition; upper contact sharp measured at a30 b330										
329.92	332.34	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	B61916	329.92	331	1.08	0.002	AGAT_FAICP		
Dark grey to grey; fmg; moderately silicified with lcl mm-scale stringers showing moderate SER alt halos; 2 PEGGR veinlets cut unit at 330.60-330.69 and again at 330.78-330.88m; trace amounts of fg dissem GRT 0.25% overall; 12-13% fmg BIO defines unit; 0.25% vffg dissem PY min; sharp lower contact with PEGQG measured with a46 and b332			B61917	331	332.34	1.34	0.007	AGAT_FAICP		
332.34	333.57	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	B61919	332.34	333.57	1.23	0.001	AGAT_FAICP		
Reddish-pink; fcg; strong POT alteration; no sig min; sharp upper and lower contacts measured at a45 b332										
333.57	334.49	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	B61920	333.57	334.49	0.92	0.001	AGAT_FAICP		
Dark grey; fcg; moderately silicified; 12-13% BIO; 2% vffg dissem GRT; few cg 4-10cm PEG-composed XNL towards lower contact; LOL at 333m can't grab beta angles										
334.49	337.80	(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGGR) Granitic Pegmatite (<50% quartz)	B61921	334.49	335.5	1.01	0.001	AGAT_FAICP		
			B61922	335.5	336.5	1	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
Split 80/20 interval composed of 80% melt-textured PEGGR hosting 5% fmg disse/patchy BIO defining mod pgm modifier and 20% BIO-rich FGSBI; overall structure of intervals shows undulating PEG veining in a F2-ish fold appearance; no significant mineralization			B61923	336.5	337.13	0.63	0.001	AGAT_FAICP		
			B61924	337.13	337.8	0.67	0.001	AGAT_FAICP		
337.80	342.07	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	B61925	337.8	339	1.2	0.002	AGAT_FAICP		
Dark grey; fcg; moderate-strong silica overprinting; 1 23cm PEGGR vein with sharp upper and lower contacts measured at a54 b189 and a59 b158 (see veining tab); one folded QV mesured A2 036 plunging 55 with a72 b224; weak-moderately siliceous in and around FOD-A2; 12-13% fmg disse BIO; 2% fg disse GRT min; no sig sulohide mineralization; sharp lower contact measured at a50 b127			B61927	339	340	1	0.001	AGAT_FAICP		
			B61928	340	341	1	0.002	AGAT_FAICP		
			B61929	341	342.07	1.07	0.001	AGAT_FAICP		
						B61930	342.07	342.6	0.53	0.002
342.07	342.60	(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGGR) Granitic Pegmatite (<50% quartz)	Split 60/40 interval composed of melt-textured reddish-pink PEGGR and BIO-rich FGS; blocky core leading to LOL at 342.69; no sig min; sharp upper contact and lower contact but unattainable beta on lower contact							
342.60	343.16	(FGS) Felsic Gneiss Sedimentary, ()	B61931	342.6	343.16	0.56	0.001	AGAT_FAICP		Dark grey; fmg; moderate silicification; no distinct features; few stringers with pot alt halos; no sig min
343.16	343.60	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	B61933	343.16	343.6	0.44	0.001	AGAT_FAICP		Pink to white; fcg; moderate potassic alteration; 5% wispy fmg BIO entrained in vein-material defining PEG texture; LOL makes beta unattainable; no sig min
343.60	348.10	(FGS) Felsic Gneiss Sedimentary, ()	B61934	343.6	344.6	1	0.0005	AGAT_FAICP		Grey to dark grey; fcg; moderate silicification; XNL texture moderately defined by rounded QZ-PEG composition bombs entrained in FGS-matrix; sizes range from 1cm to 10cm; 8% fmg BIO and 3-4% fmg disse GRT min throughout; several wispy randomly oriented/occurring QZ-CB stringers showing weak-moderate SER alt halos; trace fg disse PY min
			B61935	344.6	345.4	0.8	0.002	AGAT_FAICP		
			B61936	345.4	345.92	0.52	0.002	AGAT_FAICP		
			B61937	345.92	347.28	1.36	0.001	AGAT_FAICP		
			B61939	347.28	348.1	0.82	0.001	AGAT_FAICP		
348.10	348.43	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	B61940	348.1	348.43	0.33	0.001	AGAT_FAICP		Green; fmg; weak silicification; trace patchy CL alteration; many mm-scale wispy CB stringers cut unit showing moderate SER alt halos; no distinct features; massive-textured; sharp upper and lower contacts

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
348.43	349.68	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone Dark grey; fcg; moderate silicification; moderate SER alt halos around CB stringers; lcl trace amounts of QZE defined by subrounded cm-sized QZ clasts; 10-12% fmg dissem BIO and 2-3% fmg dissem GRT;	B61941	348.43	349.88	1.45	0.004	AGAT_FAICP		
349.68	350.33	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) Green to dark green; fmg; weak silicification; no sig min or veining; sharp lower contact measured at a66 b117	B61942	349.88	350.22	0.34	0.002	AGAT_FAICP		
350.33	350.57	(FGS) Felsic Gneiss Sedimentary, () Grey to dark grey; fmg; moderate silicification; 12-13% fmg BIO and 2-3% fmg dissem GRT; no sig min; no sig veining; sharp upper and lower contacts	B61943	350.22	350.57	0.35	0.003	AGAT_FAICP		
350.57	351.00	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Pink and white to lclly dark grey/black; fcg; weak selective POT alteration to fcg kspar crystals; 3% fmg wispy BIO; sharp lower contact with FGS	B61944	350.57	351	0.43	0.002	AGAT_FAICP		
351.00	354.00	(FGS) Felsic Gneiss Sedimentary, () Grey to dark grey to grey-green; fmg; moderate silicification; mod-strong SER and POT alt halos around mm-scale CB stringers; few cm-scale QZ-CB stringers showing no sig halos; 1 small lamp dyke at 353.79-353.85m with upper and lower contact a50 b180; 2% fmg dissem GRT; no sig min; EOH=354	B61945	351	352	1	0.006	AGAT_FAICP		
			B61947	352	353	1	0.004	AGAT_FAICP		
			B61948	353	353.5	0.5	0.005	AGAT_FAICP		
			B61949	353.5	354	0.5	0.002	AGAT_FAICP		EOH=354m

Hole ID : RD19-00008

Project : Borden

Drilling Details :

Azimuth : 172.5
 Dip : -45
 Length : 360
 Drill Start : 4-Apr-2019
 Drill Completed : 10-Apr-2019
 Core Size : NQ
 Drill Company : Major
 Oriented Core : No

Location Details :

Easting : 343136
 Northing : 5304447
 Elevation : 430
 UTM Grid : NAD83_UTMZ17N_GPS
 Township : Gamey
 Storage Location : Chapleau Ont

Logging Details :

Logged By : Brad.Clarke
 Logged By 2 : Colt.Meyer
 Log Start : 8-Apr-2019
 Log Completed : 12-Apr-2019
 Re-Logged By :
 Re-Log Start :
 Re-Log Completed :

Comments :

EZShot at 15m and 30m then every 51 m after; multishot entire hole; hexagonal stabilization and full orientation; cuttings containment; van ruth plug left and cap with hole ID; thin overburden and mix of variably heated FGS intervals crosscut by late pegmatitic influx; thick diabase dyke in middle of hole followed by series of pegmatite in FGS intervals; primarily footwall amphibolite from 235 metres down with occasional lamprophyre an diabase dykes; unit ends in FGS; one short FGS garnet interval near EOH; hole lacks significant structures and prospective units; folding is largely pygmatic where noted in amphibolite units and sulphide mineralization is generally weak throughout; brad logged from collar to 180.5 and colt logged from 180.5 to EOH

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	1.50	(OB) Overburden, ()								
1.50	5.05	(FGS) Felsic Gneiss Sedimentary, ()	Z39270	1.5	2	0.5	0.029	AGAT_FAICP		
		Medium to coarse moderately foliated grey FGS with a weak porphyritic texture. Trace to minor diss Py. Medium grained biotite defines foliation. Few fractures locally and few small QVs.	Z39271	2	3	1	0.004	AGAT_FAICP		
			Z39273	3	4	1	0.005	AGAT_FAICP		
			Z39274	4	5	1	0.028	AGAT_FAICP		
5.05	5.24	(UMD) UMLAMP Dikey, (LAMPD) UMD - Lamprophyre Dyke	Z39275	5	5.4	0.4	0.006	AGAT_FAICP		
		Fine to medium grained light green LAMP dyke. No sulfides. Non magnetic. Contains xenoliths.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments								
5.24	6.27	(FGS) Felsic Gneiss Sedimentary, ()	Z39276	5.4	6.27	0.87	0.007	AGAT_FAICP										
Medium to coarse moderately foliated grey FGS with a weak porphyritic texture. Trace to minor diss Py. Medium grained biotite defines foliation. Sharp upper and lower contacts.																		
6.27	6.90	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	Z39277	6.27	6.9	0.63	0.006	AGAT_FAICP										
Coarse grained massive pink and grey PEG vein with coarse biotite. No sulfides.																		
6.90	7.66	(FGS) Felsic Gneiss Sedimentary, ()	Z39279	6.9	7.66	0.76	0.005	AGAT_FAICP										
Medium to coarse moderately foliated grey FGS with a weak porphyritic texture. Trace to minor diss Py. Medium grained biotite defines foliation. Sharp upper and lower contacts.																		
7.66	8.33	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	Z39280	7.66	8.33	0.67	0.005	AGAT_FAICP										
Coarse massive pink and grey PEG vein with coarse biotite. No sulfides.																		
8.33	23.38	(FGS) Felsic Gneiss Sedimentary, ()	Z39281	8.33	9	0.67	0.012	AGAT_FAICP										
Medium to coarse moderately foliated grey FGS with a weak porphyritic texture. Trace to minor diss Py. Medium grained biotite defines foliation. Several PEG/melt patches/dykes within unit. Bio and Amp varies gradually throughout the unit. Sharp upper and lower contacts. Nonmagnetic.																		
											Z39282	9	10	1	0.025	AGAT_FAICP		
											Z39283	10	11	1	0.027	AGAT_FAICP		
											Z39284	11	12	1	0.023	AGAT_FAICP		
											Z39285	12	13	1	0.014	AGAT_FAICP		
											Z39287	13	13.75	0.75	0.02	AGAT_FAICP		
											Z39295	19	20	1	0.02	AGAT_FAICP		
											Z39296	20	21	1	0.015	AGAT_FAICP		
											Z39297	21	22	1	0.01	AGAT_FAICP		
											Z39299	22	23	1	0.009	AGAT_FAICP		
											Z39300	23	23.38	0.38	0.007	AGAT_FAICP		
											Z39288	13.75	14.05	0.3	0.011	AGAT_FAICP		
											Z39289	14.05	15	0.95	0.015	AGAT_FAICP		
											Z39290	15	16	1	0.01	AGAT_FAICP		
Z39291	16	17	1	0.009	AGAT_FAICP													
Z39293	17	18	1	0.061	AGAT_FAICP													
Z39294	18	19	1	0.036	AGAT_FAICP													

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
23.38	25.96	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Coarse massive pink and grey PEG.	Z39301	23.38	24	0.62	0.007	AGAT_FAICP		
			Z39302	24	25	1	0.002	AGAT_FAICP		
			Z39303	25	25.96	0.96	0.002	AGAT_FAICP		
25.96	55.00	(FGS) Felsic Gneiss Sedimentary, () Medium to coarse moderately foliated grey FGS with a weak porphyritic texture. Trace to minor diss Py. Medium grained biotite defines foliation. Fractures and few QVs locally.	Z39304	25.96	27	1.04	0.026	AGAT_FAICP		
			Z39305	27	28	1	0.018	AGAT_FAICP		
			Z39307	28	29	1	0.025	AGAT_FAICP		
			Z39308	29	30	1	0.008	AGAT_FAICP		
			Z39309	30	31	1	0.008	AGAT_FAICP		
			Z39310	31	32	1	0.01	AGAT_FAICP		
			Z39333	50	51	1	0.014	AGAT_FAICP		
			Z39334	51	52	1	0.011	AGAT_FAICP		
			Z39335	52	53	1	0.011	AGAT_FAICP		
			Z39336	53	54	1	0.386	AGAT_FAICP		
			Z39337	54	55	1	0.049	AGAT_FAICP		
			Z39325	44	45	1	0.006	AGAT_FAICP		
			Z39327	45	46	1	0.005	AGAT_FAICP		
			Z39328	46	47	1	0.052	AGAT_FAICP		
			Z39329	47	48	1	0.018	AGAT_FAICP		
			Z39330	48	49	1	0.015	AGAT_FAICP		
			Z39331	49	50	1	0.01	AGAT_FAICP		
Z39319	38	39	1	0.008	AGAT_FAICP					
Z39320	39	40	1	0.012	AGAT_FAICP					
Z39321	40	41	1	0.028	AGAT_FAICP					
Z39322	41	42	1	0.197	AGAT_FAICP					
Z39323	42	43	1	0.002	AGAT_FAICP					
Z39324	43	44	1	0.004	AGAT_FAICP					
Z39311	32	33	1	0.016	AGAT_FAICP					
Z39313	33	34	1	0.044	AGAT_FAICP					
Z39314	34	35	1	0.032	AGAT_FAICP					
Z39315	35	36	1	0.015	AGAT_FAICP					
Z39316	36	37	1	0.008	AGAT_FAICP					
Z39317	37	38	1	0.011	AGAT_FAICP					

55.00 56.20 (UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Fine to medium grained dark grey magnetic LAMP with altered contacts and small xenoliths. No sulfides.	Z39339	55	56.2	1.2	0.006	AGAT_FAICP		
56.20	57.88	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	Z39340	56.2	57	0.8	0.006	AGAT_FAICP		
		Massive coarse pink and grey PEG. Very coarse biotite within vein. No sulfides.	Z39341	57	57.88	0.88	0.006	AGAT_FAICP		
57.88	66.32	(FGS) Felsic Gneiss Sedimentary, ()	Z39342	57.88	59	1.12	0.012	AGAT_FAICP		
		Medium to coarse moderately foliated grey FGS with a weak porphyritic texture. Trace to minor diss Py. Medium grained biotite defines foliation. Several small melt/PEG patches/veins. Numerous small random qtz carb veinlets. Several fractures observed with weak alteration halos.	Z39343	59	60	1	0.011	AGAT_FAICP		
			Z39344	60	61	1	0.015	AGAT_FAICP		
			Z39345	61	62	1	0.022	AGAT_FAICP		
			Z39347	62	63	1	0.011	AGAT_FAICP		
			Z39348	63	64	1	0.008	AGAT_FAICP		
			Z39349	64	65	1	0.007	AGAT_FAICP		
			Z39350	65	66.32	1.32	0.005	AGAT_FAICP		
66.32	68.90	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	Z39351	66.32	67	0.68	0.001	AGAT_FAICP		
		Massive coarse pink and grey PEG vein with coarse biotites. No sulfides.	Z39353	67	68	1	0.001	AGAT_FAICP		
			Z39354	68	68.9	0.9	0.005	AGAT_FAICP		
68.90	75.85	(FGS) Felsic Gneiss Sedimentary, ()	Z39355	68.9	70	1.1	0.011	AGAT_FAICP		
		Medium to coarse moderately foliated grey FGS with a weak porphyritic texture. Trace to minor diss Py. Medium grained biotite defines foliation. Several local PEG/melt veins/patches. Several small qtz carb veinlets with weak alteration halos.	Z39356	70	71	1	0.008	AGAT_FAICP		
			Z39357	71	72	1	0.009	AGAT_FAICP		
			Z39359	72	73	1	0.005	AGAT_FAICP		
			Z39360	73	74	1	0.002	AGAT_FAICP		
			Z39361	74	75	1	0.004	AGAT_FAICP		
			Z39362	75	75.85	0.85	0.011	AGAT_FAICP		
75.85	77.20	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	Z39363	75.85	77.2	1.35	0.003	AGAT_FAICP		
		Fine grained magnetic dark grey LAMP with xenoliths and carbonate spots. No sulfides.								

77.20 **105.20** **(FGS) Felsic Gneiss Sedimentary, ()**

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments	
Medium to coarse moderately foliated grey FGS with a weak porphyritic texture. Trace to minor diss Py. Medium grained biotite defines foliation. Several local PEG/melt veins/patches. Several small qtz carb veinlets with weak alteration halos.			Z39364	77.2	78	0.8	0.006	AGAT_FAICP			
			Z39365	78	79	1	0.014	AGAT_FAICP			
			Z39367	79	80	1	0.022	AGAT_FAICP			
			Z39368	80	81	1	0.022	AGAT_FAICP			
			Z39369	81	82	1	0.019	AGAT_FAICP			
			Z39370	82	83	1	0.028	AGAT_FAICP			
			Z39393	101	102	1	0.052	AGAT_FAICP			
			Z39394	102	103	1	0.075	AGAT_FAICP			
			Z39395	103	104	1	0.036	AGAT_FAICP			
			Z39396	104	105.2	1.2	0.052	AGAT_FAICP			
			Z39385	95	96	1	0.032	AGAT_FAICP			
			Z39387	96	97	1	0.017	AGAT_FAICP			
			Z39388	97	98	1	0.035	AGAT_FAICP			
			Z39389	98	99	1	0.057	AGAT_FAICP			
			Z39390	99	100	1	0.037	AGAT_FAICP			
			Z39391	100	101	1	0.036	AGAT_FAICP			
			Z39379	89	90	1	0.015	AGAT_FAICP			
			Z39380	90	91	1	0.025	AGAT_FAICP			
			Z39381	91	92	1	0.069	AGAT_FAICP			
			Z39382	92	93	1	0.121	AGAT_FAICP			
			Z39383	93	94	1	0.02	AGAT_FAICP			
			Z39384	94	95	1	0.069	AGAT_FAICP			
			Z39371	83	84	1	0.011	AGAT_FAICP			
			Z39373	84	85	1	0.016	AGAT_FAICP			
			Z39374	85	86	1	0.013	AGAT_FAICP			
			Z39375	86	87	1	0.027	AGAT_FAICP			
			Z39376	87	88	1	0.017	AGAT_FAICP			
	105.20	107.70	(AMP) Amphibolite, ()	Z39397	105.2	106	0.8	0.024	AGAT_FAICP		
	Fine to medium grained strongly foliated compositionally banded green and grey AMP unit. Tight folding and crenulation observed within the unit but no orientation line available due to spins and blocky rock. Axial plane of folds appear to be parallel to S1. Irregular sharp upper and lower contact. Trace sulfides.			Z39399	106	107	1	0.027	AGAT_FAICP		
			Z39400	107	107.7	0.7	0.048	AGAT_FAICP			
107.70	109.35	(FGS) Felsic Gneiss Sedimentary, ()	Z39401	107.7	109.2	1.5	0.045	AGAT_FAICP			
Fine to coarse moderately foliated grey FGS with a weak porphyritic texture. Trace to minor											

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
diss Py. Medium grained biotite defines foliation. Several small qtz carb veinlets with weak alteration halos. Irregular contacts with AMP units above and below.										
109.35	114.10	(AMP) Amphibolite, ()	Z39402	109.2	110	0.8	0.048	AGAT_FAICP		
Fine to medium grained strongly foliated compositionally banded green and grey AMP unit. Tight folding observed within the unit but no orientation line available due to spins and blocky rock. White qtz carb vein and veinlets throughout the AMP unit are observed to be folded and parallel to foliation. Irregular sharp upper and lower contact. Trace sulfides.			Z39403	110	111	1	0.013	AGAT_FAICP		
			Z39404	111	112	1	0.027	AGAT_FAICP		
			Z39405	112	113	1	0.016	AGAT_FAICP		
			Z39407	113	114.1	1.1	0.004	AGAT_FAICP		
114.10	116.18	(DIA) Diabase Dike, ()	Z39408	114.1	115	0.9	0.012	AGAT_FAICP		
Massive fine to medium grained magnetic Diabase dyke. Sharp upper and lower contacts. No sulfides. Numerous random and conjugate dark grey/black veinlets/fractures throughout.			Z39409	115	116.18	1.18	0.013	AGAT_FAICP		
116.18	116.77	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	Z39410	116.18	116.77	0.59	0.002	AGAT_FAICP		
Fine to medium grained massive magnetic dark grey/dark brown LAMP dykes with carbonate spots and veinlets.										
116.77	116.84	(DIA) Diabase Dike, ()								
Massive fine to medium grained magnetic Diabase dyke. Sharp upper and lower contacts. No sulfides. Numerous random and conjugate dark grey/black veinlets/fractures throughout.										
116.84	117.26	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	Z39411	116.77	117.26	0.49	0.002	AGAT_FAICP		
Fine to medium grained massive magnetic dark grey/dark brown LAMP dykes with carbonate spots and veinlets.										
117.26	117.80	(DIA) Diabase Dike, ()	Z39413	117.26	117.8	0.54	0.004	AGAT_FAICP		
Massive fine to medium grained magnetic Diabase dyke. Sharp upper and lower contacts. No sulfides. Numerous random and conjugate dark grey/black veinlets/fractures throughout.										
117.80	119.00	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	Z39414	117.8	119	1.2	0.01	AGAT_FAICP		
Fine to medium grained massive magnetic dark grey/dark brown LAMP dykes with carbonate spots and veinlets.										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
119.00	119.80	(DIA) Diabase Dike, ()	Z39415	119	119.8	0.8	0.695	AGAT_FAICP		Massive fine to medium grained magnetic Diabase dyke. Sharp upper and lower contacts. No sulfides. Numerous random and conjugate dark grey/black veinlets/fractures throughout.
119.80	124.92	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	Z39416	119.8	121	1.2	0.011	AGAT_FAICP		Fine to medium grained massive magnetic dark grey/dark brown LAMP dykes with carbonate spots and veinlets.
			Z39417	121	122	1	0.011	AGAT_FAICP		
			Z39419	122	123	1	0.004	AGAT_FAICP		
			Z39420	123	124	1	0.007	AGAT_FAICP		
			Z39421	124	124.92	0.92	0.004	AGAT_FAICP		
124.92	125.76	(DIA) Diabase Dike, ()	Z39422	124.92	126	1.08	0.014	AGAT_FAICP		Massive medium grained magnetic Diabase dyke. Sharp upper and lower contacts. No sulfides. Numerous random and conjugate dark grey/black veinlets/fractures throughout.
125.76	125.91	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke								Fine to medium grained massive magnetic dark grey/dark brown LAMP dykes with carbonate spots and veinlets.
125.91	127.06	(DIA) Diabase Dike, ()	Z39423	126	127	1	0.007	AGAT_FAICP		Massive fine to medium grained magnetic Diabase dyke. Sharp upper and lower contacts. No sulfides. Numerous random and conjugate dark grey/black veinlets/fractures throughout.
127.06	127.21	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke								Fine to medium grained massive magnetic dark grey/dark brown LAMP dykes with carbonate spots and veinlets.
127.21	128.68	(DIA) Diabase Dike, ()	Z39424	127	128	1	0.004	AGAT_FAICP		Massive fine to medium grained magnetic Diabase dyke. Sharp upper and lower contacts. No sulfides. Numerous random and conjugate dark grey/black veinlets/fractures throughout. Few small LAMP dykes within.
			Z39425	128	129	1	0.004	AGAT_FAICP		
128.68	129.00	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke								Fine to medium grained massive magnetic dark grey/dark brown LAMP dykes with carbonate spots and veinlets.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
129.00	130.10	(DIA) Diabase Dike, ()	Z39427	129	130.1	1.1	0.004	AGAT_FAICP		Massive fine to medium grained magnetic Diabase dyke. Sharp upper and lower contacts. No sulfides. Numerous random and conjugate dark grey/black veinlets/fractures throughout.
130.10	130.70	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	Z39428	130.1	130.7	0.6	0.003	AGAT_FAICP		Fine to medium grained massive magnetic dark grey/dark brown LAMP dykes with carbonate spots and veinlets.
130.70	133.80	(DIA) Diabase Dike, ()	Z39429	130.7	132	1.3	0.004	AGAT_FAICP		Massive fine to medium grained magnetic Diabase dyke. Sharp upper and lower contacts. No sulfides. Numerous random and conjugate dark grey/black veinlets/fractures throughout.
			Z39430	132	133	1	0.011	AGAT_FAICP		
			Z39431	133	133.8	0.8	0.007	AGAT_FAICP		
133.80	135.50	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	Z39433	133.8	135	1.2	0.005	AGAT_FAICP		Fine to medium grained massive magnetic dark grey/dark brown LAMP dykes with carbonate spots and veinlets.
			Z39434	135	135.5	0.5	0.005	AGAT_FAICP		
135.50	139.00	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	Z39435	135.5	136	0.5	0.002	AGAT_FAICP		Coarse grained massive pink and grey PEG vein with coarse biotite observed locally. No sulfides observed.
			Z39436	136	137	1	0.0005	AGAT_FAICP		
			Z39437	137	138	1	0.001	AGAT_FAICP		
			Z39439	138	139	1	0.002	AGAT_FAICP		
139.00	150.57	(AMP) Amphibolite, ()	Z39440	139	140	1	0.002	AGAT_FAICP		Fine to medium grained moderately foliated green AMP unit. Weak porphyritic texture observed locally. Tight folding/crenulation is observed locally. Few deformed small QVs parallel to foliation observed. Regular sharp contacts. No sulfides observed. Numerous small qtzcarb veinlets observed with weak alteration halos (bleach/carbonate).
			Z39441	140	141	1	0.0005	AGAT_FAICP		
			Z39442	141	142	1	0.068	AGAT_FAICP		
			Z39443	142	143	1	0.062	AGAT_FAICP		
			Z39444	143	144	1	0.004	AGAT_FAICP		
			Z39445	144	145	1	0.002	AGAT_FAICP		
			Z39447	145	146	1	0.019	AGAT_FAICP		
			Z39448	146	147	1	0.002	AGAT_FAICP		
			Z39449	147	148	1	0.003	AGAT_FAICP		
			Z39450	148	149	1	0.004	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			Z39451	149	150	1	0.004	AGAT_FAICP		
			Z39453	150	150.6	0.6	0.001	AGAT_FAICP		
150.57	152.10	(DIA) Diabase Dike, ()	Z39454	150.6	152.1	1.5	0.004	AGAT_FAICP		Massive fine to medium grained magnetic Diabase dyke. Sharp upper and lower contacts. No sulfides.
152.10	167.61	(AMP) Amphibolite, ()	Z39455	152.1	153	0.9	0.001	AGAT_FAICP		Fine to coarse grained moderately foliated compositionally banded green AMP unit. Weak to strong porphyritic texture observed locally. Regular sharp contacts. No sulfides observed. Numerous small qtzcarb veinlets observed with weak alteration halos (bleach/carbonate). Compositional and grain size variation observed gradually within the unit.
			Z39456	153	154	1	0.008	AGAT_FAICP		
			Z39457	154	155	1	0.002	AGAT_FAICP		
			Z39459	155	156	1	0.002	AGAT_FAICP		
			Z39460	156	157	1	0.004	AGAT_FAICP		
			Z39461	157	158	1	0.012	AGAT_FAICP		
			Z39469	164	165	1	0.002	AGAT_FAICP		
			Z39470	165	166	1	0.003	AGAT_FAICP		
			Z39471	166	167	1	0.142	AGAT_FAICP		
			Z39473	167	167.61	0.61	0.115	AGAT_FAICP		
			Z39462	158	159	1	0.004	AGAT_FAICP		
			Z39463	159	160	1	0.005	AGAT_FAICP		
			Z39464	160	161	1	0.003	AGAT_FAICP		
			Z39465	161	162	1	0.003	AGAT_FAICP		
			Z39467	162	163	1	0.003	AGAT_FAICP		
			Z39468	163	164	1	0.011	AGAT_FAICP		
167.61	168.67	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	Z39474	167.61	168.67	1.06	0.171	AGAT_FAICP		Coarse massive pink and grey PEG vein. No sulfides.
168.67	180.50	(AMP) Amphibolite, ()	Z39475	168.67	170	1.33	0.007	AGAT_FAICP		Fine to coarse grained moderately foliated compositionally banded green AMP unit. Weak to strong porphyritic texture observed locally. Regular sharp contacts. No sulfides observed. Numerous small qtzcarb veinlets observed with weak alteration halos (bleach/carbonate). Compositional and grain size variation observed gradually within the unit.
			Z39476	170	171	1	0.113	AGAT_FAICP		
			Z39477	171	172	1	0.031	AGAT_FAICP		
			Z39479	172	173	1	0.035	AGAT_FAICP		
			Z39480	173	174	1	0.178	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			Z39481	174	175.48	1.48	0.05	AGAT_FAICP		
			Z39482	175.48	176.5	1.02	0.025	AGAT_FAICP		
			Z39483	176.5	178	1.5	0.196	AGAT_FAICP		
			Z39484	178	179.5	1.5	0.078	AGAT_FAICP		
			Z39485	179.5	180.5	1	0.01	AGAT_FAICP		
180.50	183.42	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	Z39487	180.5	181.07	0.57	0.019	AGAT_FAICP		
		coarse-grained dark grey quartz-feldspar-biotite unit with weak sericitic alteration haloes on crosscutting hairline quartz-carbonate veinlets and zones of increased intermittent quartz banding as evidence of localized low-temperature heating; small ultramafic dykelet from 182.72 to 182.74 metres depth with an alpha beta angle of 37-276	Z39488	181.07	182	0.93	0.023	AGAT_FAICP		
			Z39489	182	183.42	1.42	0.012	AGAT_FAICP		
183.42	183.80	(QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated	Z39490	183.42	183.8	0.38	0.043	AGAT_FAICP		
		pink and grey coarse to very coarse-grained quartzofeldspathic melt band with moderate wallrock incorporation and wavy undulating contacts								
183.80	191.95	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	Z39491	183.8	185	1.2	0.074	AGAT_FAICP		
		medium to coarse-grained moderately to strongly foliated quartz-feldspar-biotite unit with intermittent quartz melt bands and fluctuations in biotite abundance; sporadic moderate sericitic alteration haloes around quartz-carbonate veinlets	Z39493	185	186.5	1.5	0.025	AGAT_FAICP		
			Z39494	186.5	188	1.5	0.003	AGAT_FAICP		
			Z39495	188	189.5	1.5	0.028	AGAT_FAICP		
			Z39496	189.5	191	1.5	0.006	AGAT_FAICP		
			Z39497	191	191.95	0.95	0.005	AGAT_FAICP		
191.95	192.93	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	Z39499	191.95	192.93	0.98	0.004	AGAT_FAICP		
		coarse to very coarse-grained pegmatitic quartzofeldspathic melt with incorporated bands of biotite-rich FGS wallrock; unit transitions from quartz-dominant groundmass with floating feldspars to feldspar-dominant groundmass with blotchy quartz								
192.93	199.11	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	Z39500	192.93	194	1.07	0.005	AGAT_FAICP		
		medium to coarse-grained grey quartz-feldspar-biotite unit with very strong foliation defined by alternating quartz-feldspar and biotite bands; small quartzose melt patches and coarse quartz-carbonate stringers with strong sericitic and weak to moderate potassic alteration haloes meander across unit at low angle to core long axis	Z39501	194	195.5	1.5	0.004	AGAT_FAICP		
			Z39502	195.5	196.51	1.01	0.005	AGAT_FAICP		
			Z39503	196.51	198	1.49	0.004	AGAT_FAICP		
			Z39504	198	199.11	1.11	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
199.11	200.21	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	Z39505	199.11	200.21	1.1	0.003	AGAT_FAICP		very coarse-grained deep pink granitic pegmatite composed of pink feldspars and very minor quartz while lower half of unit is marked by intermittent thick bands of incorporated biotite-rich wallrock
200.21	210.77	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	Z39507	200.21	201.3	1.09	0.002	AGAT_FAICP		dark grey heated quartz-feldspar-biotite unit with alternating thin biotite and quartz-feldspar bands defined by evidential low-temperature heating; bands are wavy and undulating to pygmatic with loss of consistency in orientation as compared to previous FGS intervals; wide patches of quartz-rich melt from 207.58 to 208.4 m and from 210.3 to 210.77 m depth; these melt zones are characterized by patchy to banded quartz groundmass with incorporated biotite-rich wallrock and greenish alteration patches; strong potassic and sericitic alteration haloes on quartz-carbonate veins near upper contact along with weaker haloes on quartz-carbonate veinlets throughout rest of unit; core is oriented but no reliable beta measurement due to irregular PEG contact
			Z39508	201.3	202	0.7	0.002	AGAT_FAICP		
			Z39509	202	203.5	1.5	0.002	AGAT_FAICP		
			Z39510	203.5	205	1.5	0.004	AGAT_FAICP		
			Z39511	205	206.5	1.5	0.005	AGAT_FAICP		
			Z39513	206.5	207.58	1.08	0.002	AGAT_FAICP		
			Z39514	207.58	209	1.42	0.003	AGAT_FAICP		
			Z39515	209	210.3	1.3	0.004	AGAT_FAICP		
			Z39516	210.3	210.77	0.47	0.058	AGAT_FAICP		
210.77	211.17	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	Z39517	210.77	211.17	0.4	0.004	AGAT_FAICP		black massive very fine to fine-grained carbonate-phenocrystic intrusive lamprophyre dyke with knife-sharp contacts
211.17	215.60	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	Z39519	211.17	212	0.83	0.019	AGAT_FAICP		medium to coarse-grained banded reheated quartz-feldspar-biotite unit with patchy quartz melt; unit is intensely replaced by massive pink and grey potassic and sericitic alteration from 213.73 m depth to the lower contact
			Z39520	212	213	1	0.01	AGAT_FAICP		
			Z39521	213	213.73	0.73	0.004	AGAT_FAICP		
			Z39522	213.73	214.83	1.1	0.003	AGAT_FAICP		
			Z39523	214.83	215.6	0.77	0.003	AGAT_FAICP		
215.60	222.90	(AMP) Amphibolite, ()	Z39524	215.6	217	1.4	0.006	AGAT_FAICP		fine to medium-grained dark green amphibolite unit with characteristics similar to footwall; amphibole-rich matrix and sections of banding characterized by relict clinopyroxene-rich patches and small pockets of white leucosomatic partial melt; patchy almandine garnet porphyroblasts in places and grey quartz veinlets throughout unit; occasional sericitic alteration bands; no alpha beta at upper contact due to alteration overprinting
			Z39525	217	218	1	0.007	AGAT_FAICP		
			Z39527	218	219.5	1.5	0.007	AGAT_FAICP		
			Z39528	219.5	221	1.5	0.005	AGAT_FAICP		
			Z39529	221	222	1	0.004	AGAT_FAICP		
			Z39530	222	222.9	0.9	0.004	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
222.90	235.11	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone medium to coarse-grained mid to dark grey quartz-feldspar-biotite unit with moderate to strong banding defined by alternating biotite and quartz-feldspar dominant layers; patchy quartz melt and intermittent moderate to strong potassic and sericitic alteration haloes on quartz-carbonate veinlets; very minor disseminated pyrite in places	Z39531	222.9	224	1.1	0.003	AGAT_FAICP		
			Z39533	224	225.5	1.5	0.004	AGAT_FAICP		
			Z39534	225.5	227	1.5	0.004	AGAT_FAICP		
			Z39535	227	228.5	1.5	0.007	AGAT_FAICP		
			Z39536	228.5	230	1.5	0.011	AGAT_FAICP		
			Z39537	230	231.5	1.5	0.006	AGAT_FAICP		
			Z39539	231.5	233	1.5	0.006	AGAT_FAICP		
			Z39540	233	234	1	0.006	AGAT_FAICP		
			Z39541	234	235.11	1.11	0.002	AGAT_FAICP		
235.11	235.84	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke fine to medium-grained grey and black massive ultramafic lamprophyre dyke with abundant carbonate phenocrysts and sharp greenish sericitized and chloritized contacts with surrounding units	Z39542	235.11	235.84	0.73	0.001	AGAT_FAICP		
235.84	236.96	(AMP) Amphibolite, () grey and green medium-grained undifferentiated amphibolite with altered area near upper contact consisting of crosscutting chloritic-sericitic-potassic bands	Z39543	235.84	236.96	1.12	0.003	AGAT_FAICP		
236.96	246.73	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone mid to dark grey medium to coarse-grained quartz-feldspar-biotite unit with moderate to strong foliation defined by alternating quartz-feldspar and biotite bands; abundant crosscutting sericitized quartz-carbonate veinlets and patchy to banded zones of silicification and speckled leucosomatic partial melt	Z39544	236.96	238	1.04	0.004	AGAT_FAICP		
			Z39545	238	239.5	1.5	0.003	AGAT_FAICP		
			Z39547	239.5	240.66	1.16	0.002	AGAT_FAICP		
			Z39548	240.66	242	1.34	0.002	AGAT_FAICP		
			Z39549	242	243	1	0.006	AGAT_FAICP		
			Z39550	243	244.5	1.5	0.003	AGAT_FAICP		
			Z39551	244.5	246	1.5	0.005	AGAT_FAICP		
			Z39553	246	246.73	0.73	0.003	AGAT_FAICP		
246.73	254.65	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite fine to medium-grained dark green footwall amphibolite characterized by patchy almandine porphyroblasts and alternating light and dark green bands that are clinopyroxene and amphibole rich respectively; small grey intermittent quartz veinlets and sporadic sericitic alteration bands	Z39554	246.73	248.2	1.47	0.002	AGAT_FAICP		
			Z39555	248.2	249.21	1.01	0.003	AGAT_FAICP		
			Z39556	249.21	250.47	1.26	0.003	AGAT_FAICP		
			Z39557	250.47	251	0.53	0.004	AGAT_FAICP		
			Z39559	251	252	1	0.004	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			Z39560	252	253.5	1.5	0.002	AGAT_FAICP		
			Z39561	253.5	254.65	1.15	0.003	AGAT_FAICP		
254.65	256.41	(DIA) Diabase Dike, ()	Z39562	254.65	255.7	1.05	0.022	AGAT_FAICP		
		very fine-grained massive dark grey intrusive diabase dyke with knife-sharp unaltered contacts	Z39563	255.7	256.41	0.71	0.004	AGAT_FAICP		
256.41	277.59	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	Z39564	256.41	257	0.59	0.003	AGAT_FAICP		
		medium-grained green weakly to moderately-banded footwall amphibolite unit with intermittent greyish quartz bands and veinlets as well as patchy almandine garnet porphyroblasts; intense sericitic and potassic alteration overprinting from 264.44 m to 265.3 m depth	Z39565	257	258.5	1.5	0.006	AGAT_FAICP		
			Z39567	258.5	260	1.5	0.015	AGAT_FAICP		
			Z39568	260	260.4	0.4	0.004	AGAT_FAICP		
			Z39569	260.4	260.83	0.43	0.003	AGAT_FAICP		
			Z39570	260.83	262	1.17	0.002	AGAT_FAICP		
			Z39579	269	270.5	1.5	0.004	AGAT_FAICP		
			Z39580	270.5	272	1.5	0.003	AGAT_FAICP		
			Z39581	272	273.5	1.5	0.002	AGAT_FAICP		
			Z39582	273.5	275	1.5	0.007	AGAT_FAICP		
			Z39583	275	276.5	1.5	0.004	AGAT_FAICP		
			Z39584	276.5	277.59	1.09	0.003	AGAT_FAICP		
			Z39571	262	263.5	1.5	0.004	AGAT_FAICP		
			Z39573	263.5	264.44	0.94	0.005	AGAT_FAICP		
			Z39574	264.44	265.31	0.87	0.009	AGAT_FAICP		
			Z39575	265.31	266	0.69	0.025	AGAT_FAICP		
			Z39576	266	267.5	1.5	0.015	AGAT_FAICP		
			Z39577	267.5	269	1.5	0.004	AGAT_FAICP		
277.59	278.14	(QV) Quartz Vein, (QZVT2) Massive quartz vein	Z39585	277.59	278.14	0.55	0.002	AGAT_FAICP		
		barren milky white massive quartz vein with sharp contacts								
278.14	309.18	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	Z39587	278.14	279.5	1.36	0.004	AGAT_FAICP		
		medium-grained green weakly to moderately-banded footwall amphibolite unit with intermittent greyish quartz bands and veinlets as well as patchy almandine garnet porphyroblasts; intense intermittent sericitic and potassic alteration overprinting	Z39588	279.5	281	1.5	0.006	AGAT_FAICP		
			Z39589	281	282.5	1.5	0.004	AGAT_FAICP		
			Z39590	282.5	284	1.5	0.006	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			Z39591	284	285.5	1.5	0.002	AGAT_FAICP		
			Z39593	285.5	287	1.5	0.002	AGAT_FAICP		
			Z39608	305	306	1	0.003	AGAT_FAICP		
			Z39609	306	307	1	0.005	AGAT_FAICP		
			Z39610	307	308	1	0.002	AGAT_FAICP		
			Z39611	308	309.18	1.18	0.003	AGAT_FAICP		
			Z39601	296	297.5	1.5	0.003	AGAT_FAICP		
			Z39602	297.5	299	1.5	0.002	AGAT_FAICP		
			Z39603	299	300.5	1.5	0.002	AGAT_FAICP		
			Z39604	300.5	302	1.5	0.002	AGAT_FAICP		
			Z39605	302	303.5	1.5	0.015	AGAT_FAICP		
			Z39607	303.5	305	1.5	0.004	AGAT_FAICP		
			Z39594	287	288.5	1.5	0.002	AGAT_FAICP		
			Z39595	288.5	290	1.5	0.004	AGAT_FAICP		
			Z39596	290	291.5	1.5	0.002	AGAT_FAICP		
			Z39597	291.5	293	1.5	0.004	AGAT_FAICP		
			Z39599	293	294.5	1.5	0.003	AGAT_FAICP		
			Z39600	294.5	296	1.5	0.003	AGAT_FAICP		
309.18	314.00	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	Z39613	309.18	310	0.82	0.066	AGAT_FAICP		
		pink and grey coarse to very coarse-grained muddy discoloured quartz-rich granitic pegmatite; sharp contacts with surrounding units and small lamprophyre dykelet from 313.28 m to 313.37 m depth with an alpha beta of 58-324	Z39614	310	311.5	1.5	0.005	AGAT_FAICP		
			Z39615	311.5	313	1.5	0.003	AGAT_FAICP		
			Z39616	313	313.37	0.37	0.008	AGAT_FAICP		
			Z39617	313.37	314	0.63	0.01	AGAT_FAICP		
314.00	327.34	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	Z39619	314	315.5	1.5	0.004	AGAT_FAICP		
		medium-grained green moderate to strongly-banded footwall amphibolite unit with intermittent greyish quartz veinlets and veinlets and coarse patches of almandine garnet porphyroblasts; intense sericitic and potassic alteration at lower contact and occasional cloudy patches of opaque white leucosome; two small diabase dykelets from 317.55 m to 317.66 m depth and from 326.23 m to 326.4 m depth; strong patch of webby anastomosing pyrite mineralization from 316.57 to 317.3 metres depth	Z39620	315.5	316.6	1.1	0.003	AGAT_FAICP		
			Z39621	316.6	317.33	0.73	0.035	AGAT_FAICP		
			Z39622	317.33	317.66	0.33	0.003	AGAT_FAICP		
			Z39623	317.66	319	1.34	0.003	AGAT_FAICP		
			Z39624	319	320.5	1.5	0.003	AGAT_FAICP		
			Z39625	320.5	322	1.5	0.004	AGAT_FAICP		
			Z39627	322	323.5	1.5	0.005	AGAT_FAICP		
			Z39628	323.5	325	1.5	0.004	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			Z39629	325	326.14	1.14	0.003	AGAT_FAICP		
			Z39630	326.14	326.44	0.3	0.004	AGAT_FAICP		
			Z39631	326.44	327.34	0.9	0.024	AGAT_FAICP		
327.34	329.85	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	Z39633	327.34	328	0.66	0.0005	AGAT_FAICP		
		greyish pink watery discoloured quartz-rich granitic pegmatite with sharp contacts and patchy biotite clusters; section of watery yellowish grey quartz; no beta angle due to undulating wavy irregular upper contact with high angle to core long axis	Z39634	328	329	1	0.001	AGAT_FAICP		
			Z39635	329	329.85	0.85	0.002	AGAT_FAICP		
329.85	342.37	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	Z39636	329.85	331	1.15	0.007	AGAT_FAICP		
		fine to medium-grained green moderate to strongly-banded footwall amphibolite unit with intermittent greyish quartz veinlets and veinlets and coarse patches of almandine garnet porphyroblasts; occasional cloudy patches and bands of opaque white leucosome; lower contact marked by 20 cm of greyish quartz and leucosomatic partial melt	Z39637	331	332.5	1.5	0.042	AGAT_FAICP		
			Z39639	332.5	334	1.5	0.01	AGAT_FAICP		
			Z39640	334	335.5	1.5	0.005	AGAT_FAICP		
			Z39641	335.5	337	1.5	0.013	AGAT_FAICP		
			Z39642	337	338.5	1.5	0.004	AGAT_FAICP		
			Z39643	338.5	340	1.5	0.011	AGAT_FAICP		
			Z39644	340	341.5	1.5	0.005	AGAT_FAICP		
			Z39645	341.5	342.37	0.87	0.004	AGAT_FAICP		
342.37	343.62	(DIA) Diabase Dike, ()	Z39647	342.37	343.62	1.25	0.002	AGAT_FAICP		
		dark grey to black massive unaltered intrusive diabase dyke with sharp contacts; no beta angle due to high alpha								
343.62	351.14	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	Z39648	343.62	345	1.38	0.004	AGAT_FAICP		
		medium-grained green moderate to strongly-banded footwall amphibolite unit with intermittent greyish quartz veinlets and veinlets and coarse patches of almandine garnet porphyroblasts; occasional cloudy patches of opaque white leucosome	Z39649	345	346.5	1.5	0.003	AGAT_FAICP		
			Z39650	346.5	348	1.5	0.006	AGAT_FAICP		
			Z39651	348	349.5	1.5	0.005	AGAT_FAICP		
			Z39653	349.5	350.52	1.02	0.013	AGAT_FAICP		
			Z39654	350.52	351.14	0.62	0.006	AGAT_FAICP		
351.14	351.49	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	Z39655	351.14	351.49	0.35	0.002	AGAT_FAICP		
		fine to medium-grained carbonate-phenocrystic massive black intrusive lamprophyre dyke with sharp contacts								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
351.49	352.98	(AMP, UMD) Amphibolite, UMLAMP Dike, (AMPFW) Footwall Amphibolite fine to medium-grained green footwall amphibolite with patchy coarse almandine garnet porphyroblasts and small bespeckled white leucosomatic melt; some moderate banding apparent and ultramafic lamprophyre dyke shown above in lithology 2 is from 352.08 to 352.34 metres depth	Z39656	351.49	352	0.51	0.003	AGAT_FAICP		
			Z39657	352	352.35	0.35	0.003	AGAT_FAICP		
			Z39659	352.35	352.98	0.63	0.009	AGAT_FAICP		
352.98	354.65	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone medium to coarse-grained silicified quartz-feldspar-biotite unit rich in coarse patches of almandine garnet porphyroblasts; sericitic alteration envelopes on intermittent quartz-carbonate veinlets	Z39660	352.98	354	1.02	0.002	AGAT_FAICP		
			Z39661	354	354.65	0.65	0.008	AGAT_FAICP		
354.65	355.93	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite green and grey moderately banded footwall amphibolite with patchy almandine garnet near upper contact and patchy speckled white leucosomatic melt throughout	Z39662	354.65	355.93	1.28	0.021	AGAT_FAICP		
355.93	356.91	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone medium-grained mid-grey quartz-feldspar-biotite unit with weak sericitic and potassic alteration haloes on hairline quartz-carbonate veinlets; grain size increase and equigranular pink and grey groundmass near lower contact with UMD	Z39663	355.93	356.91	0.98	0.005	AGAT_FAICP		
356.91	357.34	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke fine to medium-grained intrusive massive black lamprophyre dykelet with thick sericitized contacts and abundant coarse to very coarse carbonate phenocrysts; several separate pulses visible within dykelet	Z39664	356.91	357.34	0.43	0.018	AGAT_FAICP		
357.34	360.00	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone medium to coarse-grained grey quartz-feldspar-biotite unit with areas of weak to moderate banding and intermittent quartz melt bands and patches containing almandine garnet porphyroblasts in some cases; trace sericitic alteration on crosscutting quartz-carbonate veinlets; EOH at 360 metres depth	Z39665	357.34	358.5	1.16	0.004	AGAT_FAICP		
			Z39667	358.5	360	1.5	0.003	AGAT_FAICP		EOH at 360 metres depth

Hole ID : RD19-00009

Project : Borden

Drilling Details :

Azimuth : 170
 Dip : -44
 Length : 354
 Drill Start : 29-Mar-2019
 Drill Completed : 8-Apr-2019
 Core Size : NQ
 Drill Company : Major
 Oriented Core : No

Location Details :

Easting : 343084
 Northing : 5304690
 Elevation : 430
 UTM Grid : NAD83_UTMZ17N_GPS
 Township : Gamey
 Storage Location : Chapleau Ont

Logging Details :

Logged By : Colt.Meyer
 Logged By 2 : Miguel.Ricardo
 Log Start : 1-Apr-2019
 Log Completed : 8-Apr-2019
 Re-Logged By :
 Re-Log Start :
 Re-Log Completed :

Comments :

Azimuth changed from planned 150 to 170. Top of hole encounters alternating AMP; PEG and FGS with minor UMD/LAMPD until approx. 100m. FGS and UMD dominant to approx. 160m. Becomes FGC dominant with minor FGS; UMD/LAMPD; PEG and lesser AMP until 305m. Remainder of hole has large sections of FGS and PEG. No mineralization intersected; trace/minor sulphides. Best looking sections within FGC; particularly at base of FGC in AMP/FGSBI unit.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	3.60	(OB) Overburden, () overburden and core loss								
3.60	45.17	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite green and grey moderately to strongly banded amphibolite with patchy almandine garnet porphyroblasts focused up to 23 metres after which point they become less common; intermittent massive light grey conformable quartz veins and occasional quartzofeldspathic or pegmatitic veins; small lamprophyre dykelets at following locations; 33.73 to 33.92 m depth with alpha beta of 58-316; 34.16 to 34.39 with alpha beta of 44-310; 37.02 to 37.27 m depth with 55 degree alpha angle	D60979	3.6	5	1.4	0.002	AGAT_FAICP		
			D60980	5	6.5	1.5	0.002	AGAT_FAICP		
			D60981	6.5	8	1.5	0.003	AGAT_FAICP		
			D60982	8	9.5	1.5	0.002	AGAT_FAICP		
			D60983	9.5	11	1.5	0.002	AGAT_FAICP		
			D60984	11	12.5	1.5	0.0005	AGAT_FAICP		
			D61014	42	43.5	1.5	0.001	AGAT_FAICP		
			D61015	43.5	44.77	1.27	0.002	AGAT_FAICP		
			D61016	44.77	45.17	0.4	0.001	AGAT_FAICP		
			D61007	37	37.3	0.3	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D61008	37.3	38	0.7	0.004	AGAT_FAICP		
			D61009	38	39.5	1.5	0.003	AGAT_FAICP		
			D61010	39.5	40.8	1.3	0.0005	AGAT_FAICP		
			D61011	40.8	41.13	0.33	0.0005	AGAT_FAICP		
			D61013	41.13	42	0.87	0.001	AGAT_FAICP		
			D61000	30.5	32	1.5	0.006	AGAT_FAICP		
			D61001	32	33.5	1.5	0.004	AGAT_FAICP		
			D61002	33.5	34.4	0.9	0.005	AGAT_FAICP		
			D61003	34.4	35	0.6	0.005	AGAT_FAICP		
			D61004	35	36.5	1.5	0.004	AGAT_FAICP		
			D61005	36.5	37	0.5	0.004	AGAT_FAICP		
			D60993	21.5	23	1.5	0.005	AGAT_FAICP		
			D60994	23	24.5	1.5	0.007	AGAT_FAICP		
			D60995	24.5	26	1.5	0.007	AGAT_FAICP		
			D60996	26	27.5	1.5	0.022	AGAT_FAICP		
			D60997	27.5	29	1.5	0.014	AGAT_FAICP		
			D60999	29	30.5	1.5	0.006	AGAT_FAICP		
			D60985	12.5	14	1.5	0.001	AGAT_FAICP		
			D60987	14	15.5	1.5	0.002	AGAT_FAICP		
			D60988	15.5	17	1.5	0.001	AGAT_FAICP		
			D60989	17	18.5	1.5	0.001	AGAT_FAICP		
			D60990	18.5	20	1.5	0.002	AGAT_FAICP		
			D60991	20	21.5	1.5	0.002	AGAT_FAICP		
45.17	45.49	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D61017	45.17	45.49	0.32	0.001	AGAT_FAICP		
		coarse to very coarse-grained pink and grey equigranular quartzofeldspathic vein with disseminated fragments of biotite-rich material; sharp undulating contacts								
45.49	56.63	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D61019	45.49	46.6	1.11	0.003	AGAT_FAICP		
		medium to coarse-grained grey and green thinly-banded intermediate amphibolite with mix of biotite and amphibole as well as intermittent grey and pink quartz to quartzofeldspathic bands; no beta given at upper contact as line was lost	D61020	46.6	48	1.4	0.001	AGAT_FAICP		
			D61021	48	49.5	1.5	0.001	AGAT_FAICP		
			D61022	49.5	51	1.5	0.023	AGAT_FAICP		
			D61023	51	52.5	1.5	0.004	AGAT_FAICP		
			D61024	52.5	54	1.5	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D61025	54	54.7	0.7	0.0005	AGAT_FAICP		
			D61027	54.7	55	0.3	0.002	AGAT_FAICP		
			D61028	55	56	1	0.002	AGAT_FAICP		
			D61029	56	56.63	0.63	0.008	AGAT_FAICP		
56.63	59.05	(DIA) Diabase Dike, ()	D61030	56.63	58	1.37	0.005	AGAT_FAICP		
		very fine to fine-grained ultramafic dark grey dyke with no visible alteration at upper contact except for slight chill margin and sericitized lower contact; defined by abundant disseminated carbonate phenocrysts	D61031	58	59.05	1.05	0.003	AGAT_FAICP		
59.05	59.78	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D61033	59.05	59.78	0.73	0.001	AGAT_FAICP		
		green and grey massive fine-grained intermediate amphibolite with intermittent potassic and sericitic alteration envelopes on crosscutting quartz-carbonate veinlets; deformed mid to light grey quartz vein present								
59.78	64.93	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D61034	59.78	61	1.22	0.0005	AGAT_FAICP		
		very coarse-grained pink and grey syenogranitic pegmatite composed of pink feldspar-rich quartz groundmass; quartz altered preferentially to feldspar near lower contact with lamprophyre dyke	D61035	61	62.5	1.5	0.0005	AGAT_FAICP		
			D61036	62.5	64	1.5	0.0005	AGAT_FAICP		
			D61037	64	64.93	0.93	0.0005	AGAT_FAICP		
64.93	65.56	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D61039	64.93	65.56	0.63	0.005	AGAT_FAICP		
		fine to medium-grained grey and green carbonate-phenocrystic lamprophyre dyke with weird cm-scale rounded inclusions near upper contact; sericitized patches								
65.56	68.19	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D61040	65.56	67	1.44	0.002	AGAT_FAICP		
		pink and grey very coarse-grained syenogranitic pegmatite defined by abundant pink feldspar and interstitial quartz	D61041	67	68.19	1.19	0.002	AGAT_FAICP		
68.19	69.20	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D61042	68.19	69.2	1.01	0.003	AGAT_FAICP		
		dark grey fine to medium-grained and moderately foliated unit with abundant quartz phenocrysts showing evidence of low strain; quartz-feldspar-biotite groundmass								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
69.20	72.00	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) very coarse-grained pink and grey intrusive pegmatite defined by massive cm-scale feldspars and interstitial quartz along with patches of deep red potassic staining; no alpha angle due to core grind and loss	D61043	69.2	70.03	0.83	0.009	AGAT_FAICP		
			D61044	70.03	71	0.97	0.0005	AGAT_FAICP		
			D61045	71	72	1	0.001	AGAT_FAICP		
72.00	73.05	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke greenish strongly-altered ultramafic lamprophyre dyke with massive two by eight cm rounded quartzfeldspathic fragments of pegmatite engulfed by dyke during intrusion; some fragments are elongated with a lobe on each end suggested a liquid stretching at temperature; no alpha angle on upper contact due to breakage at contact and core grind	D61047	72	73.05	1.05	0.004	AGAT_FAICP		
73.05	75.02	(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, (FGSBI) FGS (10-29% BI) above or proximal to gold zone grey and green medium to coarse-grained quartz-feldspar groundmass speckled with disseminated biotite and amphibole; intermittent strong potassic and sericitic haloes on quartz-carbonate veinlets; no alpha angle again due to core grind and lack of orientable core	D61048	73.05	74	0.95	0.003	AGAT_FAICP		
			D61049	74	75.02	1.02	0.002	AGAT_FAICP		
75.02	75.37	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) coarse-grained pink and grey intrusive granitic pegmatite with wavy bands of interstitial aligned biotite grains and minor quartz patches segregated by abundant pink feldspars	D61050	75.02	75.37	0.35	0.004	AGAT_FAICP		
75.37	84.60	(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, (FGSBI) FGS (10-29% BI) above or proximal to gold zone grey and green medium to coarse-grained quartz-feldspar groundmass speckled with disseminated biotite and amphibole; small lamprophyre dykelets from 76.1 to 76.25 m and 78.5 to 78.65 m depth with sericitized contacts and 30 degree alpha angles; granitic pegmatite from 78.19 to 78.44 m depth; sericitic and potassic alteration envelopes on quartz-carbonate veinlets as per usual and tight F1 folds visible in unoriented quartz veinlets; intermittent quartz and quartzfeldspathic veins throughout unit broken out in veining tab where necessary	D61051	75.37	76	0.63	0.004	AGAT_FAICP		
			D61053	76	76.3	0.3	0.002	AGAT_FAICP		
			D61054	76.3	77	0.7	0.028	AGAT_FAICP		
			D61055	77	78	1	0.003	AGAT_FAICP		
			D61056	78	78.44	0.44	0.0005	AGAT_FAICP		
			D61057	78.44	78.74	0.3	0.005	AGAT_FAICP		
			D61059	78.74	80	1.26	0.032	AGAT_FAICP		
			D61060	80	81.5	1.5	0.003	AGAT_FAICP		
			D61061	81.5	82	0.5	0.005	AGAT_FAICP		
D61062	82	83.5	1.5	0.002	AGAT_FAICP					
D61063	83.5	84.6	1.1	0.001	AGAT_FAICP					
84.60	86.19	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite	D61064	84.6	85	0.4	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		(50-69% amphibole)	D61065	85	85.37	0.37	0.0005	AGAT_FAICP		
		fine-grained green intermediate amphibolite with grain size reduction near lower contact with lamprophyre dyke; intermittent quartz veins broken out in veining tab; no alpha for upper contact because it is only a gradational compositional change	D61067	85.37	86.19	0.82	0.004	AGAT_FAICP		
86.19	87.18	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D61068	86.19	87.18	0.99	0.0005	AGAT_FAICP		
		very fine to fine-grained ultramafic grey and green lamprophyre dyke with seaweed green chloritized and sericitized contacts; wavy discontinuous bands of carbonate								
87.18	92.22	(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D61069	87.18	88	0.82	0.013	AGAT_FAICP		
		grey and green moderately-foliated cross between intermediate amphibolite and FGS due to fluctuating proportions of amphibole and biotite; narrow folded to conformable quartz bands	D61070	88	89	1	0.001	AGAT_FAICP		
			D61071	89	90.13	1.13	0.0005	AGAT_FAICP		
			D61073	90.13	91.15	1.02	0.002	AGAT_FAICP		
			D61074	91.15	92.22	1.07	0.001	AGAT_FAICP		
92.22	93.16	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D61075	92.22	93.16	0.94	0.004	AGAT_FAICP		
		pink and grey very coarse-grained intrusive pegmatite with sharp contacts; interchanging dominance of quartz and pink feldspar; unit ends in small lamprophyre dykelet with cm-scale displacement								
93.16	101.85	(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D61076	93.16	93.89	0.73	0.005	AGAT_FAICP		
		grey and green moderately-foliated cross between intermediate amphibolite and FGS due to fluctuating proportions of amphibole and biotite; narrow folded to conformable quartz bands and intermittent potassic-sericitic alteration haloes on crosscutting quartz-carbonate veins	D61077	93.89	94.82	0.93	0.019	AGAT_FAICP		
			D61079	94.82	95.75	0.93	0.005	AGAT_FAICP		
			D61080	95.75	96.7	0.95	0.002	AGAT_FAICP		
			D61081	96.7	97.64	0.94	0.002	AGAT_FAICP		
			D61082	97.64	98.59	0.95	0.002	AGAT_FAICP		
			D61083	98.59	99.49	0.9	0.002	AGAT_FAICP		
			D61084	99.49	100.1	0.61	0.002	AGAT_FAICP		
			D61085	100.1	100.78	0.68	0.001	AGAT_FAICP		
			D61087	100.78	101.85	1.07	0.001	AGAT_FAICP		
101.85	107.88	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D61088	101.85	103	1.15	0.002	AGAT_FAICP		
		fine to medium-grained ultramafic lamprophyre dyke with abundant carbonate phenocrysts and sericitized lower contact	D61089	103	104	1	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D61090	104	105	1	0.002	AGAT_FAICP		
			D61091	105	106	1	0.001	AGAT_FAICP		
			D61093	106	107	1	0.003	AGAT_FAICP		
			D61094	107	107.88	0.88	0.003	AGAT_FAICP		
107.88	109.16	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D61095	107.88	108.5	0.62	0.002	AGAT_FAICP		
		grey and green moderately-foliated cross between intermediate amphibolite and FGS probably closer to FGS but keeping consistent with previous interval; as very similar. Black; mm-thick bands parallel to upper LAMP. Min; mg amphiboles throughout. Lower contact sharp to PEG.	D61096	108.5	109.16	0.66	0.005	AGAT_FAICP		
109.16	109.65	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D61097	109.16	109.65	0.49	0.0005	AGAT_FAICP		
		pink and grey c-very coarse-grained intrusive pegmatite with sharp contacts; interchanging dominance of quartz and pink feldspar; unit ends with qtz interfingering into lower FGS/AMPIN								
109.65	120.37	(FGS) Felsic Gneiss Sedimentary, ()	D61099	109.65	110.55	0.9	0.002	AGAT_FAICP		
		grey and green moderately-foliated cross between intermediate amphibolite and FGS probably closer to FGS very similar to previous. Min mg; amphiboles and patchy weak folding. Lower contact sharp; subplanar to strongly banded FGS/FGC unit.	D61100	110.55	111.54	0.99	0.001	AGAT_FAICP		
			D61101	111.54	112.4	0.86	0.001	AGAT_FAICP		
			D61102	112.4	113.4	1	0.001	AGAT_FAICP		
			D61103	113.4	114.4	1	0.001	AGAT_FAICP		
			D61104	114.4	115.4	1	0.018	AGAT_FAICP		
			D61105	115.4	116.16	0.76	0.047	AGAT_FAICP		
			D61107	116.16	116.72	0.56	0.003	AGAT_FAICP		
			D61108	116.72	117.77	1.05	0.012	AGAT_FAICP		
			D61109	117.77	118.7	0.93	0.067	AGAT_FAICP		
			D61110	118.7	119.64	0.94	0.003	AGAT_FAICP		
			D61111	119.64	120.37	0.73	0.003	AGAT_FAICP		
120.37	121.35	(FGS) Felsic Gneiss Sedimentary, ()	D61113	120.37	121.35	0.98	0.009	AGAT_FAICP		
		Grey; black; green; white; fg; strongly banded FGS that has trace mg and possibly conglomerate but no terminations visible. Mod-strongly folded and trace sulphides; mostly around amphiboles. Lower contact sharp planar to QFP-like unit.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
121.35	123.47	(QFP) Quartz Feldspar Porphyry, () Grey; white; black; f-cg QFP-like unit with mod; consistent; m-cg white phenocrysts throughout. Minor thin qtz veins that are weakly folded. Lower contact sharp to QV2.	D61114	121.35	122.4	1.05	0.002	AGAT_FAICP		
			D61115	122.4	123.47	1.07	0.003	AGAT_FAICP		
123.47	124.43	(QV, FGS) Quartz Vein, Felsic Gneiss Sedimentary, (QZVT2) Massive quartz vein White; fg QV2 with minor pink feldspar and mg content that is mod strongly banded/folded within grey; f-mg FGS that has minor biotite and amphibole. Lower contact sharp to similar FGS.	D61116	123.47	124.43	0.96	0.015	AGAT_FAICP		
124.43	124.80	(FGS) Felsic Gneiss Sedimentary, () Grey; f-mg FGS that is the same as FGS in previous unit; minor f-mg biotite and trace amphiboles. Lower contact sharp to banded FGS/FGC.	D61117	124.43	124.8	0.37	0.002	AGAT_FAICP		
124.80	125.13	(FGS) Felsic Gneiss Sedimentary, () Grey; black; green; white; fg; mod-strongly banded FGS that has trace mg and possibly conglomerate but no terminations visible. Very similar to previous banded unit but less; min-mod folding. Lower contact sharp planar to QFP-like/FGS unit.	D61119	124.8	125.13	0.33	0.05	AGAT_FAICP		
125.13	136.19	(FGS) Felsic Gneiss Sedimentary, () Grey; white; f-cg FGS with QZE or very marginal QFP with variable phenocrysts throughout. Unit has weak-mod variable foliation and massive QV2 veins; some glassy but probably barren. Patchy min-mod pot halo alteration; mostly around carb/qtz-carb veinlets. Minor LAMPD between 126.37-126.42m. Lower contact sharp to LAMPD.	D61120	125.13	126.1	0.97	0.008	AGAT_FAICP		
			D61121	126.1	127	0.9	0.003	AGAT_FAICP		
			D61122	127	128	1	0.011	AGAT_FAICP		
			D61123	128	129	1	0.003	AGAT_FAICP		
			D61124	129	129.91	0.91	0.008	AGAT_FAICP		
			D61125	129.91	130.75	0.84	0.003	AGAT_FAICP		
			D61127	130.75	131.65	0.9	0.084	AGAT_FAICP		
			D61128	131.65	132.55	0.9	0.002	AGAT_FAICP		
			D61129	132.55	133.45	0.9	0.001	AGAT_FAICP		
			D61130	133.45	134.35	0.9	0.006	AGAT_FAICP		
D61131	134.35	135.28	0.93	0.002	AGAT_FAICP					
D61133	135.28	136.19	0.91	0.002	AGAT_FAICP					
136.19	141.67	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Pale green; black; grey; fg LAMPD with mod-strong; patchy xenoliths/inclusions. Lower contact near parallel to core axis with mod-strong alteration into FGS.	D61134	136.19	137.22	1.03	0.002	AGAT_FAICP		
			D61135	137.22	138.3	1.08	0.002	AGAT_FAICP		
			D61136	138.3	139.4	1.1	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments								
			D61137	139.4	140.5	1.1	0.002	AGAT_FAICP										
			D61139	140.5	141.67	1.17	0.001	AGAT_FAICP										
141.67	143.07	(FGS) Felsic Gneiss Sedimentary, ()	D61140	141.67	143.07	1.4	0.003	AGAT_FAICP										
		Pink; grey; green; f-mg FGS that his highly altered between LAMP dykes. Lower contact sharp.																
143.07	143.49	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D61141	143.07	143.49	0.42	0.001	AGAT_FAICP										
		Black; pale green; fg LAMPD with mod-strong magnetism in the core of the unit and mod xenoliths at the contacts. Lower contact is sharp; subplanar.																
143.49	144.12	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D61142	143.49	144.12	0.63	0.0005	AGAT_FAICP										
		Pink; white; green; f-cg PEG that has weak-mod fracturing and one 2cm LAMPD near the upper contact. Lower contact sharp to FGS.																
144.12	154.92	(FGS, QV) Felsic Gneiss Sedimentary, Quartz Vein, ()	D61143	144.12	145.15	1.03	0.002	AGAT_FAICP										
		Grey; white; pink; f-cg FGS with weak patchy QZE texture or inconsistent QFP lith/texture. Unit has min-mod patchy pot alteration around veinlets; min-mod QV2 that appear to be folded throughout the unit and has patchy min-mod feld and trace amphiboles. Thin LAMPD between 147.34-147.47m. Lower contact sharp to QV2; fold or consistent lith.																
											D61144	145.15	146.18	1.03	0.002	AGAT_FAICP		
											D61145	146.18	147.2	1.02	0.007	AGAT_FAICP		
											D61147	147.2	147.5	0.3	0.064	AGAT_FAICP		
											D61148	147.5	147.8	0.3	0.502	AGAT_FAICP		
											D61149	147.8	148.7	0.9	0.008	AGAT_FAICP		
											D61157	153.75	154.45	0.7	0.002	AGAT_FAICP		
											D61159	154.45	154.92	0.47	0.005	AGAT_FAICP		
											D61150	148.7	149.55	0.85	0.005	AGAT_FAICP		
											D61151	149.55	150.27	0.72	0.006	AGAT_FAICP		
											D61153	150.27	151	0.73	0.003	AGAT_FAICP		
											D61154	151	152	1	0.005	AGAT_FAICP		
											D61155	152	153	1	0.003	AGAT_FAICP		
											D61156	153	153.75	0.75	0.002	AGAT_FAICP		
154.92	155.32	(QV) Quartz Vein, (QZVT2) Massive quartz vein	D61160	154.92	155.32	0.4	0.001	AGAT_FAICP										
		White; pink; fg QV2 that is within similar FGS that has QV2 folded throughout that looks very similar. This QV2 may be the basal folded portion of QV2 starting 149.64m. Lower contact sharp to FGS.																

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
155.32	156.92	(FGS) Felsic Gneiss Sedimentary, ()	D61161	155.32	156.1	0.78	0.002	AGAT_FAICP		
		Grey; white; pink; f-cg FGS with weak patchy QZE texture or inconsistent QFP lith/texture. Similar to previous FGS but without QV and pot alteration. Lower contact sharp strongly banded FGS/FGC.	D61162	156.1	156.92	0.82	0.002	AGAT_FAICP		
156.92	158.91	(FGS) Felsic Gneiss Sedimentary, ()	D61163	156.92	157.91	0.99	0.002	AGAT_FAICP		
		Grey; black; green; white; f-mg; mod banded FGS that is possibly conglomerate but no terminations visible. Very similar to previous banded unit with min-mod patchy folding. Lower contact mod gradational and nonplanar to FGC.	D61164	157.91	158.91	1	0.003	AGAT_FAICP		
158.91	168.17	(FGC) Felsic Gneiss Conglomerate, ()	D61165	158.91	159.54	0.63	0.004	AGAT_FAICP		
		Grey; white; black; f-vcg conglomerate with strong strain and folding throughout the unit but strongest at top of the unit with thicker white qtz veins up to 165m. Small LAMPD between 162.41-162.64m. Well defined terminations in the lower section and reibeckite dykelets/alteration in last 2m of unit above sharp contact to LAMPD.	D61167	159.54	160.23	0.69	0.004	AGAT_FAICP		
			D61168	160.23	161.18	0.95	0.013	AGAT_FAICP		
			D61169	161.18	161.92	0.74	0.006	AGAT_FAICP		
			D61170	161.92	162.33	0.41	0.003	AGAT_FAICP		
			D61171	162.33	162.64	0.31	0.003	AGAT_FAICP		
			D61180	167.42	168.17	0.75	0.004	AGAT_FAICP		
			D61173	162.64	163.31	0.67	0.007	AGAT_FAICP		
			D61174	163.31	163.94	0.63	0.006	AGAT_FAICP		
			D61175	163.94	164.6	0.66	0.021	AGAT_FAICP		
			D61176	164.6	165.5	0.9	0.022	AGAT_FAICP		
			D61177	165.5	166.37	0.87	0.017	AGAT_FAICP		
			D61179	166.37	167.42	1.05	0.012	AGAT_FAICP		
168.17	168.88	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D61181	168.17	168.88	0.71	0.002	AGAT_FAICP		
		Black; fg LAMPD with mod-strong magnetism and mod xenoliths throughout. Lower contact is sharp; subplanar to FGC.								
168.88	170.77	(FGC) Felsic Gneiss Conglomerate, ()	D61182	168.88	169.8	0.92	0.005	AGAT_FAICP		
		Grey; white; black; f-vcg conglomerate with mod-strong strain and weak patchy folds. Well defined terminations but patchy more massive bands. Lower contact sharp to LAMPD.	D61183	169.8	170.77	0.97	0.004	AGAT_FAICP		
170.77	171.84	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Black; fg LAMPD with mod-strong xenoliths and mod magnetism at the core of the unit. Reibekite altered FGS/FGC between 170.87-171.1m. Lower contact weakly visible but highly altered to FGS.	D61184	170.77	171.1	0.33	0.002	AGAT_FAICP		
			D61185	171.1	171.84	0.74	0.002	AGAT_FAICP		
171.84	173.98	(FGS) Felsic Gneiss Sedimentary, ()	D61187	171.84	172.53	0.69	0.003	AGAT_FAICP		
		Grey; fg FGS that is mostly uniform throughout with minor patchy banding and qtz veining. Lower contact sharp to strongly banded FGC.	D61188	172.53	173.22	0.69	0.005	AGAT_FAICP		
			D61189	173.22	173.98	0.76	0.011	AGAT_FAICP		
173.98	174.28	(FGC) Felsic Gneiss Conglomerate, ()	D61190	173.98	174.28	0.3	0.024	AGAT_FAICP		
		Grey; white; black; f-cg conglomerate with strong strain and strong planar banding. Lower contact sharp to LAMPD.								
174.28	175.67	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D61191	174.28	174.97	0.69	0.002	AGAT_FAICP		
		Black; fg LAMPD with mod-strong xenoliths/vesicles and mod patchy magnetism. Lower contact sharp to FGS congl.	D61193	174.97	175.67	0.7	0.003	AGAT_FAICP		
175.67	177.19	(FGC) Felsic Gneiss Conglomerate, ()	D61194	175.67	176.39	0.72	0.008	AGAT_FAICP		
		Grey; white; black; f-cg conglomerate with mod-strong strain that is patchy and weak patchy folds. Unit is transitioning out of FGC to finer metased. Lower contact is gradational to FGS.	D61195	176.39	177.19	0.8	0.056	AGAT_FAICP		
177.19	181.50	(FGS) Felsic Gneiss Sedimentary, ()	D61196	177.19	178.11	0.92	0.007	AGAT_FAICP		
		Grey; white; black f-mg FGS that is mostly uniform throughout with minor patchy banding; qtz veining; thicker ones planar and thinner folded. Lower contact sharp to LAMPD; with 50cm contact alteration halo.	D61197	178.11	179	0.89	0.007	AGAT_FAICP		
			D61199	179	179.65	0.65	0.004	AGAT_FAICP		
			D61200	179.65	180.58	0.93	0.003	AGAT_FAICP		
			D61201	180.58	181.5	0.92	0.003	AGAT_FAICP		
181.50	182.00	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D61202	181.5	182	0.5	0.003	AGAT_FAICP		
		Black; fg LAMPD with mod-strong xenoliths/vesicles and weak patchy magnetism. Lower contact sharp to FGS similar to previous.								
182.00	184.28	(FGS) Felsic Gneiss Sedimentary, ()	D61203	182	182.8	0.8	0.003	AGAT_FAICP		
		Grey; white; black f-mg FGS that is mostly uniform with mod alteration between LAMPD. Lower contact sharp to LAMPD.	D61204	182.8	183.57	0.77	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D61205	183.57	184.28	0.71	0.003	AGAT_FAICP		
184.28	185.38	(UMD, FGS) UMLAMP Dike, Felsic Gneiss Sedimentary, (LAMPD) UMD - Lamprophyre Dyke	D61207	184.28	185.38	1.1	0.004	AGAT_FAICP		Black; fg LAMPD with mod-strong xenoliths/vesicles and weak patchy magnetism. Mixed with highly altered FGS that is grey-green and similar to previous unit. Lower contact sharp to FGS similar to previous.
185.38	186.73	(FGS) Felsic Gneiss Sedimentary, ()	D61208	185.38	186.06	0.68	0.005	AGAT_FAICP		Grey; white; black f-mg FGS that is mostly uniform with minor patchy banding; increasing down interval; trace qtz veining. Lower contact mod; gradational over 2-5cm to FGC.
			D61209	186.06	186.73	0.67	0.005	AGAT_FAICP		
186.73	191.85	(FGC) Felsic Gneiss Conglomerate, ()	D61210	186.73	187.57	0.84	0.013	AGAT_FAICP		Grey; white; black; f-vcg conglomerate with mod-strong strain and weak-mod increasing folding. Unit is strongly banded and has increasing mafic bands; which have trace sulphides. Lower contact sharp to PEG.
			D61211	187.57	188.42	0.85	0.076	AGAT_FAICP		
			D61213	188.42	189.25	0.83	0.006	AGAT_FAICP		
			D61214	189.25	190.1	0.85	0.006	AGAT_FAICP		
			D61215	190.1	191	0.9	0.014	AGAT_FAICP		
			D61216	191	191.85	0.85	0.011	AGAT_FAICP		
191.85	192.20	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D61217	191.85	192.2	0.35	0.005	AGAT_FAICP		Pink; white; black; m-vcg pegmatite that appears more igneous and less melt derived. Contact non-parallel and either boudinage or undulating. Lower contact sharp to same FGC.
192.20	212.31	(FGC) Felsic Gneiss Conglomerate, ()	D61219	192.2	192.97	0.77	0.019	AGAT_FAICP		Grey; white; black; f-vcg conglomerate with strong strain and mod variable folding. Less banded section between 194-196.5m but most likely still FGC. Unit is strongly banded and has variable mafic bands; which have trace sulphides. Lower contact sharp to LAMPD.
			D61220	192.97	193.47	0.5	0.023	AGAT_FAICP		
			D61221	193.47	194	0.53	0.017	AGAT_FAICP		
			D61222	194	194.67	0.67	0.011	AGAT_FAICP		
			D61223	194.67	195.33	0.66	0.014	AGAT_FAICP		
			D61224	195.33	195.77	0.44	0.002	AGAT_FAICP		
			D61247	210.72	211.46	0.74	0.005	AGAT_FAICP		
			D61248	211.46	212.31	0.85	0.005	AGAT_FAICP		
			D61240	205.95	206.81	0.86	0.088	AGAT_FAICP		
			D61241	206.81	207.6	0.79	0.019	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D61242	207.6	208.5	0.9	0.009	AGAT_FAICP		
			D61243	208.5	209.2	0.7	0.011	AGAT_FAICP		
			D61244	209.2	210	0.8	0.022	AGAT_FAICP		
			D61245	210	210.72	0.72	0.013	AGAT_FAICP		
			D61233	200.85	201.82	0.97	0.006	AGAT_FAICP		
			D61234	201.82	202.75	0.93	0.023	AGAT_FAICP		
			D61235	202.75	203.5	0.75	0.008	AGAT_FAICP		
			D61236	203.5	204.4	0.9	0.026	AGAT_FAICP		
			D61237	204.4	205.05	0.65	0.008	AGAT_FAICP		
			D61239	205.05	205.95	0.9	0.017	AGAT_FAICP		
			D61225	195.77	196.39	0.62	0.004	AGAT_FAICP		
			D61227	196.39	197.12	0.73	0.039	AGAT_FAICP		
			D61228	197.12	198	0.88	0.022	AGAT_FAICP		
			D61229	198	198.95	0.95	0.025	AGAT_FAICP		
			D61230	198.95	199.9	0.95	0.016	AGAT_FAICP		
			D61231	199.9	200.85	0.95	0.01	AGAT_FAICP		
212.31	212.87	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D61249	212.31	212.87	0.56	0.002	AGAT_FAICP		
		Black; fg LAMPD with mod xenoliths/vescicles and weak patchy magnetism. Lower contact sharp to FGC similar to previous.								
212.87	229.86	(FGC) Felsic Gneiss Conglomerate, ()	D61250	212.87	213.59	0.72	0.004	AGAT_FAICP		
		Grey; white; black; f-vcg conglomerate with strong strain and mod variable folding. Unit is strongly banded and has variable mafic bands; which have trace sulphides and increasing QZ/QV2 veins.. Lower contact sharp to PEG.	D61251	213.59	214.28	0.69	0.047	AGAT_FAICP		
			D61253	214.28	215.36	1.08	0.009	AGAT_FAICP		
			D61254	215.36	216.24	0.88	0.005	AGAT_FAICP		
			D61255	216.24	217.16	0.92	0.005	AGAT_FAICP		
			D61256	217.16	218.04	0.88	0.012	AGAT_FAICP		
			D61271	228.86	229.86	1	0.002	AGAT_FAICP		
			D61264	223	224.01	1.01	0.004	AGAT_FAICP		
			D61265	224.01	225	0.99	0.005	AGAT_FAICP		
			D61267	225	225.98	0.98	0.004	AGAT_FAICP		
			D61268	225.98	226.98	1	0.007	AGAT_FAICP		
			D61269	226.98	228	1.02	0.005	AGAT_FAICP		
			D61270	228	228.86	0.86	0.003	AGAT_FAICP		
			D61257	218.04	219	0.96	0.008	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D61259	219	219.71	0.71	0.008	AGAT_FAICP		
			D61260	219.71	220.68	0.97	0.006	AGAT_FAICP		
			D61261	220.68	221.43	0.75	0.002	AGAT_FAICP		
			D61262	221.43	222.38	0.95	0.003	AGAT_FAICP		
			D61263	222.38	223	0.62	0.003	AGAT_FAICP		
229.86	230.16	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D61273	229.86	230.16	0.3	0.007	AGAT_FAICP		
		Pink; white; black; m-vcg pegmatite that appears mod-strong igneous and less melt derived. Contact non-parallel and either boudinage or undulating. Lower contact sharp to FGS banded.								
230.16	234.53	(FGS) Felsic Gneiss Sedimentary, ()	D61274	230.16	231	0.84	0.002	AGAT_FAICP		
		Grey; white; f-mg FGS with mod variability; patchy weak-mod band/melt becoming more regular near the base of the unit. Minor mafic bands; increased in amphibole and QF irregular veins. Lower contact sharp to FGS mod-strong banded.	D61275	231	231.9	0.9	0.002	AGAT_FAICP		
			D61276	231.9	232.81	0.91	0.003	AGAT_FAICP		
			D61277	232.81	233.58	0.77	0.001	AGAT_FAICP		
			D61279	233.58	234.53	0.95	0.002	AGAT_FAICP		
234.53	235.88	(FGS) Felsic Gneiss Sedimentary, ()	D61280	234.53	235.14	0.61	0.002	AGAT_FAICP		
		Grey; green; white; f-mg FGS that has patchy mod-strong bands; weakest between 234.9-235.1 and highly irregular Qtz vein at the base of the unit. Lower contact gradational; after Qtz vein to FGS.	D61281	235.14	235.88	0.74	0.003	AGAT_FAICP		
235.88	240.68	(FGS) Felsic Gneiss Sedimentary, ()	D61282	235.88	236.85	0.97	0.002	AGAT_FAICP		
		Grey; f-mg FGS with minor; patchy f-mg disseminated biotite>amphiboles; trace amphibole bands; largest between 238.6-238.74m; mostly regular and weakly massive; min-mod strain. Lower contact sharp to LAMPD.	D61283	236.85	237.8	0.95	0.003	AGAT_FAICP		
			D61284	237.8	238.74	0.94	0.004	AGAT_FAICP		
			D61285	238.74	239.71	0.97	0.003	AGAT_FAICP		
			D61287	239.71	240.68	0.97	0.002	AGAT_FAICP		
240.68	241.14	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D61288	240.68	241.14	0.46	0.001	AGAT_FAICP		
		Black; fg LAMPD with strong xenoliths; weak-mod patchy magnetism. Lower contact sharp with 3-4cm green chill margin to FGS similar to previous.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
241.14	243.15	(FGS) Felsic Gneiss Sedimentary, ()	D61289	241.14	242	0.86	0.0005	AGAT_FAICP		
		Grey; f-mg FGS with minor; patchy f-mg disseminated biotite>amphiboles; trace carb veinlets with pot halos; min-mod strain. Lower contact gradational to FGC.	D61290	242	243.15	1.15	0.0005	AGAT_FAICP		
243.15	250.93	(FGC) Felsic Gneiss Conglomerate, ()	D61291	243.15	244	0.85	0.005	AGAT_FAICP		
		Grey; white; black; f-vcg conglomerate with mod-strong strain; weak-mod variable folding and 10-30cm bands that seem like FGS. Thin LAMPD between 243.22-243.31m. Unit is strongly banded and has variable minor mafic bands; which have trace sulphides and trace QF veins; trace clast terminations visible but whole unit most likely FGC. Lower contact sharp to AMP.	D61293	244	245	1	0.003	AGAT_FAICP		
			D61294	245	246	1	0.004	AGAT_FAICP		
			D61295	246	247	1	0.026	AGAT_FAICP		
			D61296	247	248	1	0.002	AGAT_FAICP		
			D61297	248	249	1	0.018	AGAT_FAICP		
			D61299	249	249.94	0.94	0.006	AGAT_FAICP		
			D61300	249.94	250.93	0.99	0.006	AGAT_FAICP		
250.93	251.30	(AMP) Amphibolite, ()	D61301	250.93	251.3	0.37	0.003	AGAT_FAICP		
		Green; grey; f-mg AMP unit with very uniform texture and weak folded foliation; possibly large mafic clast or band/raft within FGC. Lower contact sharp to similar FGC.								
251.30	256.09	(FGC) Felsic Gneiss Conglomerate, ()	D61302	251.3	252.1	0.8	0.005	AGAT_FAICP		
		Grey; white; black; f-vcg FCG with mod-strong strain; weak-mod variable folding and 5cm bands that seem like FGS. Unit is strongly banded and has variable minor mafic bands; which have trace sulphides and trace QF veins/wisps; trace clast terminations visible but whole unit most likely FCG. Lower contact sharp to LAMPD	D61303	252.1	252.9	0.8	0.003	AGAT_FAICP		
			D61304	252.9	253.7	0.8	0.004	AGAT_FAICP		
			D61305	253.7	254.5	0.8	0.012	AGAT_FAICP		
			D61307	254.5	255.3	0.8	0.179	AGAT_FAICP		
			D61308	255.3	256.09	0.79	0.008	AGAT_FAICP		
256.09	256.54	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D61309	256.09	256.54	0.45	0.01	AGAT_FAICP		
		Black; fg LAMPD with weak xenoliths/vesicles; mod-strong magnetism. Lower contact sharp to FGC similar to previous.								
256.54	260.00	(FGC) Felsic Gneiss Conglomerate, ()	D61310	256.54	257.45	0.91	0.016	AGAT_FAICP		
		Grey; white; black; f-vcg FCG with mod-strong strain; weak-mod variable folding. Unit is strongly banded and has variable trace mafic bands; which have trace sulphides and trace carb veinlets with pot halos; trace clast terminations visible but whole unit most likely FCG. Lower contact sharp to FGS.	D61311	257.45	258.32	0.87	0.008	AGAT_FAICP		
			D61313	258.32	259.2	0.88	0.014	AGAT_FAICP		
			D61314	259.2	260	0.8	0.008	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
260.00	261.03	(FGS) Felsic Gneiss Sedimentary, () Grey; f-mg FGS with minor; patchy f-mg disseminated biotite; weak DIO texture; min-mod strain and minor qtz veins; folded.. Lower contact sharp to PEG.	D61315	260	261.03	1.03	0.034	AGAT_FAICP		
261.03	262.05	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Pink; white; black; m-vcg pegmatite that is strong igneous and less melt derived. Contact sharp and minor vcg biotite. Lower contact sharp to LAMPD.	D61316	261.03	262.05	1.02	0.002	AGAT_FAICP		
262.05	262.52	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Black; fg LAMPD with mod xenoliths/vescicles; strong magnetism. Lower contact sharp to PEG; mixed with UMD.	D61317	262.05	262.52	0.47	0.003	AGAT_FAICP		
262.52	262.90	(PEG, UMD) Pegmatite, UMLAMP Dike, (PEGGR) Granitic Pegmatite (<50% quartz) Pink; white; black; m-vcg pegmatite that is strong igneous and less melt derived; mixed with fg pale green UMD; cusps/folds; largest between 262.57-262.67m. Contact sharp and minor vcg biotite. Lower contact sharp to LAMPD.	D61319	262.52	262.9	0.38	0.005	AGAT_FAICP		
262.90	270.42	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Pink; white; black; m-vcg pegmatite that is strong igneous and less melt derived. Min-mod c-vcg biotite; mod patchy qtz. Contact sharp and minor vcg biotite. Lower contact sharp to FGC.	D61320	262.9	263.3	0.4	0.003	AGAT_FAICP		
			D61321	263.3	264.3	1	0.0005	AGAT_FAICP		
			D61322	264.3	265.38	1.08	0.003	AGAT_FAICP		
			D61323	265.38	266.3	0.92	0.001	AGAT_FAICP		
			D61324	266.3	267.39	1.09	0.001	AGAT_FAICP		
			D61325	267.39	268.4	1.01	0.002	AGAT_FAICP		
			D61327	268.4	269.43	1.03	0.0005	AGAT_FAICP		
			D61328	269.43	270.42	0.99	0.001	AGAT_FAICP		
270.42	273.69	(FGC) Felsic Gneiss Conglomerate, () Grey; white; black; f-vcg FCG with mod-strong strain; weak-mod variable folding. Unit is strongly banded and has variable minor mafic bands; which have trace sulphides and trace qtz vein; trace clast terminations visible but whole unit most likely FCG. Lower contact sharp to LAMPD	D61329	270.42	271.46	1.04	0.01	AGAT_FAICP		
			D61330	271.46	272.54	1.08	0.01	AGAT_FAICP		
			D61331	272.54	273.12	0.58	0.002	AGAT_FAICP		
			D61333	273.12	273.69	0.57	0.007	AGAT_FAICP		
273.69	274.02	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Black; fg LAMPD with mod xenoliths/vesicles; mod-strong magnetism. Lower contact sharp to FGC.	D61334	273.69	274.02	0.33	0.002	AGAT_FAICP		
274.02	279.05	(FGC) Felsic Gneiss Conglomerate, ()	D61335	274.02	275	0.98	0.007	AGAT_FAICP		
		Grey; white; black; green; f-vcg FCG with strong strain; mod variable folding. Unit is strongly banded and has variable minor mafic bands; which have trace sulphides; trace clast terminations visible but whole unit most likely FCG. Lower contact sharp to AMP.	D61336	275	276	1	0.023	AGAT_FAICP		
			D61337	276	277	1	0.013	AGAT_FAICP		
			D61339	277	278	1	0.018	AGAT_FAICP		
			D61340	278	279.05	1.05	0.01	AGAT_FAICP		
279.05	280.04	(AMP) Amphibolite, ()	D61341	279.05	280.04	0.99	0.041	AGAT_FAICP		
		Green; grey; f-mg AMP unit with weak-mod banded texture and weak folded foliation; possibly large mafic clast or band/raft within FGC. Lower contact sharp to similar FGC.								
280.04	284.88	(FGC) Felsic Gneiss Conglomerate, ()	D61342	280.04	281.12	1.08	0.013	AGAT_FAICP		
		Grey; white; black; green; f-vcg FCG with strong strain; weak variable folding. Unit is strongly banded and has variable minor mafic bands; which have trace sulphides; trace clast terminations visible but whole unit most likely FCG. Black LAMPD with 3-4cm green chill margins between 282.25-282.53m. Lower contact sharp to AMP.	D61343	281.12	282.18	1.06	0.012	AGAT_FAICP		
			D61344	282.18	282.6	0.42	0.01	AGAT_FAICP		
			D61345	282.6	283.4	0.8	0.011	AGAT_FAICP		
			D61347	283.4	284.15	0.75	0.009	AGAT_FAICP		
			D61348	284.15	284.88	0.73	0.017	AGAT_FAICP		
284.88	286.87	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D61349	284.88	285.88	1	0.005	AGAT_FAICP		
		Pink; white; black; m-vcg pegmatite that is strong igneous and less melt derived. Min sulphides. Contact gradational over 3-4cm and folded to FGC.	D61350	285.88	286.87	0.99	0.004	AGAT_FAICP		
286.87	299.53	(FGC) Felsic Gneiss Conglomerate, ()	D61351	286.87	288	1.13	0.006	AGAT_FAICP		
		Grey; white; black; green; f-vcg FCG with strong strain; mod variable folding. Unit is strongly banded and has variable min-mod mafic bands; which have trace sulphides; trace clast terminations visible but whole unit most likely FCG. Lower contact gradational to AMPIN.	D61353	288	288.85	0.85	0.01	AGAT_FAICP		
			D61354	288.85	289.7	0.85	0.005	AGAT_FAICP		
			D61355	289.7	290.7	1	0.019	AGAT_FAICP		
			D61356	290.7	291.78	1.08	0.01	AGAT_FAICP		
			D61357	291.78	292.46	0.68	0.003	AGAT_FAICP		
			D61365	297	297.67	0.67	0.006	AGAT_FAICP		
			D61367	297.67	298.59	0.92	0.004	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D61368	298.59	299.53	0.94	0.004	AGAT_FAICP		
			D61359	292.46	293.36	0.9	0.006	AGAT_FAICP		
			D61360	293.36	294.09	0.73	0.007	AGAT_FAICP		
			D61361	294.09	294.66	0.57	0.006	AGAT_FAICP		
			D61362	294.66	295.33	0.67	0.004	AGAT_FAICP		
			D61363	295.33	296.18	0.85	0.006	AGAT_FAICP		
			D61364	296.18	297	0.82	0.005	AGAT_FAICP		
299.53	303.60	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D61369	299.53	300.39	0.86	0.004	AGAT_FAICP		
		Grey; green; white; f-mg AMPIN with min-mod amphiboles that increase down interval. Possibly grading toward FGSBI with amphiboles toward lower contact. Unit has min-mod patchy folding and mod-strong strain. Patchy min-mod QF veins and carb veinlets with pot halos. AMP to AMPUM between 303.46-303.60m at lower sharp contact to FGS.	D61370	300.39	301.28	0.89	0.003	AGAT_FAICP		
			D61371	301.28	301.97	0.69	0.01	AGAT_FAICP		
			D61373	301.97	302.65	0.68	0.003	AGAT_FAICP		
			D61374	302.65	303.6	0.95	0.005	AGAT_FAICP		
				D61375	303.6	304.14	0.54	0.004	AGAT_FAICP	
303.60	304.14	(FGS) Felsic Gneiss Sedimentary, ()								
		Grey; f-mg FGS with minor; patchy f-mg disseminated biotite; trace conglomeratic texture; min-mod strain and minor qtz veins; folded. Lower contact sharp to PEG.								
304.14	312.87	(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGGR) Granitic Pegmatite (<50% quartz)	D61376	304.14	305	0.86	0.002	AGAT_FAICP		
		Pink; white; black; m-vcg pegmatite that is strong igneous and less melt derived. FGS; similar to previous; mixed between 305.25-306m. Contact gradational over 3-4cm; weak melt texture to FGS.	D61377	305	306	1	0.005	AGAT_FAICP		
			D61379	306	307	1	0.002	AGAT_FAICP		
			D61380	307	308	1	0.006	AGAT_FAICP		
			D61381	308	309	1	0.001	AGAT_FAICP		
			D61382	309	310	1	0.001	AGAT_FAICP		
			D61383	310	311	1	0.001	AGAT_FAICP		
			D61384	311	312	1	0.0005	AGAT_FAICP		
			D61385	312	312.87	0.87	0.002	AGAT_FAICP		
312.87	323.80	(FGS) Felsic Gneiss Sedimentary, ()	D61387	312.87	313.85	0.98	0.007	AGAT_FAICP		
		Grey; f-cg FGS with minor; patchy f-mg disseminated biotite and amphibole; trace cg amphiboles near melt sections; min-mod patchy melt texture with min-mod patchy QF/QZ veins/melts; min-mod strain. Lower contact sharp to PEG.	D61388	313.85	314.82	0.97	0.009	AGAT_FAICP		
			D61389	314.82	315.8	0.98	0.007	AGAT_FAICP		
			D61390	315.8	316.67	0.87	0.006	AGAT_FAICP		
			D61391	316.67	317.6	0.93	0.007	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D61393	317.6	318.6	1	0.006	AGAT_FAICP		
			D61401	322.85	323.8	0.95	0.015	AGAT_FAICP		
			D61394	318.6	319.54	0.94	0.005	AGAT_FAICP		
			D61395	319.54	319.97	0.43	0.037	AGAT_FAICP		
			D61396	319.97	320.5	0.53	0.009	AGAT_FAICP		
			D61397	320.5	321	0.5	0.023	AGAT_FAICP		
			D61399	321	321.9	0.9	0.004	AGAT_FAICP		
			D61400	321.9	322.85	0.95	0.008	AGAT_FAICP		
323.80	331.51	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D61402	323.8	325	1.2	0.002	AGAT_FAICP		
		Pink; white; black; m-vcg pegmatite that is strong igneous and less melt derived. Variable feld; qtz and biotite throughout. Contact very sharp to highly altered UMD.	D61403	325	326	1	0.001	AGAT_FAICP		
			D61404	326	327	1	0.001	AGAT_FAICP		
			D61405	327	327.95	0.95	0.0005	AGAT_FAICP		
			D61407	327.95	329	1.05	0.0005	AGAT_FAICP		
			D61408	329	330.25	1.25	0.0005	AGAT_FAICP		
			D61409	330.25	331.51	1.26	0.0005	AGAT_FAICP		
331.51	332.48	(UMD) UMLAMP Dike, ()	D61410	331.51	332.48	0.97	0.0005	AGAT_FAICP		
		Pale green; fg UMD or highly altered LAMPD with mod-strong xenoliths/vesicles. Lower contact sharp to PEG.								
332.48	338.53	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D61411	332.48	333.18	0.7	0.05	AGAT_FAICP		
		Pink; white; black; m-vcg pegmatite that is strong igneous and less melt derived. Small DIA dyke between 338.21-338.34m. Contact sharp with weak ser alteration to FGS.	D61413	333.18	334.18	1	0.005	AGAT_FAICP		
			D61414	334.18	335.23	1.05	0.003	AGAT_FAICP		
			D61415	335.23	336.17	0.94	0.004	AGAT_FAICP		
			D61416	336.17	337.25	1.08	0.003	AGAT_FAICP		
			D61417	337.25	338.53	1.28	0.002	AGAT_FAICP		
338.53	349.47	(FGS) Felsic Gneiss Sedimentary, ()	D61419	338.53	339	0.47	0.011	AGAT_FAICP		
		Grey; f-mg FGS with minor; patchy f-mg disseminated biotite; min-mod patchy pot alteration mostly around min-mod patchy carb veinlets; mod strain. Lower contact weakly gradational over 3-4cm to PEG.	D61420	339	339.4	0.4	0.019	AGAT_FAICP		
			D61421	339.4	340.52	1.12	0.017	AGAT_FAICP		
			D61422	340.52	341.52	1	0.017	AGAT_FAICP		
			D61423	341.52	342.54	1.02	0.009	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D61424	342.54	343.4	0.86	0.017	AGAT_FAICP		
			D61425	343.4	344.4	1	0.009	AGAT_FAICP		
			D61427	344.4	345.45	1.05	0.013	AGAT_FAICP		
			D61428	345.45	346.5	1.05	0.016	AGAT_FAICP		
			D61429	346.5	347.5	1	0.019	AGAT_FAICP		
			D61430	347.5	348.5	1	0.007	AGAT_FAICP		
			D61431	348.5	349.47	0.97	0.01	AGAT_FAICP		
349.47	350.52	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D61433	349.47	350.18	0.71	0.001	AGAT_FAICP		
		Pink; white; black; m-vcg pegmatite that is strong igneous and less melt derived; lower 30cm has increase in qtz and more melt texture. Contact weakly gradational to FGS.	D61434	350.18	350.52	0.34	0.004	AGAT_FAICP		
350.52	354.00	(FGS) Felsic Gneiss Sedimentary, ()	D61435	350.52	351.4	0.88	0.008	AGAT_FAICP		
		Grey; f-mg FGS with minor; patchy f-mg disseminated biotite and amphiboles; trace patchy pot alteration around patchy patchy carb veinlets; min-mod strain and QF melt at the end of the interval; 353.47-353.84m. EOH=354m	D61436	351.4	352.23	0.83	0.008	AGAT_FAICP		
			D61437	352.23	353.1	0.87	0.012	AGAT_FAICP		
			D61439	353.1	354	0.9	0.009	AGAT_FAICP		EOH

Hole ID : RD19-00010

Project : Borden

Drilling Details :

Azimuth : 170
 Dip : -45
 Length : 354
 Drill Start : 11-Jun-2019
 Drill Completed : 17-Jun-2019
 Core Size : NQ
 Drill Company : Major
 Oriented Core : No

Location Details :

Easting : 343114
 Northing : 5304940
 Elevation : 433
 UTM Grid : NAD83_UTMZ17N_GPS
 Township : Gamey
 Storage Location : Chapleau Ont

Logging Details :

Logged By : Colt.Meyer
 Logged By 2 : Alex.Jibb
 Log Start : 16-Jun-2019
 Log Completed : 26-Jun-2019
 Re-Logged By :
 Re-Log Start :
 Re-Log Completed :

Comments :

Van ruth plug at 3m. AJ logged 243.57-EOH. Well-foliated series of FGS and CONG units lclly defined at ~55dtca with minor QZ-CB-PLAG stringers cutting unit sub-parallel to foliation; minor QZV/QZVT2 and PEG veining hosting no sig min but generally concordant with overall foliation; no significant mineralization observed.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	1.50	(OB) Overburden, () overburden; no boulders; bedrock starts at 1.5 m depth								
1.50	9.39	(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, (AMPIN) Intermediate Amphibolite (50-69% amphibole) grey and green fine to meidum-grained alternating bands of intermediate amphibolite and FGS; occasional cloudy grey quartz veinlets and beige diffuse sericitic alteration envelopes on corsscutting quartz-carbonate veinlets; more iron-rich mafic bands carry majority of sparse almandine porphyroblasts contained within unit; brittle zone of fractured and broken core from 4.5 m to 4.85 m depth without mud or fault fabric present	D61810	1.5	3	1.5	0.007	AGAT_FAICP		
			D61811	3	4	1	0.014	AGAT_FAICP		
			D61813	4	5	1	0.004	AGAT_FAICP		
			D61814	5	6.5	1.5	0.004	AGAT_FAICP		
			D61815	6.5	8	1.5	0.002	AGAT_FAICP		
			D61816	8	9.39	1.39	0.003	AGAT_FAICP		
9.39	11.11	(DIA) Diabase Dike, () very fine to fine-grained grey and black massive magnetic diabase dyke with hairline quartz-carbonate veinlets; one coarse white cloudy quartz-carbonate vein with sericitic	D61817	9.39	10	0.61	0.003	AGAT_FAICP		
			D61819	10	11.11	1.11	0.004	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		alteration halo at 10.8 m depth; knife-sharp intrusive contacts with narrow chilled margins and no visible alteration								
11.11	12.90	(FGS) Felsic Gneiss Sedimentary, ()	D61820	11.11	12	0.89	0.002	AGAT_FAICP		
		dark grey fine-grained quartz-feldspar-biotite unit with weak to moderate foliation and intermittent narrow dark grey quartz veinlets; occasional quartz-carbonate veinlets with moderate to strong potassic and sericitic alteration envelopes	D61821	12	12.9	0.9	0.002	AGAT_FAICP		
12.90	13.23	(DIA) Diabase Dike, ()	D61822	12.9	13.23	0.33	0.003	AGAT_FAICP		
		very fine to fine-grained massive black intrusive diabase dyke with disseminated whitish-beige carbonate phenocrysts; knife-sharp unaltered contacts								
13.23	22.66	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D61823	13.23	14.23	1	0.012	AGAT_FAICP		
		grey medium-grained quartz-feldspar-biotite unit with moderate to strong foliation and intermittent potassic-sericitic alteration envelopes on thin quartz-carbonate veinlets; patchy to banded areas of quartz-rich reheating with incorporated fragments of wallrock	D61824	14.23	15.5	1.27	0.001	AGAT_FAICP		
			D61825	15.5	16.59	1.09	0.0005	AGAT_FAICP		
			D61827	16.59	17	0.41	0.0005	AGAT_FAICP		
			D61828	17	18.3	1.3	0.002	AGAT_FAICP		
			D61829	18.3	19	0.7	0.0005	AGAT_FAICP		
			D61830	19	20.02	1.02	0.0005	AGAT_FAICP		
			D61831	20.02	21	0.98	0.004	AGAT_FAICP		
			D61833	21	22	1	0.001	AGAT_FAICP		
			D61834	22	22.66	0.66	0.001	AGAT_FAICP		
22.66	33.90	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D61835	22.66	23.5	0.84	0.002	AGAT_FAICP		
		grey and green moderately to strongly-banded; fine and coarse-grained sections with patches of albitization or leucosomatic melt; stretched out almandine garnet lenses show weak to moderate strain evidence; occasional sericitic alteration envelopes on crosscutting quartz-carbonate veinlets	D61836	23.5	25	1.5	0.001	AGAT_FAICP		
			D61837	25	26	1	0.001	AGAT_FAICP		
			D61839	26	27.34	1.34	0.004	AGAT_FAICP		
			D61840	27.34	28.2	0.86	0.0005	AGAT_FAICP		
			D61841	28.2	29	0.8	0.002	AGAT_FAICP		
			D61842	29	30	1	0.0005	AGAT_FAICP		
			D61843	30	31	1	0.003	AGAT_FAICP		
			D61844	31	31.98	0.98	0.001	AGAT_FAICP		
			D61845	31.98	33	1.02	0.006	AGAT_FAICP		
			D61847	33	33.9	0.9	0.005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
33.90	39.75	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) pink and grey largely equigranular granitic intrusive pegmatite with sections of light grey quartz accumulation with altered black fragments of wallrock float	D61848	33.9	35	1.1	0.003	AGAT_FAICP		
			D61849	35	36.5	1.5	0.0005	AGAT_FAICP		
			D61850	36.5	38	1.5	0.004	AGAT_FAICP		
			D61851	38	39	1	0.0005	AGAT_FAICP		
			D61853	39	39.75	0.75	0.0005	AGAT_FAICP		
39.75	43.83	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) grey and green fine to medium-grained unit with weak banding characterized by relative amphibole enrichment or quartzofeldspathic sections; one quartz-feldspar vein broken out in veining tab	D61854	39.75	41	1.25	0.003	AGAT_FAICP		
			D61855	41	42	1	0.0005	AGAT_FAICP		
			D61856	42	43	1	0.001	AGAT_FAICP		
			D61857	43	43.83	0.83	0.009	AGAT_FAICP		
43.83	45.53	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz) pink and grey quartzofeldspathic intrusive pegmatite with sections of feldspar-dominant and quartz-dominant growth	D61859	43.83	45	1.17	0.026	AGAT_FAICP		
			D61860	45	45.53	0.53	0.004	AGAT_FAICP		
45.53	49.15	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) green and grey moderately banded intermediate amphibolite with wavy sections of white bespeckled leucosomatic melt; ultramafic dyke interval from 47 to 47.25 m with gradational and diffuse contacts	D61861	45.53	46	0.47	0.001	AGAT_FAICP		
			D61862	46	47	1	0.002	AGAT_FAICP		
			D61863	47	47.3	0.3	0.003	AGAT_FAICP		
			D61864	47.3	48	0.7	0.012	AGAT_FAICP		
			D61865	48	49.15	1.15	0.001	AGAT_FAICP		
49.15	50.14	(DIA) Diabase Dike, () massive black very fine to fine-grained carbonate-phenocrystic diabase dyke with knife-sharp unaltered contacts	D61867	49.15	50.14	0.99	0.001	AGAT_FAICP		
50.14	55.25	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) fine to medium-grained green and grey unit with banding marked by alternating quartz-feldspar rich bands and amphibole-rich bands; intermittent grey quartz veinlets and patchy sericite alteration envelopes on crosscutting quartz-carbonate veins	D61868	50.14	51	0.86	0.001	AGAT_FAICP		
			D61869	51	52	1	0.002	AGAT_FAICP		
			D61870	52	53.3	1.3	0.002	AGAT_FAICP		
			D61871	53.3	54	0.7	0.002	AGAT_FAICP		
			D61873	54	55.25	1.25	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
55.25	61.38	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) coarse to very coarse-grained pink and grey granitic pegmatite characterized by very coarse feldspar grains with interstitial to patchy quartzose sections	D61874	55.25	56	0.75	0.0005	AGAT_FAICP		
			D61875	56	57.5	1.5	0.0005	AGAT_FAICP		
			D61876	57.5	59	1.5	0.0005	AGAT_FAICP		
			D61877	59	60.5	1.5	0.0005	AGAT_FAICP		
			D61879	60.5	61.38	0.88	0.0005	AGAT_FAICP		
61.38	65.55	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) fine-grained green and grey intermediate amphibolite with sections of thin quartz veinlets and patchy sparse almandine garnet porphyroblasts	D61880	61.38	62.6	1.22	0.001	AGAT_FAICP		
			D61881	62.6	64	1.4	0.001	AGAT_FAICP		
			D61882	64	65	1	0.002	AGAT_FAICP		
			D61883	65	65.55	0.55	0.003	AGAT_FAICP		
65.55	67.25	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone grey and white quartz-feldspar-biotite unit with disseminated patchy almandine garnet porphyroblasts and cm-scale patches of white quartz-feldspar melt with incorporated disseminated fragments of wallrock; greenish diffuse chlorite alteration and sericitic-potassic envelope at upper contact	D61884	65.55	66	0.45	0.001	AGAT_FAICP		
			D61885	66	67.25	1.25	0.003	AGAT_FAICP		
67.25	71.07	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) fine-grained intermediate green amphibolite with sparse grey quartz veinlets and section of sericitic alteration envelopes on quartz-carbonate veinlets	D61887	67.25	68	0.75	0.002	AGAT_FAICP		
			D61888	68	69.49	1.49	0.001	AGAT_FAICP		
			D61889	69.49	70.4	0.91	0.002	AGAT_FAICP		
			D61890	70.4	71.07	0.67	0.002	AGAT_FAICP		
71.07	73.29	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) coarse to very coarse-grained pink and grey granitic pegmatite with alternating sections of feldspar megacrysts with interstitial quartz and more equigranular diffuse quartz and feldspar; coarse blebs of magnetite in places	D61891	71.07	72	0.93	0.001	AGAT_FAICP		
			D61893	72	73.29	1.29	0.001	AGAT_FAICP		
73.29	79.23	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) very fine to fine-grained green intermediate amphibolite with sparse light grey quartz veinlets and strong sericitic alteration envelopes on crosscutting quartz-carbonate veinlets; patches of disseminated almandine porphyroblasts	D61894	73.29	74	0.71	0.002	AGAT_FAICP		
			D61895	74	74.61	0.61	0.002	AGAT_FAICP		
			D61896	74.61	75	0.39	0.003	AGAT_FAICP		
			D61897	75	76.2	1.2	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D61899	76.2	77	0.8	0.002	AGAT_FAICP		
			D61900	77	78.3	1.3	0.002	AGAT_FAICP		
			D61901	78.3	79.23	0.93	0.001	AGAT_FAICP		
79.23	93.95	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D61902	79.23	79.95	0.72	0.003	AGAT_FAICP		
			D61903	79.95	81	1.05	0.002	AGAT_FAICP		
			D61904	81	82.5	1.5	0.002	AGAT_FAICP		
			D61905	82.5	84	1.5	0.001	AGAT_FAICP		
			D61907	84	85.5	1.5	0.001	AGAT_FAICP		
			D61908	85.5	87	1.5	0.007	AGAT_FAICP		
			D61909	87	88	1	0.001	AGAT_FAICP		
			D61910	88	89.5	1.5	0.001	AGAT_FAICP		
			D61911	89.5	91	1.5	0.001	AGAT_FAICP		
			D61913	91	92.5	1.5	0.0005	AGAT_FAICP		
			D61914	92.5	93.95	1.45	0.001	AGAT_FAICP		
93.95	105.70	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D61915	93.95	95	1.05	0.001	AGAT_FAICP		
			D61916	95	96	1	0.002	AGAT_FAICP		
			D61917	96	97.15	1.15	0.003	AGAT_FAICP		
			D61919	97.15	97.63	0.48	0.006	AGAT_FAICP		
			D61920	97.63	99	1.37	0.003	AGAT_FAICP		
			D61921	99	100.28	1.28	0.004	AGAT_FAICP		
			D61929	105	105.7	0.7	0.007	AGAT_FAICP		
			D61922	100.28	100.62	0.34	0.002	AGAT_FAICP		
			D61923	100.62	102	1.38	0.002	AGAT_FAICP		
			D61924	102	103.11	1.11	0.002	AGAT_FAICP		
			D61925	103.11	103.41	0.3	0.0005	AGAT_FAICP		
			D61927	103.41	104	0.59	0.003	AGAT_FAICP		
			D61928	104	105	1	0.002	AGAT_FAICP		
105.70	109.25	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D61930	105.7	107	1.3	0.014	AGAT_FAICP		
			D61931	107	108	1	0.001	AGAT_FAICP		
			D61933	108	109.25	1.25	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
109.25	109.81	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke intrusive lamprophyre dyke with upper section of equant angular fragments cemented by hairline carbonate fracture infill on base edge of overlying fault zone; sharp greenish sericitized contacts with surrounding pegmatite	D61934	109.25	109.81	0.56	0.003	AGAT_FAICP		
109.81	121.81	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) intrusive granitic pegmatite with varying proportions of feldspar-dominant groundmass distinguished from sections of residual quartz settlement; patchy disseminated sections of coarse biotite; one small 30 cm interval of intermediate amphibolite at 118 m depth	D61935	109.81	111	1.19	0.002	AGAT_FAICP		
			D61936	111	112.5	1.5	0.002	AGAT_FAICP		
			D61937	112.5	114	1.5	0.001	AGAT_FAICP		
			D61939	114	115.5	1.5	0.002	AGAT_FAICP		
			D61940	115.5	117	1.5	0.0005	AGAT_FAICP		
			D61941	117	117.9	0.9	0.0005	AGAT_FAICP		
			D61942	117.9	118.27	0.37	0.002	AGAT_FAICP		
			D61943	118.27	119	0.73	0.004	AGAT_FAICP		
			D61944	119	120.41	1.41	0.001	AGAT_FAICP		
			D61945	120.41	121.81	1.4	0.0005	AGAT_FAICP		
121.81	123.10	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) moderately-banded green and grey intermediate amphibolite with patches of white leucosomatic melt and ink black melanocratic rims around weathered garnet clusters; thin grey quartz veinlets at high angle to foliation and banding defined by varying concentrations of amphibole; two narrow ultramafic dykelets cutting across unit	D61947	121.81	123.1	1.29	0.006	AGAT_FAICP		
123.10	124.35	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) coarse to very coarse-grained pink and grey granitic pegmatite transitioning from very coarse anhedral feldspar and quartz grains to more equigranular coarse-grained quartz-feldspar with disseminated biotite	D61948	123.1	124.35	1.25	0.002	AGAT_FAICP		
124.35	138.55	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite fine-grained green intermediate amphibolite that transitions into coarsely-banded and garnet-porphyroblastic footwall unit at 125.6 m depth; alternating bands of varying amphibole abundance and relatively abundant garnet as compared to other units; small patches of clinopyroxene and white leucosomatic melt; intermittent sericitic alteration envelopes on quartz-carbonate veinlets	D61949	124.35	125	0.65	0.002	AGAT_FAICP		
			D61950	125	125.59	0.59	0.003	AGAT_FAICP		
			D61951	125.59	127	1.41	0.004	AGAT_FAICP		
			D61953	127	128	1	0.002	AGAT_FAICP		
			D61954	128	129	1	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D61955	129	130	1	0.005	AGAT_FAICP		
			D61963	135.5	137	1.5	0.003	AGAT_FAICP		
			D61964	137	138	1	0.002	AGAT_FAICP		
			D61965	138	138.55	0.55	0.002	AGAT_FAICP		
			D61956	130	131	1	0.003	AGAT_FAICP		
			D61957	131	132	1	0.002	AGAT_FAICP		
			D61959	132	132.53	0.53	0.006	AGAT_FAICP		
			D61960	132.53	132.9	0.37	0.004	AGAT_FAICP		
			D61961	132.9	134	1.1	0.002	AGAT_FAICP		
			D61962	134	135.5	1.5	0.004	AGAT_FAICP		
138.55	138.97	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke massive grey and black intrusive lamprophyre dyke with abundant carbonate phenocrysts; knife-sharp contacts	D61967	138.55	138.97	0.42	0.002	AGAT_FAICP		
138.97	140.42	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite medium-grained green footwall amphibolite with wavy foliation undulating along core long axis and patchy clots of almandine porphyroblasts; some bands defined by alternating amphibole-rich and clinopyroxene-rich composition	D61968	138.97	140.42	1.45	0.005	AGAT_FAICP		
140.42	140.98	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone fine-grained dark grey quartz-feldspar-biotite unit with weak foliation and group of diffuse narrow sericite alteration envelopes on quartz-carbonate veinlets	D61969	140.42	140.98	0.56	0.001	AGAT_FAICP		
140.98	141.39	(QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated coarse to very coarse-grained quartz-rich vein or pegmatite with sparse floating pink feldspar grains and minor biotite	D61970	140.98	141.39	0.41	0.005	AGAT_FAICP		
141.39	142.93	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite green and grey medium to coarse-grained footwall amphibolite composed of alternating amphibole and quartz-feldspar bands; unit has wavy variable foliation tracing the outline of tight and open folds; minor almandine garnet porphyroblasts in sparse patches	D61971	141.39	142	0.61	0.003	AGAT_FAICP		
			D61973	142	142.93	0.93	0.003	AGAT_FAICP		
142.93	148.87	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29%								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
BI) above or proximal to gold zone			D61974	142.93	144	1.07	0.001	AGAT_FAICP		
medium-grained light to dark grey quartz-feldspar-biotite unit with patches of silicification and leucosomatic partial melting; low abundance of coarse almandine porphyroblasts scattered throughout unit and small lamprophyre dykelet from 146.61 m to 146.78 m depth with angles given in point structures tab; intermittent quartz-carbonate stringers with potassic and sericitic alteration haloes			D61975	144	145.2	1.2	0.002	AGAT_FAICP		
			D61976	145.2	146.61	1.41	0.001	AGAT_FAICP		
			D61977	146.61	147	0.39	0.002	AGAT_FAICP		
			D61979	147	148	1	0.004	AGAT_FAICP		
148.87	149.50	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D61981	148.87	149.5	0.63	0.001	AGAT_FAICP		
coarse to very coarse-grained blotchy grey and pink pegmatite with trails of chlorite alteration and spotty almandine garnet porphyroblasts; wavy deformed contacts with surrounding units										
149.50	154.95	(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D61982	149.5	151	1.5	0.002	AGAT_FAICP		
medium-grained quartz-feldspar-biotite unit with trace to weak foliation transitions into weakly silicified and banded fine-grained intermediate amphibolite at 152 m depth; intermittent sericitic alteration envelopes on crosscutting quartz-carbonate veinlets			D61983	151	152	1	0.002	AGAT_FAICP		
			D61984	152	153	1	0.003	AGAT_FAICP		
			D61985	153	154	1	0.003	AGAT_FAICP		
			D61987	154	154.95	0.95	0.008	AGAT_FAICP		
154.95	159.36	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D61988	154.95	156	1.05	0.0005	AGAT_FAICP		
coarse to very coarse-grained granitic pegmatite with middle section of yellowish-grey quartz-rich pegmatite; coarse lone garnets scattered throughout unit and sparse patches of biotite			D61989	156	157.5	1.5	0.002	AGAT_FAICP		
			D61990	157.5	158	0.5	0.001	AGAT_FAICP		
			D61991	158	159.36	1.36	0.003	AGAT_FAICP		
159.36	168.47	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D61993	159.36	160	0.64	0.003	AGAT_FAICP		
fine-grained green intermediate amphibolite with occasional banding and patchy bands of almandine garnet porphyroblasts; some clinopyroxene-rich bands and patchy quartz sections; occasional sericitic alteration envelopes on quartz-carbonate veinlets; tight fold broken out in point structures tab			D61994	160	160.3	0.3	0.002	AGAT_FAICP		
			D61995	160.3	161.52	1.22	0.002	AGAT_FAICP		
			D61996	161.52	163	1.48	0.002	AGAT_FAICP		
			D61997	163	164.5	1.5	0.002	AGAT_FAICP		
			D61999	164.5	166	1.5	0.002	AGAT_FAICP		
			D62000	166	167.5	1.5	0.002	AGAT_FAICP		
			D70001	167.5	168.47	0.97	0.002	AGAT_FAICP		
168.47	169.83	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		(50-90% quartz)	D70002	168.47	169.83	1.36	0.001	AGAT_FAICP		coarse to very coarse-grained quartz-rich granitic pegmatite characterized by cloudy yellowish-grey quartz groundmass with diffuse floating pink feldspars throughout; flecks of biotite meander through unit as well as one incorporated fragment of garnet-bearing biotite-rich wallrock at lower contact
169.83	172.36	(AMP, GBFG) Amphibolite, Garnet Biotite Felsic Gneiss, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D70003	169.83	171	1.17	0.006	AGAT_FAICP		coarse-grained and gently-folded almandine garnet-porphyroblastic GBFG transitions into a dark green almandine porphyroblast-rich amphibolite with a fine-grained amphibole matrix; narrow intermittent dark grey quartz veinlets in amphibolite and a couple lonely moderately sericite-enveloped quartz-carbonate veinlets in GBFG
			D70004	171	172.36	1.36	0.004	AGAT_FAICP		
172.36	175.40	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D70005	172.36	173.5	1.14	0.001	AGAT_FAICP		PEG: pink & lt to med grey to beige; c-vcg w/ some coarsening w/ depth & more qz w/ depth; 15% qz; 5% bi; 2% mu; low sulphide min content; ct's prll to fol in surrounding intervals
			D70007	173.5	174.5	1	0.004	AGAT_FAICP		
			D70008	174.5	175.4	0.9	0.001	AGAT_FAICP		
175.40	176.68	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	D70009	175.4	176	0.6	0.002	AGAT_FAICP		AMP: grey green; weakly foliated 40dta; 1 & 5.5cm wd dk grey qz vns & 11cm wd PEG vn w/ 75% qz; all vns prll to fol; tiny carbonate strs w/ varying orientations; 3% bi; 40% am; 30% ga porphyroblasts up to 5mm wd: less ga w/ depth; low sulphide min content; weak ser; ep & hm alt as haloes of fractures & carbonate strs
			D70010	176	176.68	0.68	0.004	AGAT_FAICP		
176.68	177.90	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D70011	176.68	177.9	1.22	0.004	AGAT_FAICP		LAMP: dark brown; massive; fg: vfg near ct's; low sulphide min content; 3% xenoliths up to 3mm wd; sharp ct's 45/15dtca
177.90	181.40	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D70013	177.9	179	1.1	0.002	AGAT_FAICP		PEG: pink & light to dk grey; c-vcg w/ local variations in grain size; 30% qz; 5% bi; low sulphide min content; 1.5cm wd bi rich band @ edge of PEG beside ct w/ above LAMP; lower ct is roughly perp to AMP below
			D70014	179	180.5	1.5	0.0005	AGAT_FAICP		
			D70015	180.5	181.4	0.9	0.001	AGAT_FAICP		
181.40	197.49	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D70016	181.4	182	0.6	0.002	AGAT_FAICP		AMP: grey green; weak to mod fol 40-50dtca decreasing in intensity w/ depth; 7% PEG vns up to 13cm wd w/ ~50% qz; 3% med to lt grey transparent type qz vns up to 5cm wd; both qz & PEG vns mostly prll to fol but some perp; largest described in vn log; 2% bi to 191.1; decreasing somewhat w/ depth; 50% am; 4% ga porphyroblasts up to 5mm wd: 4% to 191.1
			D70017	182	183.5	1.5	0.003	AGAT_FAICP		
			D70019	183.5	185	1.5	0.003	AGAT_FAICP		
			D70020	185	186.5	1.5	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		then 2%; low sulphide min content	D70021	186.5	188	1.5	0.002	AGAT_FAICP		
			D70022	188	189	1	0.002	AGAT_FAICP		
			D70030	197	197.49	0.49	0.002	AGAT_FAICP		
			D70023	189	190.5	1.5	0.002	AGAT_FAICP		
			D70024	190.5	192	1.5	0.002	AGAT_FAICP		
			D70025	192	193	1	0.002	AGAT_FAICP		
			D70027	193	194	1	0.003	AGAT_FAICP		
			D70028	194	195.5	1.5	0.002	AGAT_FAICP		
			D70029	195.5	197	1.5	0.002	AGAT_FAICP		
197.49	198.93	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D70031	197.49	198.93	1.44	0.004	AGAT_FAICP		
		LAMP: dark grey; massive; 4% xenoliths up to 4mm dia; a few tiny carbonate strcs; 5% mg; low sulphide min content; sharp ct's 30/40dtca								
198.93	211.00	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D70033	198.93	200	1.07	0.002	AGAT_FAICP		
		AMP: grey green; weak to mod fol 65-70dtca; 1% lt to dk grey qz vns prll to fol <=1.5cm wd; also patches up to 7cm wd w/ ga porphs & mg am +/- white qz; 55% am; 18% ga porphyroblasts up to 7mm dia; 0.5% py from 206: py has patchy distribution; is mg & surrounds am grains; trace of po; weak ser alt as fracture haloes	D70034	200	201	1	0.006	AGAT_FAICP		
			D70035	201	202	1	0.005	AGAT_FAICP		
			D70036	202	203	1	0.007	AGAT_FAICP		
			D70037	203	204	1	0.002	AGAT_FAICP		
			D70039	204	205	1	0.003	AGAT_FAICP		
			D70040	205	206	1	0.003	AGAT_FAICP		
			D70041	206	207	1	0.005	AGAT_FAICP		
			D70042	207	208	1	0.006	AGAT_FAICP		
			D70043	208	209	1	0.005	AGAT_FAICP		
			D70044	209	210	1	0.006	AGAT_FAICP		
			D70045	210	211	1	0.003	AGAT_FAICP		
211.00	211.33	(QV, AMP) Quartz Vein, Amphibolite, (QZVT1) Quartz flooding +/- AM, PY, PO, etc	D70047	211	211.33	0.33	0.004	AGAT_FAICP		
		QV: 2 flooding type qz vns 9 & 10cm wd prll to fol of surrounding AMP; med to dk grey transparent type vns prll to fol; fg py: none in 1st vn; 0.5% in AMP between; 0.3% in 2nd vn; 7% m-cg ga inside & outside vns								
211.33	218.55	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D70048	211.33	212	0.67	0.004	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
AMP: grey green; weakly foliated 65dtca; med to dk grey qz vns <2cm wd prll to oblique to fol; 55% am w/ areas w/ am porphyroblasts; ga porphyroblasts up to 5mm wd: 1% to 216.3 then 3%; 0.5% py to 213.2; weak ser alt w/ ser strs prll & oblique to fol; weak carbonate alt w/ carbonate vns & strs <=2cm wd prll & oblique to fol			D70049	212	213.5	1.5	0.002	AGAT_FAICP		
			D70050	213.5	215	1.5	0.004	AGAT_FAICP		
			D70051	215	216.5	1.5	0.002	AGAT_FAICP		
			D70053	216.5	217.5	1	0.002	AGAT_FAICP		
			D70054	217.5	218.55	1.05	0.002	AGAT_FAICP		
218.55	219.02	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D70055	218.55	219.02	0.47	0.002	AGAT_FAICP		AMP: grey green; weakly foliated 65dtca; w/ 50% sericitized fracture haloes: the fractures are moslty prll to fol but some are oblique; 50% am; low sulphide min content; mod ser alt
219.02	233.28	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D70065	229	230.5	1.5	0.002	AGAT_FAICP		AMP: grey green; moderate foliation 50-60dtca; 2% dk to lt grey weakly boudinaged qz vns prll to fol; some w/ carbonate: dark transparent type <=1cm wd; lt type w/ carbonate <-2.5cm wd; 50% am; 8% ga as porphyroblats up to 4mm dia diss & aggregates but distribution quite patchy; 0.2% py; weak carbonate alt as patches w/ perv carbonate & tiny carb strs w/ varying orientations
			D70067	230.5	232	1.5	0.003	AGAT_FAICP		
			D70068	232	233.28	1.28	0.003	AGAT_FAICP		
			D70059	221.5	222.2	0.7	0.004	AGAT_FAICP		
			D70060	222.2	223	0.8	0.003	AGAT_FAICP		
			D70061	223	224.5	1.5	0.003	AGAT_FAICP		
			D70062	224.5	226	1.5	0.002	AGAT_FAICP		
			D70063	226	227.5	1.5	0.008	AGAT_FAICP		
			D70064	227.5	229	1.5	0.004	AGAT_FAICP		
			D70056	219.02	220	0.98	0.005	AGAT_FAICP		
D70057	220	221.5	1.5	0.003	AGAT_FAICP					
233.28	234.86	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	D70069	233.28	234	0.72	0.002	AGAT_FAICP		AMP: grey green; moderate foliation 70dtca; weak to mod brecciaton w/ 50% sericitized fracture haloes & haloes around carbonate strs: the fractures are moslty somewhat oblique to the fol w/ some variation in orientation; also hm in the haloes. 1% med grey qz patches up to 1cm wd in brecciated areas also areas w/ perv carbonate alt; 50% am; 20% ga from 234.1: ga in porphyroblasts up to 4mm dia in aggregates; 1% fg py from 234.1; mod ser alt; weak carbonate alt; weak hm alt
			D70070	234	234.86	0.86	0.004	AGAT_FAICP		
234.86	243.57	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	D70071	234.86	236	1.14	0.002	AGAT_FAICP		AMP: grey green; moderately well foliated 50-60dtca w/ some local variation; 2% transparent type qz vns up to 3.5cm wd prll to fol; also a few white qz strs also prll to fol commonly associated w/ garnetiferous areas; 50% am; 5% ga porphyroblasts up to 4mm wd w/ patchy distribution; 0.2% py; also trace of po in garnetiferous areas
			D70073	236	237.5	1.5	0.002	AGAT_FAICP		
			D70074	237.5	238.5	1	0.002	AGAT_FAICP		
			D70075	238.5	239.5	1	0.004	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D70076	239.5	240.5	1	0.002	AGAT_FAICP		
			D70077	240.5	241.5	1	0.003	AGAT_FAICP		
			D70079	241.5	242.5	1	0.004	AGAT_FAICP		
			D70080	242.5	243.5	1	0.005	AGAT_FAICP		
243.57	245.00	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	D70081	243.5	245	1.5	0.003	AGAT_FAICP		Dark grey to dark green; fcg; weak patchy CL alteration and wk wispy SER alt; many mm-scale QZ-CB stringers cut unit sub-parallel to foliation measured at 55dtca; variable abundances of GRT throughout with lcl sections up to 15% fcg POB to AGR with overall texture POB 4-5%; lcl BND defined by CARB-rich CLTY-textured CB-AMP stringers; broken/rubbly core from 243.00-246 with RQD ~50%; 1 fault gouge at 245.28-245.52m; no significant mineralization; sharp lower contact with UMD-LAMPD measured at 20dtca
245.00	246.25	(UMD) UMLAMP DiKE, (LAMPD) UMD - Lamprophyre Dyke	D70082	245	246.25	1.25	0.004	AGAT_FAICP		Dark brown; fg; no sig min or alt; chalky clay-like gouge at 245.28-245.52m; sharp lower contact - no line drawn on core to get orientation angles and contact occurs over broken/poorly drilled core
246.25	256.09	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	D70083	246.25	247	0.75	0.002	AGAT_FAICP		Dark grey to dark green; fcg; weak patchy CL alteration and wk wispy SER alt; many mm-scale QZ-CB stringers cut unit sub-parallel to foliation measured at 55dtca; variable abundances of GRT throughout with lcl sections up to 15% fcg POB to AGR with overall texture POB 4-5%; lcl BND defined by CARB-rich CLTY-textured CB-AMP stringers; broken/rubbly core from 243.00-246 with RQD ~50%; 1 fault gouge at 245.28-245.52m; no significant mineralization; sharp lower contact with UMD-LAMPD measured at 20dtca
			D70084	247	248	1	0.003	AGAT_FAICP		
			D70085	248	249.5	1.5	0.003	AGAT_FAICP		
			D70087	249.5	251	1.5	0.002	AGAT_FAICP		
			D70088	251	252.5	1.5	0.002	AGAT_FAICP		
			D70089	252.5	254	1.5	0.004	AGAT_FAICP		
			D70090	254	255	1	0.005	AGAT_FAICP		
			D70091	255	256.09	1.09	0.005	AGAT_FAICP		
256.09	256.56	(UMD) UMLAMP DiKE, (LAMPD) UMD - Lamprophyre Dyke	D70093	256.09	256.56	0.47	0.003	AGAT_FAICP		Dark brown; fmg; no significant alteration or mineralization; few CB stringers cut through unit sub-parallel to contact angle; few mg CB xenoliths entrained in fg matrix; sharp upper and lower contacts each measured at 20dtca
256.56	264.10	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	D70094	256.56	258	1.44	0.005	AGAT_FAICP		Green to light-green; fmg; moderate banded texture and subsequent foliation defined by QZ-CB-CPX-GRT banded assemblages and mm-scale QZ-CB stringers measured at 60-66dtca; overall 10% fmg disse to patchy GRT; traces of fg PY min
			D70095	258	259.5	1.5	0.002	AGAT_FAICP		
			D70096	259.5	261	1.5	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D70097	261	262.5	1.5	0.002	AGAT_FAICP		
			D70099	262.5	263.32	0.82	0.004	AGAT_FAICP		
			D70100	263.32	264.1	0.78	0.003	AGAT_FAICP		
264.10	264.56	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D70101	264.1	264.56	0.46	0.001	AGAT_FAICP		
		Pink and white; fcg; weak patchy POT alt to mcg pink-feldspars; no sig min; moderate CL alteration halo at lower contact								
264.56	272.57	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	D70102	264.56	266	1.44	0.003	AGAT_FAICP		
		Dark grey to dark green; fcg; weakly silicified; weak patchy CG alt; POR texture defined by 15-20% fcg POB to dissem/band GRT; overall banding defined by aforementioned GRT and QZ-CB-GRT-CPX assemblages banded parallel to overall foliation measured at 60dtca; no significant mineralization	D70103	266	267.5	1.5	0.001	AGAT_FAICP		
			D70104	267.5	268.23	0.73	0.002	AGAT_FAICP		
			D70105	268.23	268.9	0.67	0.003	AGAT_FAICP		
			D70107	268.9	269.5	0.6	0.005	AGAT_FAICP		
			D70108	269.5	271	1.5	0.006	AGAT_FAICP		
			D70109	271	271.78	0.78	0.006	AGAT_FAICP		
			D70110	271.78	272.57	0.79	0.006	AGAT_FAICP		
272.57	274.91	(FGC) Felsic Gneiss Conglomerate, ()	D70111	272.57	273.57	1	0.014	AGAT_FAICP		
		Grey to dark grey to beige; fcg; moderate silicification; weak-moderate patchy/wispy SER alt; elongated QZ-CB and AMP clasts with 10:1 aspect ratios define banding and subsequent foliation measured at 60dtca; 4-5% dissem to patchy/AGR GRT mimics foliation/banding	D70113	273.57	274.57	1	0.017	AGAT_FAICP		
			D70114	274.57	274.91	0.34	0.008	AGAT_FAICP		
274.91	275.68	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D70115	274.91	275.68	0.77	0.002	AGAT_FAICP		
		Dark grey to black; fg; few mm-scale QZ-CB stringers; weakly defined vassicular-like appearance lclly; upper and lower contacts measured at 60 and 20 dtca respectively								
275.68	276.09	(UMD, AMP) UMLAMP Dike, Amphibolite, (LAMPD) UMD - Lamprophyre Dyke	D70116	275.68	276.09	0.41	0.005	AGAT_FAICP		
		Split 50/50 interval composed of uphole UMD-LAMPD and AMPIN showing fmg dissem HBL grains weakly foliated; no sig min or alt								
276.09	277.45	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D70117	276.09	277.45	1.36	0.002	AGAT_FAICP		
		Dark brown; fmg; weak-mod XNL texture defined by fmg rounded to subhedral plagioclase feldspar xenoliths with weak potassic feldspar reaction rim lining mineral-host rock interface;								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
similar vossicular-like appearance to unit defined by CB-filled vossicles; sharp upper and lower contacts both measured at 70dtca										
277.45	282.47	(FGC) Felsic Gneiss Conglomerate, ()	D70119	277.45	278.48	1.03	0.013	AGAT_FAICP		
Dark grey; fcg; moderately silicified; moderately conglomeratic overall with lcl well- and poorly-defined sections; clast shape angular to lclly subrounded and composed of FGS; AMP; and QZ; weak banding defined by elongation of clasts along foliation plane measured at 60dtca; minor 2% fmg POB to dissem GRT mimics banding/foliation; 10% AMP and 20% BIO composes matrix; 3 PEGQG veins cut unit concordant with foliation hosting no sig min showing no sig texture; unit grows more matrix-supported towards lower contact; no significant mineralization			D70120	278.48	279.48	1	0.01	AGAT_FAICP		
			D70121	279.48	280.48	1	0.014	AGAT_FAICP		
			D70122	280.48	281.48	1	0.036	AGAT_FAICP		
			D70123	281.48	282.47	0.99	0.01	AGAT_FAICP		
282.47	283.75	(FGC) Felsic Gneiss Conglomerate, ()	D70124	282.47	283.75	1.28	0.006	AGAT_FAICP		
Dark grey; fmg; moderately silicified with weak-moderate SER alt halos around mm-scale wispy QZ-CB stringers; trace amts of angular AMP-clasts denote lithology; otherwise unit is wholly composed of fmg AMP+BIO matrix; no sig min; inferred lower contact										
283.75	287.05	(FGC) Felsic Gneiss Conglomerate, ()	D70125	283.75	284.75	1	0.017	AGAT_FAICP		
Dark grey; fcg; moderate silicification; CONG texture most well-defined from 285-286m by moderately-formed mcg AMP+QZ clasts lclly elongated at 5:1 to 10:1 aspect ratios; overall texture weak-moderate; foliation measured at 285.40m with alpha 59dtca and beta 350dtca; 0.3% fg dissem PY overall with all of PY min occurring in well-developed CONG interval			D70127	284.75	285.75	1	0.006	AGAT_FAICP		
			D70128	285.75	287.03	1.28	0.019	AGAT_FAICP		
287.05	288.27	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D70129	287.03	288.17	1.14	0.004	AGAT_FAICP		
Grey-green; fmg; weakly-moderately silicified; trace of banding defined by QZ-CB stringers; weak-mod foliation measured at 60dtca; no sig min; sharp lower contact with UMD-LAMPD										
288.27	288.37	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D70130	288.17	288.47	0.3	0.002	AGAT_FAICP		
Dark brown; fg; no significant alteration; no sig min; sharp upper and lower contacts with surrounding AMPIN but unable to obtain BETA angle due to LOL										
288.37	303.21	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D70131	288.47	289.5	1.03	0.007	AGAT_FAICP		
Dark green to grey; fmg; moderate silicification; several 1-2cm QZ-CB-KSPAR stringers cut unit throughout irregularly and at random intervals; lclly ptigmatic; 2 larger-scale PEG veins at 291.74-292.02 and 294.18-294.36m; moderate-strong foliation measured at 45dtca; no significant mineralization			D70133	289.5	290.45	0.95	0.005	AGAT_FAICP		
			D70134	290.45	291.74	1.29	0.004	AGAT_FAICP		
			D70135	291.74	292.04	0.3	0.003	AGAT_FAICP		
			D70136	292.04	293	0.96	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D70137	293	294	1	0.002	AGAT_FAICP		
			D70145	301	301.3	0.3	0.004	AGAT_FAICP		
			D70147	301.3	302.29	0.99	0.005	AGAT_FAICP		
			D70148	302.29	303.21	0.92	0.003	AGAT_FAICP		
			D70139	294	294.36	0.36	0.002	AGAT_FAICP		
			D70140	294.36	295.5	1.14	0.002	AGAT_FAICP		
			D70141	295.5	297	1.5	0.002	AGAT_FAICP		
			D70142	297	298.5	1.5	0.003	AGAT_FAICP		
			D70143	298.5	300	1.5	0.002	AGAT_FAICP		
			D70144	300	301	1	0.002	AGAT_FAICP		
303.21	307.54	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D70149	303.21	304.21	1	0.003	AGAT_FAICP		
			D70150	304.21	305.21	1	0.003	AGAT_FAICP		
		Grey-green; fmg throughout showing a weakly equigranular crystal habit to AMP and PLAG; moderately foliated at 45-50dtca; few mm-cm scale QZ-CB stringers cut unit throughout sub-parallel to foliation; no significant mineralization; sjarp lower contact with UMD-LAMPD	D70151	305.21	306.21	1	0.004	AGAT_FAICP		
			D70153	306.21	307.54	1.33	0.004	AGAT_FAICP		
307.54	310.30	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D70154	307.54	309	1.46	0.004	AGAT_FAICP		
		Dark grey; fmg; very feint ppy texture defined by anhedral CB-filled vessicles (?); no sig min; no sig veining; 15cm sliver of uphole AMPIN from 307.92-308.07m; sharp upper and lower contacts	D70155	309	310.3	1.3	0.004	AGAT_FAICP		
310.30	310.90	(UMD, AMP) UMLAMP Dike, Amphibolite, ()	D70156	310.3	310.9	0.6	0.002	AGAT_FAICP		
		Split 50/50 interval composed of clotty-textured beige weakly bxd UMD and dark green to dark grey fmg AMPUM defined by moderate-strong CL alteration; no sig min; sharp lower contact with true UMD-LAMPD								
310.90	311.37	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D70157	310.9	311.37	0.47	0.001	AGAT_FAICP		
		Brown; fg; no sig min or alt; sharp upper and lower contacts								
311.37	311.92	(UMD, AMP) UMLAMP Dike, Amphibolite, (LAMPD) UMD - Lamprophyre Dyke	D70159	311.37	311.92	0.55	0.002	AGAT_FAICP		
		Split 50/50 interval composed of clotty-textured dk brown UMD and dark green to dark grey fmg AMPUM defined by moderate-strong CL alteration; no sig min; sharp lower contact								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
311.92	312.23	(UMD) UMLAMP Dike, () Dark brown; fg; one mm-scale CB stringer cuts unit perpendicular to contact angles; no sig min	D70160	311.92	312.23	0.31	0.005	AGAT_FAICP		
312.23	313.04	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) Dark green; fmg; weak-moderate silicification; several mm-cm scale QZ-CB stringers cut unit both concordant and discordant with overall weak-mod fol measured at 40dtca; no sig min; sharp lower contact with 10cm UMD-LAMPD	D70161	312.23	313	0.77	0.003	AGAT_FAICP		
313.04	313.14	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Brown; fg; sharp upper and lower contact; no sig min; part of a succession of small lamp-dykes								
313.14	313.30	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) Dark green; fmg; weak-moderate silicification; small sliver of uphole AMPIN sandwiched between upper UMD dyklet and lower PEGQG; no sig min	D70162	313	313.3	0.3	0.003	AGAT_FAICP		
313.30	313.55	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz) Pink to white to grey; fcg; well-developed peg-texture defined by mcg kspar and plag and cg patchy BIO grains; no sig min; 5cm sliver of AMP ends flank of interval towards lower contact with LAMP dyklet; no sig min	D70163	313.3	313.62	0.32	0.002	AGAT_FAICP		
313.55	313.62	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Brown; fg; no sig min; sharp upper and lower contacts; last of few dm-scale dyklets								
313.62	316.63	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) Grey-green to dark green; fmg; moderate silicification and weak patchy CL alt; several mm-cm scale QZ-CB stringers cut unit irregularly to foliation defined by mg amphiboles measured at 45dtca; ptygmatic QZ stringers throughout lclly show trace amts of POT staining; no sig min; sharp upper contact and inferred lower contact	D70164 D70165 D70167	313.62 315 316	315 316 316.63	1.38 1 0.63	0.003 0.002 0.002	AGAT_FAICP AGAT_FAICP AGAT_FAICP		
316.63	317.41	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D70168	316.63	317.41	0.78	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Pink to grey to white; fcg; incusions of fragments of uphole AMP included in vein-material; 3% fmg patchy/wispy BIO entrained in vein-material; no sig min; sharp lower contact with UMD-LAMPD								
317.41	317.56	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D70169	317.41	317.71	0.3	0.001	AGAT_FAICP		Dark brown; fg; no sig min or alt; sharp upper and lower contacts
317.56	320.63	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D70169	317.41	317.71	0.3	0.001	AGAT_FAICP		Dark green; fmg; weak-moderate silica overprinting; few foliation-parallel QZ-CB stringers hosting no sig min or showing no sig alt; 318-319m shows significant change in overall 50-60dtca foliation; appears as possible fold nose with AP2 measured and A2 measured at 318.13 and 318.34m respectively; overall foliation measured at 50dtca with beta 332; no sig min; 15-20% BIO and 30-35% AMP define FOL
			D70170	317.71	319	1.29	0.004	AGAT_FAICP		
			D70171	319	320	1	0.006	AGAT_FAICP		
			D70173	320	320.63	0.63	0.002	AGAT_FAICP		
320.63	321.00	(UMD) UMLAMP Dike, ()	D70174	320.63	321	0.37	0.005	AGAT_FAICP		Dark brown; fg; no sig min or alt; sharp upper and lower contacts; few CB stringers cut unit parallel to contact alpha angle ~30dtca
321.00	324.27	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D70175	321	322	1	0.004	AGAT_FAICP		Grey-green to dark green; fmg; moderate silicification and weak patchy lcl CL alteration; foliation moderate and measured at ~52dtca; weak banding develops downhole towards lower contact mimcing foliation defined by light-green clotty/crenulated CPX; no sig min
			D70176	322	323	1	0.015	AGAT_FAICP		
			D70177	323	324.27	1.27	0.012	AGAT_FAICP		
324.27	328.40	(FGS) Felsic Gneiss Sedimentary, ()	D70179	324.27	324.6	0.33	0.0005	AGAT_FAICP		Grey to dark grey to pinkish-grey; fcg; moderate silica overprinting; moderately developed well-defined QZE/PPY textures throughout defined by rounded to subhedral QZ-FSP eyes/porphyroclasts; first half of interval well-foliated measured at 45dtca (no lines on core; can't get beta); foliation defined by fmg AMP and BIO; overall 15% AMP and 20% BIO; no sig min; upper contact very weak and lower contact sharp
			D70180	324.6	325.6	1	0.005	AGAT_FAICP		
			D70181	325.6	326.6	1	0.002	AGAT_FAICP		
			D70182	326.6	327.6	1	0.004	AGAT_FAICP		
			D70183	327.6	328.4	0.8	0.002	AGAT_FAICP		
328.40	328.80	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D70184	328.4	328.8	0.4	0.0005	AGAT_FAICP		Pink to white; fcg; weak-moderate POT staining to mcg kspar defining melt-texture; 3% fmg dissem to patchy BIO vein-hosted; no sig min; no lines on core to grab orientation data; unoriented alpha upper contact measured at 45dtca and lower contact measured at 40dtca

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
328.80	331.78	(FGS) Felsic Gneiss Sedimentary, () Grey to grey-green; fcg; moderately silica overprinted; poorly developed weak-moderately defined QZE texture by subrounded an- to subhedral QZ phenocrysts; 10% BIO and 7% AMP; no sig min; no dominant foliation; few minor inclusions of uphole PEG	D70185	328.8	330	1.2	0.004	AGAT_FAICP		
			D70187	330	331	1	0.008	AGAT_FAICP		
			D70188	331	331.78	0.78	0.007	AGAT_FAICP		
331.78	332.09	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Reddish-pink to pink to white; fcg; ptymatic QZ stringers included in vein material; no sig min; sharp upper and lower contacts	D70189	331.78	332.09	0.31	0.0005	AGAT_FAICP		
332.09	337.65	(FGS) Felsic Gneiss Sedimentary, () Grey to dark grey; fcg; moderate silicification and weak patchy/selective POT alt to texture-defining QZE; QZE texture well-developed and QZ-FSP eyes are moderately-strongly developed showing subrounded to rounded to subhedral shape; few mm-scale QZ-CB stringers cut unit at random intervals/orientations; no dominant foliation observed; trace amounts of patchy CL alt; 0.3-0.5% fg dissem PY throughout	D70190	332.09	333	0.91	0.046	AGAT_FAICP		
			D70191	333	334	1	0.003	AGAT_FAICP		
			D70193	334	335	1	0.008	AGAT_FAICP		
			D70194	335	336	1	0.002	AGAT_FAICP		
			D70195	336	337	1	0.009	AGAT_FAICP		
			D70196	337	337.65	0.65	0.007	AGAT_FAICP		
337.65	347.17	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone Grey-green; fmg; moderate POT and SER alt halos around mm-cm scale QZ-CB stringers cutting unit at random orientations throughout; initially interpreted as AMPIN the lack of amphibole disseminated in matrix and high concentration of BIO 10-15% and felsic content denotes unit FGS - POSSBILY AMP open to interp; several mm-cm scale QZ-CB stringers cut unit irregularly at random intervals with overall foliation measured at 40dtca with lcl intervals of warping/gently rolling changes in foliation; few ptymatic stringers lclly; traces of fg dissem PY 0.1% overall	D70197	337.65	338.6	0.95	0.008	AGAT_FAICP		
			D70199	338.6	339	0.4	0.003	AGAT_FAICP		
			D70200	339	340	1	0.004	AGAT_FAICP		
			D70201	340	341	1	0.002	AGAT_FAICP		
			D70202	341	342	1	0.005	AGAT_FAICP		
			D70203	342	343	1	0.004	AGAT_FAICP		
			D70204	343	344	1	0.005	AGAT_FAICP		
			D70205	344	345	1	0.024	AGAT_FAICP		
			D70207	345	346	1	0.005	AGAT_FAICP		
D70208	346	347.17	1.17	0.013	AGAT_FAICP					
347.17	348.69	(QV, AMP) Quartz Vein, Amphibolite, (QZVT2) Massive quartz vein Split 50/50 interval composed of massive contorted/folded QV2 material and crenulated BIO-rich AMPIN; veining included chunks of amphibolite and beige potassium feldspar; no significant minerlaization; upper and lower contacts inferred to break out this vein-rich interval of AMPIN	D70209	347.17	348	0.83	0.003	AGAT_FAICP		
			D70210	348	348.69	0.69	0.004	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
348.69	354.00	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D70211	348.69	350	1.31	0.002	AGAT_FAICP		
		Grey-green; fmg; moderate silicification; moderate foliation measured at 40dtca overall with one FOL measurement taken at 353.75m shoing alpha of 36 and beta of 310 tca; no significant mineralization; few pygmatic QZ stringers; EOH=354.00m	D70213	350	351	1	0.008	AGAT_FAICP		
			D70214	351	352	1	0.005	AGAT_FAICP		
			D70215	352	353	1	0.014	AGAT_FAICP		
			D70216	353	354	1	0.004	AGAT_FAICP		EOH=354

Hole ID : RD19-00011

Project : Borden

Drilling Details :

Azimuth : 165.9
 Dip : -44.9
 Length : 342
 Drill Start : 18-Jun-2019
 Drill Completed : 23-Jun-2019
 Core Size : NQ
 Drill Company : Major
 Oriented Core : No

Location Details :

Easting : 343159
 Northing : 5305219
 Elevation : 430
 UTM Grid : NAD83_UTMZ17N_GPS
 Township : Gamey
 Storage Location : Chapleau Ont

Logging Details :

Logged By : Mike.Schweinberger
 Logged By 2 : Clayton.Peskleway
 Log Start : 22-Jun-2019
 Log Completed : 6-Jul-2019
 Re-Logged By :
 Re-Log Start :
 Re-Log Completed :

Comments :

water source in pond; trouble at 6m so core barrel pulled and casing reamed back to 6m; van ruth plug; hexagonal stabilization; geology representative of intercalated FGS and amphibolite; various low-temperature reheating recorded in blotchy to banded quartz and quartz-feldspar accumulation in metasediment textures; large section of intermediate amphibolite in lower 100m of core along with various lamprophyre and diabase dykes; minimal mineralization and abundant granitic pegmatite cutting amphibolite units signifying broad regional fluid flux; Mike logged 71.44 m; Clayton logged 43.06 m; Colt logged 227.95 m

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	1.70	(OB) Overburden, ()								
1.70	4.70	(DIA) Diabase Dike, ()	D62501	1.7	3.2	1.5	0.015	AGAT_FAICP		
		fine dark grey mas magnetic DIA; mostly broken ground core; upper limit to OB uncertain (core put in core box to about 1.7m measuring back from first block at 6m)	D62502	3.2	4.7	1.5	0.01	AGAT_FAICP		
4.70	6.32	(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, (FGSMU) Muscovite-rich FGS	D62503	4.7	5.5	0.8	0.004	AGAT_FAICP		
		fine to med mod fol FGS with frequ fol parallel mas med to coarse QF stringers up to 3cm in thickness; weak to med fine to med bio; traces of fine to med aggreg of musco; very minor very fine anh dissempy	D62504	5.5	6.32	0.82	0.063	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
6.32	7.60	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke fine mas geenish grey lamp; sections with healed frac; patchy looking; seems to be multiple inceptions of lamps into lamps; both ends ground	D62505	6.32	7	0.68	0.003	AGAT_FAICP		
			D62507	7	7.6	0.6	0.003	AGAT_FAICP		
7.60	8.30	(FGS, UMD) Felsic Gneiss Sedimentary, UMLAMP Dike, () FLT?: fine to med weakly fol qtz-eyes bearing FGS with a few mm-cm-thick partly irreg stringers of Lamp; healed fractures and bleached appearance indicates fault rock; very weak fine to med bio; upper contact ground; no sulphides	D62508	7.6	8.3	0.7	0.004	AGAT_FAICP		
8.30	10.22	(FGS) Felsic Gneiss Sedimentary, () med grained weakly to med fol FGS; weak med bio; some qtz eyes; upper contact grad; no sulphides	D62509	8.3	9.26	0.96	0.004	AGAT_FAICP		
			D62510	9.26	10.22	0.96	0.004	AGAT_FAICP		
10.22	14.30	(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS fine to med light grey mod fol FGSMU with qtz eyes; weak fine to med bio; weak aggreg of fine to med musco; weak fine anh dissem py; upper contact grad at about 37	D62511	10.22	11	0.78	0.003	AGAT_FAICP		
			D62513	11	12	1	0.003	AGAT_FAICP		
			D62514	12	12.8	0.8	0.013	AGAT_FAICP		
			D62515	12.8	13.4	0.6	0.007	AGAT_FAICP		
			D62516	13.4	14.3	0.9	0.002	AGAT_FAICP		
14.30	15.68	(FGS) Felsic Gneiss Sedimentary, () fine to med weakly to mod fol light grey often pinkish FGS; frequ section of QF stringer zones; weakly to mod KSp/Ser altered mostly as haloes along QF stringers and/or thin qtz-carb hairline stingers/coated fractures; weak fine to med bio; some sections weakly magnetic; very weak very fine dissem anh py; upper contact grad	D62517	14.3	15	0.7	0.027	AGAT_FAICP		
			D62519	15	15.68	0.68	0.001	AGAT_FAICP		
15.68	16.67	(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS FGSMU with the first 16cm being borderline FGG; moderate med aggreg of musco; some med to coarse aggreg of sillimanite; weak fine to med bio; upper 16cm ser and KSp altered as haloes; upper contact sharp	D62520	15.68	16.67	0.99	0.004	AGAT_FAICP		
16.67	27.81	(FGS) Felsic Gneiss Sedimentary, () fine to med weakly to mod fol light grey often pinkish FGS; frequ section of QF stringer zones; weakly to mod KSp/Ser altered mostly as haloes along QF stringers and/or thin qtz-carb hairline stingers/coated fractures; weak fine to med bio; some sections weakly magnetic; very weak very fine dissem anh py; upper contact grad; thin sliver of lamp at 17.92-17.93; 5cm thick foliation parallel AMP band at 27.53-27.58	D62521	16.67	17.33	0.66	0.0005	AGAT_FAICP		
			D62522	17.33	18	0.67	0.002	AGAT_FAICP		
			D62523	18	19	1	0.0005	AGAT_FAICP		
			D62524	19	20	1	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D62525	20	20.7	0.7	0.0005	AGAT_FAICP		
			D62527	20.7	21.67	0.97	0.006	AGAT_FAICP		
			D62535	25.3	26.17	0.87	0.004	AGAT_FAICP		
			D62536	26.17	27	0.83	0.002	AGAT_FAICP		
			D62537	27	27.81	0.81	0.004	AGAT_FAICP		
			D62528	21.67	22.2	0.53	0.003	AGAT_FAICP		
			D62529	22.2	22.92	0.72	0.002	AGAT_FAICP		
			D62530	22.92	23.31	0.39	0.003	AGAT_FAICP		
			D62531	23.31	24	0.69	0.005	AGAT_FAICP		
			D62533	24	24.55	0.55	0.002	AGAT_FAICP		
			D62534	24.55	25.3	0.75	0.004	AGAT_FAICP		
27.81	31.26	(DIA, UMD) Diabase Dike, UMLAMP Dike, ()	D62539	27.81	29	1.19	0.005	AGAT_FAICP		
		Diabase with sections of Lamp at 129.73-129.83 and 130.29-130.78; both fine dark grey and massive and magnetic; lamp with med flakes of bio; DIA with med fsp phenocrysts; upper contact sharp	D62540	29	30.26	1.26	0.003	AGAT_FAICP		
			D62541	30.26	31.26	1	0.003	AGAT_FAICP		
31.26	35.80	(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS	D62542	31.26	32	0.74	0.002	AGAT_FAICP		
		fine to med weakly to mod fol light grey FGSMU; traces to weak fine to med aggreg of musco; weak fine to med bio; sections and slivers of Lamp at 31.73-31.85; 32.12-32.13; 32.32-32.45; some minor ser haloes along QF stringers; upper contact sharp; no sulphides; a few white pegmaticic mostly fol with minor folding partic below 33.89	D62543	32	32.8	0.8	0.001	AGAT_FAICP		
			D62544	32.8	33.11	0.31	0.002	AGAT_FAICP		
			D62545	33.11	33.7	0.59	0.001	AGAT_FAICP		
			D62547	33.7	34	0.3	0.003	AGAT_FAICP		
			D62548	34	35	1	0.002	AGAT_FAICP		
			D62549	35	35.8	0.8	0.003	AGAT_FAICP		
35.80	36.85	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D62550	35.8	36.85	1.05	0.003	AGAT_FAICP		
		fine massive dark grey lamp; freq semiang carb patches less than 3mm in size; upper contact sharp; magnetic								
36.85	39.60	(FGS) Felsic Gneiss Sedimentary, ()	D62551	36.85	37.7	0.85	0.014	AGAT_FAICP		
		fine to med weakly to mod fol light grey FGS; weak fine to med bio; some QF stringers up to 7cm thick that are moslty fol parallel some of which have med aggreg of musco; very weak very fine dissem anh py; upper contact sharp	D62553	37.7	38.55	0.85	0.003	AGAT_FAICP		
			D62554	38.55	39.6	1.05	0.022	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
39.60	40.01	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke fine med to light green ser alt lamp; contacts sharp; surrounded by alt halow of ksp and ser	D62555	39.6	40.01	0.41	0.002	AGAT_FAICP		
40.01	48.79	(FGS) Felsic Gneiss Sedimentary, () fine to med weakly to mod light grey FGS; weak fine to med bio; very weak very fine anh dissem py; upper contact sharp; semi-frequ ksp/ser alteration haloes along some qf stringers and qtz-carb hairline stringers; greenish Lamp at 47.49-47.76	D62556	40.01	40.5	0.49	0.004	AGAT_FAICP		
			D62557	40.5	41.5	1	0.005	AGAT_FAICP		
			D62559	41.5	42.5	1	0.01	AGAT_FAICP		
			D62560	42.5	43.5	1	0.003	AGAT_FAICP		
			D62561	43.5	44.43	0.93	0.01	AGAT_FAICP		
			D62562	44.43	45.28	0.85	0.004	AGAT_FAICP		
			D62563	45.28	45.67	0.39	0.006	AGAT_FAICP		
			D62564	45.67	46.5	0.83	0.002	AGAT_FAICP		
			D62565	46.5	47.44	0.94	0.004	AGAT_FAICP		
			D62567	47.44	47.76	0.32	0.002	AGAT_FAICP		
			D62568	47.76	48.79	1.03	0.003	AGAT_FAICP		
48.79	49.22	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke mas dark grey lamp with 1cm greenish chill margins at contacts; contacts sharp; zones with fre angular carb patches up to 0.5cm in size	D62569	48.79	49.22	0.43	0.003	AGAT_FAICP		
49.22	53.90	(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS fine to med weakly to mod fol light grey FGSMU; weak fine to med bio; traces of fine to med aggreg of musco; traces of very fine dissem anh py; upper contact sharp; Ser alt as haloes partic above 52.65; lamp sliver at 52-59-52.60	D62570	49.22	50	0.78	0.004	AGAT_FAICP		
			D62571	50	51	1	0.01	AGAT_FAICP		
			D62573	51	52	1	0.014	AGAT_FAICP		
			D62574	52	52.65	0.65	0.013	AGAT_FAICP		
			D62575	52.65	53.3	0.65	0.004	AGAT_FAICP		
			D62576	53.3	53.9	0.6	0.004	AGAT_FAICP		
53.90	71.44	(FGS) Felsic Gneiss Sedimentary, () light grey FGS; fine to med; weakly to mod fol; upper contact grad; weak fine to med bio; weak ksp and ser haloes along QF stringers and qtz-carb hairline stringers throughout and more dominantely developed at 58.32-58.80 and 69.3-70.48; coarser section at 56.03-56.16 (Peg?); lamp at 67.30-67.42; traces of very fine dissem anh py	D62577	53.9	55	1.1	0.003	AGAT_FAICP		
			D62579	55	56	1	0.002	AGAT_FAICP		
			D62580	56	57	1	0.005	AGAT_FAICP		
			D62581	57	57.7	0.7	0.002	AGAT_FAICP		
			D62582	57.7	58.32	0.62	0.002	AGAT_FAICP		
			D62583	58.32	58.95	0.63	0.002	AGAT_FAICP		
			D62599	70.5	71.44	0.94	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D62591	64.5	65.5	1	0.003	AGAT_FAICP		
			D62593	65.5	66.5	1	0.002	AGAT_FAICP		
			D62594	66.5	67.5	1	0.002	AGAT_FAICP		
			D62595	67.5	68.5	1	0.002	AGAT_FAICP		
			D62596	68.5	69.5	1	0.001	AGAT_FAICP		
			D62597	69.5	70.5	1	0.001	AGAT_FAICP		
			D62584	58.95	59.46	0.51	0.0005	AGAT_FAICP		
			D62585	59.46	60.5	1.04	0.002	AGAT_FAICP		
			D62587	60.5	61.5	1	0.002	AGAT_FAICP		
			D62588	61.5	62.5	1	0.002	AGAT_FAICP		
			D62589	62.5	63.5	1	0.001	AGAT_FAICP		
			D62590	63.5	64.5	1	0.002	AGAT_FAICP		
71.44	72.63	(UMD, FGS) UMLAMP Dike, Felsic Gneiss Sedimentary, (LAMPD) UMD - Lamprophyre Dyke	D62600	71.44	72	0.56	0.003	AGAT_FAICP		
		LAMP: dark greenish brown; 5% xenoliths up to 3mm dia; nonmagnetic; low sulphide min content; irregular body of FGS from 71.69 to 71.85; ct's roughly prll to foliation in surrounding intervals	D62601	72	72.63	0.63	0.002	AGAT_FAICP		
72.63	76.71	(FGS) Felsic Gneiss Sedimentary, ()	D62602	72.63	73	0.37	0.003	AGAT_FAICP		
		FGS: medium grey; fol 50-60dtca: massive at top of interval grading to weak fol at botttom; grain size increases w/ depth from f-mg to m-cg; 17% PEG vns w/ 30-50% qz up to 9cm wd & prll to fol; fold in vns recorded in pt structure log; 20% bi; 0.3% mu; 0.2% py; weak ser alt as fracture haloes w/ varying orientations; 1cm wd LAMP vn 75.87-75.94	D62603	73	74	1	0.004	AGAT_FAICP		
			D62604	74	75	1	0.003	AGAT_FAICP		
			D62605	75	76	1	0.002	AGAT_FAICP		
			D62607	76	76.71	0.71	0.002	AGAT_FAICP		
76.71	77.17	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D62608	76.71	77.17	0.46	0.001	AGAT_FAICP		
		PEG: pink & dk grey; 30% qz; 4% bi; 0.5% mu; low sulphide min content; upper ct irregular; lower ct 35dtca prll to fol in interval below								
77.17	79.44	(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS	D62609	77.17	78.1	0.93	0.002	AGAT_FAICP		
		FGS: dark grey; weak foliation 35-60dtca w/ angle decreasing w/ depth; 14cm wd qz vn described in vn log; also 25% granitic PEG vns <=4cm wd prll to fol; 15% bi; 2% mu; low sulphide min content; 13cm wd LAMP from 78.48-78.66: med green w/ xenoliths & prll to surrounding foliation	D62610	78.1	79	0.9	0.002	AGAT_FAICP		
			D62611	79	79.44	0.44	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
79.44	79.74	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke LAMP: dark brown; 7% xenoliths up to 1mm wd; nonmagnetic; ct's 30/20dtca oblique to fol in surrounding intervals	D62613	79.44	79.74	0.3	0.003	AGAT_FAICP		
79.74	81.20	(FGS) Felsic Gneiss Sedimentary, () FGS: dark grey; weakly foliated 40-50dtca w/ angle increasing w/ depth; 30% granitic PEG vns up to 12cm but most <-2cm wd: mostly prll to fol; 20% bi; 0.3% mu; 0.3% py	D62614 D62615	79.74 80.5	80.5 81.2	0.76 0.7	0.003 0.004	AGAT_FAICP AGAT_FAICP		
81.20	81.47	(DIO) Diorite, (DIOP1) Porphyritic diorite with finer grained ground mass DIO: dark grey; 15% pink phenocrysts up to 3mm dia; weakly fol 65dtca; 3% bi; low sulphide min content; sharp upper ct 55dtca; irregular lower ct w/ PEG; 1.5cm wd LAMP dyke from 81.27-81.4 35dtca oblique to fol	D62616	81.2	81.5	0.3	0.001	AGAT_FAICP		
81.47	82.29	(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, () PEG: dark grey to pink; fsp grains up to 1.5cm wd are rounded & mostly surrounded by 60% grey qz; vns are up to 14cm wd w/ some vn margins prll to overall fol in area; other margins irregular; FGS is dark grey w/ weak kspar alt & weak chlorite or possibly amazonite fsp alt; 10% bi & 2% mu overall; low sulphide min content; round LAMP body from 81.95-92	D62617	81.5	82.29	0.79	0.003	AGAT_FAICP		
82.29	83.35	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke LAMP: dark greenish brown; 30% xenoliths up to 7cm wd; nonmagnetic; low sulphide min content; ct's 45/40dtca prll to fol in area	D62619	82.29	83.35	1.06	0.001	AGAT_FAICP		
83.35	83.89	(PEG) Pegmatite, () PEG: med grey & pink; mostly rounded fsp grains <=1.2cm dia surrounded by qz; moderately well brecciated w/ shearing 40-50dtca; 50% qz; 8% bi; low sulphide min content	D62620	83.35	83.89	0.54	0.002	AGAT_FAICP		
83.89	84.95	(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, () PEG: med grey & pink; v weakly brecciated: sheared prll to overall foliation in area; 50% qz; 8% bi; 0.2% py; lower ct 25dtca prll to fol in interval below; 7cm wd med grey FGS body @ 84.027cm wd & 7cm wd FGS body @ 84.42	D62621 D62622	83.89 84.5	84.5 84.95	0.61 0.45	0.002 0.0005	AGAT_FAICP AGAT_FAICP		
84.95	85.44	(FGS) Felsic Gneiss Sedimentary, ()	D62623	84.95	85.44	0.49	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		FGS: med grey; weak to mod fol 45dtca; 12% PEG vns w/ 50% qz <=2cm wd prll to fol; 4% bi; low sulphide min content								
85.44	85.82	(PEG) Pegmatite, ()	D62624	85.44	85.82	0.38	0.0005	AGAT_FAICP		
		PEG: med grey & pink; v weakly brecciated: sheared prll to overall foliation in area; 40% qz; 3% bi; low sulphide min content; ct's 50/40dtca: upper ct prll to fol in above interval								
85.82	86.67	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D62625	85.82	86.67	0.85	0.002	AGAT_FAICP		
		LAMP: dark brown; 4% xenoliths up to 2mm wd; nonmagnetic; low sulphide min content; ct's 40/30dtca prll to fol in interval below								
86.67	89.50	(FGS) Felsic Gneiss Sedimentary, ()	D62627	86.67	87.5	0.83	0.012	AGAT_FAICP		
		FGS: medium grey; weakly foliated 40-45dtca; weakly brecciated to 87.85 w/ intensity decreasing slightly w/ depth & shearing of brecciation prll to fol; 30% PEG vns up to 13cm wd w/ ~70% qz mostly prll to fol; 5% bi; 0.2% py; weak perv K spar alt to 88.3; decreasing slightly w/ depth; dk brown LAMP dyke from 87.03 -87.26: 7cm wd & perp to fol	D62628	87.5	89	1.5	0.005	AGAT_FAICP		
			D62629	89	89.5	0.5	0.0005	AGAT_FAICP		
89.50	91.60	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D62630	89.5	90.5	1	0.0005	AGAT_FAICP		
		PEG: pink to med grey to beige; 35% qz; 4% bi; trace of py (0.2%); ct's 55/65dtca prll to fol in surrounding intervals	D62631	90.5	91.6	1.1	0.001	AGAT_FAICP		
91.60	95.56	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D62633	91.6	93	1.4	0.002	AGAT_FAICP		
		FGS: medium grey; weak to mod fol 60dtca; 2% qz eyes up to 4mm wd; 15% pink & lt to med grey PEG vns up to 5.5cm wd w/ ~50% qz & mostly prll to fol; some perp; 20% bi; 0.2% py; weak ser & k spar alt as haloes around fractures w/ varying orientations	D62634	93	93.54	0.54	0.005	AGAT_FAICP		
			D62635	93.54	94.6	1.06	0.002	AGAT_FAICP		
			D62636	94.6	95.56	0.96	0.002	AGAT_FAICP		
95.56	96.07	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D62637	95.56	96.07	0.51	0.0005	AGAT_FAICP		
		PEG: lt grey to pale pink; 35% qz; 5% bi; 0.5% mu; low sulphide min content; ct's 60/30dtca prll to fol in surrounding intervals								
96.07	97.00	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D62639	96.07	97	0.93	0.002	AGAT_FAICP		
		FGS: medium grey; weak to moderate foliation 40dtca; 12% PEG vns up to 8cm wd aligned								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		w/ fol w ~50% qz; largest described in vn log; PEG vns have some open folds; 18% bi; 0.2% py								
97.00	97.47	(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGGR) Granitic Pegmatite (<50% quartz)	D62640	97	97.47	0.47	0.002	AGAT_FAICP		
		PEG: It to med grey to pink; 35% qz; 7% bi; 0.5% py. PEG vns <=4cm wd w/ FGS between <=2cm wd prll to fol near top of interval; nearly prll to ca near bottom; upper ct 40dtca prll to fol in interval above; lower ct irregular								
97.47	98.27	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D62641	97.47	98.27	0.8	0.001	AGAT_FAICP		
		FGS: medium grey; weak to mod fol 55dtca; 5% qz eyes up to 5mm wd; 7% PEG vns <=2cm wd w/ <50% qz; 20% bi; low sulphide min content; weak ser & kspar alt as haloes of fractures perp to fol								
98.27	98.96	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D62642	98.27	98.96	0.69	0.002	AGAT_FAICP		
		PEG: It to dark pink to light grey; PEG has been brecciated to 98.6; 30% qz; 5% bi; low sulphide min content; upper ct irregular; lower ct 60dtca prll to fol								
98.96	99.70	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D62643	98.96	99.7	0.74	0.002	AGAT_FAICP		
		FGS: medium grey; weakly foliated 30dtca; 20% qz eyes up to 5mm wd; 15% bi; 3% granitic PEG vns <1cm wd prll to fol; low sulphide min content; weak perv kspar alt								
99.70	101.59	(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGGR) Granitic Pegmatite (<50% quartz)	D62644	99.7	100.7	1	0.002	AGAT_FAICP		
		PEG: It to dark pink to It to dark grey. PEG is weakly fractured throughout but from 100.54 to 100.72 is a 10cm wd more strongly brecciated band prll to overall foliation in area: this is described in point structures log; 45% qz; 5% bi; 0.2% py. 20% FGS intervals <=18cm wd prll to overall foliation in area & w/ weak to moderate perv kspar alt & weak ser alt as fracture haloes; upper & lowermost ct's 50/55dtca perp & prll to fol resp	D62645	100.7	101.59	0.89	0.001	AGAT_FAICP		
101.59	102.17	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D62647	101.59	102.17	0.58	0.002	AGAT_FAICP		
		FGS: dark grey; weak foliation 40dtca; 15% PEG vns prll to fol: <2cm wd w ~35%. FGS has 20% bi; 0.3% py; weak ser alt as haloes of fractures w/ varying orientations								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
102.17	103.49	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) PEG: It to med grey to pink; 45% qz; 4% bi; low sulphide min content; ct's 50/40 prll to fol in surrounding intervals	D62648	102.17	103.49	1.32	0.001	AGAT_FAICP		
103.49	104.56	(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS FGS: dark grey; weak to mod fol 45dtca; 4% PEG vns w/ 30-40% qz & up to 4cm wd prll to fol including 4cm wd vn at lower ct of interval prll to ct; 20% bi; 3% mu; low sulphide mineral content; weak ser alt as haloes of fractures w/ varying orientations; 12cm wd olive green xenolith rich LAMP dkyke from 103.49 to 103.67 prll to foliation in area	D62649	103.49	104.56	1.07	0.002	AGAT_FAICP		
104.56	105.76	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke LAMP: light green to olive green; 1% qz vns <=5mm wd w/ varying orientations; 7% xenoliths up to 2mm wd; nonmagnetic; low sulphide min content; ct's 30/25dtca prll to fol in surrounding intervals	D62650	104.56	105.76	1.2	0.002	AGAT_FAICP		
105.76	106.33	(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS FGS: medium grey slightly brownish; moderately well foliated 30dtca; weakly brecciated; 2 PEG vns 10 & 1cm wd prll to fol w/ ~ 60% qz. 5% bi decreasing slighlty w/ depth; 2% mu; low sulphide min content; weak patchy perv ser alt; weak perv kspar alt	D62651	105.76	106.33	0.57	0.001	AGAT_FAICP		
106.33	106.66	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke LAMP: It to dark olive green; ct's 30/30dtca prll to fol in surrounding intervals; weakly to moderately brecciated; nonmagnetic; 0.2% py	D62653	106.33	106.66	0.33	0.002	AGAT_FAICP		
106.66	114.50	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone biotite-rich metasediment with occasional quartzofeldspathic melt bands and early evidence of low-temperature reheating as shown by consolidation of quartz eyes and blebby patches; potassic and sericitic alteration haloes on rare crosscutting quartz-carbonate veinlets; one pegmatite crosscuts units and is broken out in relevant tabs; no upper angle due to diffuse gradational melt contact	D62654	106.66	108	1.34	0.001	AGAT_FAICP		
			D62655	108	109	1	0.003	AGAT_FAICP		
			D62656	109	110.4	1.4	0.002	AGAT_FAICP		
			D62657	110.4	110.7	0.3	0.0005	AGAT_FAICP		
			D62659	110.7	112	1.3	0.002	AGAT_FAICP		
			D62660	112	113	1	0.003	AGAT_FAICP		
			D62661	113	114	1	0.003	AGAT_FAICP		
			D62662	114	114.5	0.5	0.006	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
114.50	115.04	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz) quartz-rich groundmass with floating fragments of biotite-rich wallrock transitioning into altered reddish quartz-feldspar groundmass at lower contact; coarse to very coarse-grained pink and grey quartz-rich granitic pegmatite	D62663	114.5	115.04	0.54	0.002	AGAT_FAICP		
115.04	116.35	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone biotite-rich metasediment with occasional quartzofeldspathic melt bands and early evidence of low-temperature reheating as shown by consolidation of quartz eyes and blebby patches; potassic and sericitic alteration haloes on rare crosscutting quartz-carbonate veinlets; one pegmatite crosscuts units and is broken out in relevant tabs; no upper angle due to diffuse gradational melt contact	D62664 D62665 D62667	115.04 115.45 115.75	115.45 115.75 116.35	0.41 0.3 0.6	0.003 0.027 0.003	AGAT_FAICP AGAT_FAICP AGAT_FAICP		
116.35	116.86	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz) quartz-dominant groundmass coloured by coarse pinkish blotches of potassium feldspar and enraveled bands of disseminated biotite; coarse to very coarse-grained melt texture pegmatite	D62668	116.35	116.86	0.51	0.0005	AGAT_FAICP		
116.86	118.63	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone early evidence of low-temperature melting characterized by clotty rare quartz patches and quartzofeldspathic bands forming parallel to foliation; occasional quartz-rich granitic and granitic pegmatite bands broken out in relevant tabs; quartz-feldspar-biotite metaseidment with moderate foliation	D62669 D62670	116.86 118	118 118.63	1.14 0.63	0.003 0.002	AGAT_FAICP AGAT_FAICP		
118.63	119.47	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz) cloudy to watery grey quartz groundmass fractioned by abundant blotchy pink feldspar and discontinuous trails of biotite; weak deformation zone begins near lower contact with ultramafic dyke and is broken out in relevant structural tabs	D62671	118.63	119.47	0.84	0.0005	AGAT_FAICP		
119.47	120.08	(UMD) UMLAMP Dikey, (LAMPD) UMD - Lamprophyre Dyke massive grey and black carbonate-phenocrystic ultramafic lamprophyre dyke with sharp greenish sericite-chlorite altered contacts	D62673	119.47	120.08	0.61	0.001	AGAT_FAICP		
120.08	121.56	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone low-temperature melting in metasediment characterized by foliation-parallel segregation of	D62674 D62675	120.08 120.7	120.7 121.56	0.62 0.86	0.002 0.002	AGAT_FAICP AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		quartzofeldspathic cumulates and biotite-rich bands; melting strongest near lower contact but only shown by minor quartz band pooling in upper section; strong potassic-sericitic alteration haloes on patchy quartz-carbonate veinlets and foliation defined by banding								
121.56	122.17	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D62676	121.56	122.17	0.61	0.005	AGAT_FAICP		
		watery quartz melt with patches of incorporate biotite that blends into lower section of bright pink feldspathic melt with disseminated to fragmental clumps of biotite								
122.17	126.24	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D62677	122.17	123	0.83	0.001	AGAT_FAICP		
		abundant blotchy cm-scale pools of quartzose melt set in a dark grey coarse to very coarse quartz-feldspar-biotite groundmass; various degrees of melting lead to intermingling of both blotchy and banded quartzofeldspathic textures; increased strain and fracturing near lower contact with ultramafic dyke indicates small deformation zone	D62679	123	124	1	0.001	AGAT_FAICP		
			D62680	124	125	1	0.015	AGAT_FAICP		
			D62681	125	126.24	1.24	0.001	AGAT_FAICP		
126.24	126.60	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D62682	126.24	126.6	0.36	0.001	AGAT_FAICP		
		ultramafic black and grey massive lamprophyre dyke in weak healed fault zone with pale grey to greenish sericite-chlorite altered contacts								
126.60	135.12	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D62683	126.6	128	1.4	0.001	AGAT_FAICP		
		dark grey quartz-feldspar-biotite unit with intermittent bands of messy granitic pegmatite and occasional diffuse weak sericitic alteration haloes on hairline quartz-carbonate veinlets	D62684	128	129	1	0.001	AGAT_FAICP		
			D62685	129	129.65	0.65	0.007	AGAT_FAICP		
			D62687	129.65	130.24	0.59	0.002	AGAT_FAICP		
			D62688	130.24	131	0.76	0.001	AGAT_FAICP		
			D62689	131	132.3	1.3	0.002	AGAT_FAICP		
			D62690	132.3	133.3	1	0.003	AGAT_FAICP		
			D62691	133.3	134.62	1.32	0.033	AGAT_FAICP		
			D62693	134.62	135.12	0.5	0.001	AGAT_FAICP		
135.12	135.74	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D62694	135.12	135.74	0.62	0.001	AGAT_FAICP		
		massive black very fine to fine-grained ultramafic lamprophyre with carbonate-phenocrystic and non-phenocrystic pulses separable								
135.74	137.22	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D62695	135.74	136.4	0.66	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		slight amount of reheating compared to previous FGS interval noted by coarsened watery patches of quartz and feldspar along with occasional pods and thin veinlets; medium to coarse-grained massive to tracely-foliated quartz-feldspar-biotite metasediment with patchy potassic and sericitic alteration haloes on quartz-carbonate veinlets	D62696	136.4	137.22	0.82	0.0005	AGAT_FAICP		
137.22	137.96	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D62697	137.22	137.96	0.74	0.0005	AGAT_FAICP		intrusive melt transitions from integrative bands of quartz-feldspar-biotite separated by quartzofeldspathic background into a feldspar-megacrystic zone with grainy antique television dissemination of wallrock fragments into surrounding melt
137.96	139.39	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D62699	137.96	139.39	1.43	0.002	AGAT_FAICP		weak to moderately-banded dark grey quartz-feldspar-biotite unit with patchy bands of light pink quartzofeldspathic fluid specifically near melt-incorporative contacts with lower and upper pegmatite
139.39	139.96	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D62700	139.39	139.96	0.57	0.0005	AGAT_FAICP		bright pink pegmatitic groundmass of cluttered feldspars with several bands of unroofed and incorporated wallrock at the upper contact along with of course less incorporation at lower contact due to our friend gravity; occasional fragments of quartz and patchy wallrock separate feldspar-dominant sections
139.96	146.82	(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D62701	139.96	141	1.04	0.0005	AGAT_FAICP		combined unit of coarse to very coarse-grained quartzofeldspathic melt separated by patchy bands and trails of biotite throughout; the FGS portions vary from rather coherent and weakly-foliated to an abundant groundmass of clotted up quartz from melt pooling and silica-mobilizing temperatures within unit; increased strain near lower contact defined in relevant tabs
			D62702	141	142	1	0.003	AGAT_FAICP		
			D62703	142	143	1	0.004	AGAT_FAICP		
			D62704	143	143.53	0.53	0.001	AGAT_FAICP		
			D62705	143.53	144.4	0.87	0.0005	AGAT_FAICP		
			D62707	144.4	145.34	0.94	0.001	AGAT_FAICP		
			D62708	145.34	146	0.66	0.002	AGAT_FAICP		
			D62709	146	146.82	0.82	0.05	AGAT_FAICP		
146.82	148.11	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D62710	146.82	148.11	1.29	0.003	AGAT_FAICP		very fine to fine-grained black and grey ultramafic lamprophyre with speckled carbonate phenocrysts and greenish chlorite-sericite alteration margins

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
148.11	152.30	(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGGR) Granitic Pegmatite (<50% quartz) granitic pegmatite fluid influx around healed deformation zone defined by core break fracture infill and small amount of breccia; small lamprophyre dyke within pegmatite broken out in point structures tab; small FGS interval near upper contact	D62711	148.11	149	0.89	0.005	AGAT_FAICP		
			D62713	149	149.6	0.6	0.01	AGAT_FAICP		
			D62714	149.6	149.92	0.32	0.002	AGAT_FAICP		
			D62715	149.92	151	1.08	0.002	AGAT_FAICP		
			D62716	151	152.3	1.3	0.0005	AGAT_FAICP		
152.30	156.23	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone dark grey siliceous quartz-feldspar-biotite unit defined by patchy to banded dark grey quartz; parasitic folding in small quartz veinlets but unit is relatively unaltered besides silica	D62717	152.3	153.3	1	0.004	AGAT_FAICP		
			D62719	153.3	154	0.7	0.014	AGAT_FAICP		
			D62720	154	155	1	0.021	AGAT_FAICP		
			D62721	155	156.23	1.23	0.003	AGAT_FAICP		
156.23	159.19	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) very coarse-grained pink granitic pegmatite defined by pink feldspar megacrysts with patches of interstitial quartz and patchy to disseminated biotite throughout	D62722	156.23	157	0.77	0.0005	AGAT_FAICP		
			D62723	157	158	1	0.0005	AGAT_FAICP		
			D62724	158	159.19	1.19	0.0005	AGAT_FAICP		
159.19	164.08	(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS quartz-feldspar-biotite unit that transitions around 162 m depth into strongly silicified muscovite-bearing FGS; abundant cloudy grey quartz bands and pods; parasitic folding in sections and an absence of sericitic-potassic alteration; muscovite identifier is only to accentuate that even low levels of muscovite around 3 to 5 percent are still noticeably different from other metasedimentary intervals in the hole	D62725	159.19	160.23	1.04	0.002	AGAT_FAICP		
			D62727	160.23	161	0.77	0.001	AGAT_FAICP		
			D62728	161	162	1	0.001	AGAT_FAICP		
			D62729	162	163	1	0.0005	AGAT_FAICP		
			D62730	163	164.08	1.08	0.03	AGAT_FAICP		
164.08	170.76	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) fine to medium-grained green and grey unit defined by weakly alternating diffuse greyish quartz-feldspar bands and green amphibole-enriched bands; sparse bands of patchy almandine porphyroblasts; intermittent whitish-grey quartz-carbonate vugs	D62731	164.08	165.14	1.06	0.003	AGAT_FAICP		
			D62733	165.14	165.44	0.3	0.004	AGAT_FAICP		
			D62734	165.44	166	0.56	0.004	AGAT_FAICP		
			D62735	166	167	1	0.006	AGAT_FAICP		
			D62736	167	168.5	1.5	0.003	AGAT_FAICP		
			D62737	168.5	170	1.5	0.002	AGAT_FAICP		
			D62739	170	170.76	0.76	0.001	AGAT_FAICP		
170.76	171.43	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz) very coarse-grained pegmatite with watery light grey quartz-rich zones separated by	D62740	170.76	171.43	0.67	0.0005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
aggregates of washed-out pinkish feldspars; intermittent patchy bands of incorporated biotite										
171.43	183.18	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D62749	180	181	1	0.005	AGAT_FAICP		
fine to medium-grained green and grey intermediate amphibolite with intermittent quartz and quartz-carbonate veinlets; patchy coarse almandine garnet porphyroblasts and weak banding defined by varying proportions of amphibole and quartz-feldspar			D62750	181	182	1	0.004	AGAT_FAICP		
			D62751	182	183.18	1.18	0.004	AGAT_FAICP		
			D62742	172	173.03	1.03	0.003	AGAT_FAICP		
			D62743	173.03	174	0.97	0.003	AGAT_FAICP		
			D62744	174	175.5	1.5	0.002	AGAT_FAICP		
			D62745	175.5	177	1.5	0.002	AGAT_FAICP		
			D62747	177	178.5	1.5	0.003	AGAT_FAICP		
			D62748	178.5	180	1.5	0.002	AGAT_FAICP		
			D62741	171.43	172	0.57	0.003	AGAT_FAICP		
183.18	184.77	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D62753	183.18	184.22	1.04	0.0005	AGAT_FAICP		
greyish-white feldspar-rich cloudy granitic pegmatite composed mainly of white feldspar although trails of pale pink feldspar occur throughout; some quartz but not quartz-dominant; speckled with coarse almandine garnet porphyroblasts in low abundance			D62754	184.22	184.77	0.55	0.017	AGAT_FAICP		
184.77	192.80	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D62755	184.77	186	1.23	0.005	AGAT_FAICP		
fine to medium-grained intermediate amphibolite defined by alternating sections of amphibole-rich and quartz-feldspar-biotite bands; areas of grain coarsening and patches of strong potassic-sericitic alteration on quartz-carbonate veinlets and stringers; sparse occurrence of patchy almandine garnet			D62756	186	187	1	0.01	AGAT_FAICP		
			D62757	187	187.77	0.77	0.016	AGAT_FAICP		
			D62759	187.77	188.07	0.3	0.003	AGAT_FAICP		
			D62760	188.07	189.4	1.33	0.015	AGAT_FAICP		
			D62761	189.4	190	0.6	0.003	AGAT_FAICP		
			D62762	190	191	1	0.002	AGAT_FAICP		
			D62763	191	192	1	0.002	AGAT_FAICP		
			D62764	192	192.8	0.8	0.002	AGAT_FAICP		
192.80	194.32	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D62765	192.8	193.6	0.8	0.001	AGAT_FAICP		
medium to coarse-grained greyish altered quartz-feldspar-biotite unit with sparse amphibolite bands and patchy beige alteration of some feldspar grains; rounded quartz and feldspar grains appear porphyritic in parts of unit			D62767	193.6	194.32	0.72	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
194.32	194.71	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) fine-grained green massive to tracely-foliated amphibolite band with sharp contacts and sericitized margin on lower contact	D62768	194.32	194.71	0.39	0.003	AGAT_FAICP		
194.71	197.51	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone sections with quartz eyes poking through near-opaque groundmass blanketed by deep red potassic staining; strongly altered massive to weakly foliated quartz-feldspar-biotite unit partially within brittle deformation zone noted by broken up and lost core; lower section less altered	D62769 D62770 D62771	194.71 196 197	196 197 197.51	1.29 1 0.51	0.003 0.002 0.001	AGAT_FAICP AGAT_FAICP AGAT_FAICP		
197.51	199.30	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) very fine to fine-grained green massive intermediate amphibolite; grain size representative of lower two thirds of unit while upper section is up to medium-grained in size; sericitic alteration envelopes on quartz-carbonate veinlets near upper contact	D62773 D62774 D62775	197.51 198.3 198.6	198.3 198.6 199.3	0.79 0.3 0.7	0.005 0.002 0.002	AGAT_FAICP AGAT_FAICP AGAT_FAICP		
199.30	203.93	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) bright pink very coarse-grained intrusive granitic pegmatite with patches of watery grey interstitial quartz and dispersed fragments of coarse biotite throughout	D62776 D62777 D62779 D62780 D62781	199.3 200.44 201 202 203	200.44 201 202 203 203.93	1.14 0.56 1 1 0.93	0.001 0.0005 0.001 0.0005 0.0005	AGAT_FAICP AGAT_FAICP AGAT_FAICP AGAT_FAICP AGAT_FAICP		
203.93	210.75	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone grey medium to coarse-grained quartz-feldspar-biotite unit with several late generations of crosscutting quartz-carbonate veinlets highlighted by potassic and sericitic alteration envelopes; patches and bands of watery grey massive quartz and sparse patches of almandine garnet porphyroblasts; weak banding defined by varying proportions of biotite in the quartzofeldspathic groundmass	D62782 D62783 D62784 D62785 D62787 D62788 D62789	203.93 205 206 207.3 207.8 207.8 209 210	205 206 207.3 207.8 209 210 210.75	1.07 1 1.3 0.5 1.2 1 0.75	0.001 0.0005 0.001 0.0005 0.002 0.002 0.001	AGAT_FAICP AGAT_FAICP AGAT_FAICP AGAT_FAICP AGAT_FAICP AGAT_FAICP AGAT_FAICP		
210.75	214.17	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) medium-grained grey and green intermediate amphibolite with patchy almandine garnet porphyroblasts concentrated near upper contact and intermittent quartz-carbonate veinlets	D62790 D62791 D62793	210.75 211.3 211.6	211.3 211.6 213	0.55 0.3 1.4	0.028 0.011 0.004	AGAT_FAICP AGAT_FAICP AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		with moderate sericitic alteration envelopes; some localized parasitic folding; weak banding due to varying amphibole concentration	D62794	213	214.17	1.17	0.004	AGAT_FAICP		
214.17	216.25	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D62795	214.17	214.47	0.3	0.004	AGAT_FAICP		
		fine to medium-grained grey quartz-feldspar-biotite unit largely lacking foliation with abundant subrounded quartz grains that appear texturally like quartz eyes; relatively unaltered	D62796	214.47	215	0.53	0.003	AGAT_FAICP		
			D62797	215	216.25	1.25	0.003	AGAT_FAICP		
216.25	228.37	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D62799	216.25	217	0.75	0.008	AGAT_FAICP		
		fine to coarse-grained green intermediate amphibolite with patches of almandine garnet porphyroblasts and banding defined by varying amphibole concentration; mid to dark grey quartz veinlets but relatively unaltered	D62800	217	218.5	1.5	0.006	AGAT_FAICP		
			D62801	218.5	220	1.5	0.006	AGAT_FAICP		
			D62802	220	221.5	1.5	0.006	AGAT_FAICP		
			D62803	221.5	223	1.5	0.014	AGAT_FAICP		
			D62804	223	224.5	1.5	0.006	AGAT_FAICP		
			D62805	224.5	226	1.5	0.007	AGAT_FAICP		
			D62807	226	227.5	1.5	0.005	AGAT_FAICP		
			D62808	227.5	228.37	0.87	0.003	AGAT_FAICP		
228.37	230.89	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D62809	228.37	229	0.63	0.002	AGAT_FAICP		
		interchanging dominance of quartz and pink feldspar highlighted by occasional trails and patches of biotite; bright pink pegmatitic intrusive	D62810	229	230	1	0.002	AGAT_FAICP		
			D62811	230	230.89	0.89	0.006	AGAT_FAICP		
230.89	237.08	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D62813	230.89	232	1.11	0.007	AGAT_FAICP		
		medium-grained green and grey intermediate amphibolite with sparse almandine porphyroblasts and intermittent quartz veinlets and patches; uncommon patches of quartzofeldspathic melt and quartz-carbonate stringers with sericitic alteration envelopes	D62814	232	233	1	0.005	AGAT_FAICP		
			D62815	233	234.5	1.5	0.005	AGAT_FAICP		
			D62816	234.5	236	1.5	0.004	AGAT_FAICP		
			D62817	236	237.08	1.08	0.004	AGAT_FAICP		
237.08	238.16	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D62819	237.08	238.16	1.08	0.006	AGAT_FAICP		
		coarse to very coarse-grained pink and grey intrusive anchored by cloudy light grey quartz groundmass with patches of pale pink feldspar megacrysts								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
238.16	243.45	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) medium-grained green and grey intermediate amphibolite with patches of almandine porphyroblasts located primarily within leucosomatic bands of quartzofeldspathic melt; banding defined by thin grey quartz veinlets and varying amphibole concentration; patches of quartz-carbonate stringers with potassic and sericitic alteration haloes	D62820	238.16	239.48	1.32	0.005	AGAT_FAICP		
			D62821	239.48	240	0.52	0.004	AGAT_FAICP		
			D62822	240	241	1	0.003	AGAT_FAICP		
			D62823	241	242.5	1.5	0.006	AGAT_FAICP		
			D62824	242.5	243.45	0.95	0.003	AGAT_FAICP		
243.45	246.82	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) very coarse-grained roughly equigranular groundmass of dominant reddish pink stained feldspars and lesser interstitial quartz; blebs of magnetite in places and sparse trails of biotite	D62825	243.45	244	0.55	0.005	AGAT_FAICP		
			D62827	244	245	1	0.004	AGAT_FAICP		
			D62828	245	246	1	0.002	AGAT_FAICP		
			D62829	246	246.82	0.82	0.003	AGAT_FAICP		
246.82	259.15	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) fine to medium-grained green and grey intermediate amphibolite with banding defined by varying proportions of amphibole and intermittent leucosomatic melt patches dotted with sparse almandine garnet porphyroblasts; quartz-carbonate stringers with potassic and sericitic alteration envelopes throughout as well as occasional barren grey massive quartz veins	D62830	246.82	248	1.18	0.003	AGAT_FAICP		
			D62831	248	249	1	0.002	AGAT_FAICP		
			D62833	249	250.5	1.5	0.002	AGAT_FAICP		
			D62834	250.5	252	1.5	0.002	AGAT_FAICP		
			D62835	252	253.5	1.5	0.003	AGAT_FAICP		
			D62836	253.5	255	1.5	0.004	AGAT_FAICP		
			D62837	255	256.5	1.5	0.003	AGAT_FAICP		
			D62839	256.5	258	1.5	0.005	AGAT_FAICP		
D62840	258	259.15	1.15	0.005	AGAT_FAICP					
259.15	261.70	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) coarse to very coarse-grained pink feldspar-dominant granitic pegmatite with patchy biotite grains	D62841	259.15	260	0.85	0.005	AGAT_FAICP		
			D62842	260	261	1	0.003	AGAT_FAICP		
			D62843	261	261.7	0.7	0.003	AGAT_FAICP		
261.70	264.40	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) fine to medium-grained green and grey intermediate amphibolite with moderate to strong foliation and occasional quartz veinlets as well as sericitic alteration envelopes on quartz-carbonate veinlets	D62844	261.7	263	1.3	0.003	AGAT_FAICP		
			D62845	263	264.4	1.4	0.002	AGAT_FAICP		
264.40	267.62	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D62847	264.4	265	0.6	0.002	AGAT_FAICP		
			D62848	265	266	1	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		coarse to very coarse-grained pink intrusive composed of alternating proportions of pink feldspar and quartz; flecks of biotite dispersed throughout	D62849	266	267	1	0.002	AGAT_FAICP		
			D62850	267	267.62	0.62	0.002	AGAT_FAICP		
267.62	268.54	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D62851	267.62	268.54	0.92	0.006	AGAT_FAICP		
		medium-grained quartz-feldspar groundmass with bands of biotite and amphibole along with sparse hairline quartz-carbonate veinlets highlighted by sericitic alteration envelopes								
268.54	269.84	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D62853	268.54	269.84	1.3	0.002	AGAT_FAICP		
		pink very coarse-grained intrusive composed of abundant pink feldspars with minor associated interstitial quartz; fragments and trails of biotite throughout unit								
269.84	275.80	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D62854	269.84	270.57	0.73	0.003	AGAT_FAICP		
		medium-grained grey moderately-foliated quartz-feldspar-biotite unit with sections of reheated light grey quartz patches and bands; quartz pooling and patchy incorporation of biotite-rich wallrock in quartz patches as well as bands along with cooler foliated quartz-feldspar-biotite zones	D62855	270.57	271.19	0.62	0.003	AGAT_FAICP		
			D62856	271.19	272	0.81	0.001	AGAT_FAICP		
			D62857	272	273.23	1.23	0.001	AGAT_FAICP		
			D62859	273.23	273.9	0.67	0.009	AGAT_FAICP		
			D62860	273.9	275	1.1	0.002	AGAT_FAICP		
			D62861	275	275.8	0.8	0.002	AGAT_FAICP		
275.80	279.83	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D62862	275.8	277	1.2	0.001	AGAT_FAICP		
		coarse to very coarse-grained mix of interlocking background quartz and chunky pink feldspars; patchy biotite present	D62863	277	278	1	0.0005	AGAT_FAICP		
			D62864	278	279	1	0.001	AGAT_FAICP		
			D62865	279	279.83	0.83	0.0005	AGAT_FAICP		
279.83	280.29	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D62867	279.83	280.29	0.46	0.012	AGAT_FAICP		
		very fine to fine-grained black and grey intrusive lamprophyre dyke with sections of abundant less than 5 mm xenoliths and round carbonate phenocrysts; knife-sharp relatively unaltered contacts								
280.29	281.25	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D62868	280.29	281.25	0.96	0.0005	AGAT_FAICP		
		coarse to very coarse-grained pink intrusive composed of cloudy roughly equigranular pink								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		feldspar and quartz grains; sparse occurrence of coarse cm-scale almandine porphyroblasts and patchy biotite throughout								
281.25	284.46	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D62869	281.25	282	0.75	0.001	AGAT_FAICP		
		fine-grained grey and green intermediate amphibolite defined by cloudy blebs of whitish-pink leucosomatic melt speckled through dark grey quartz bands followed by more typical unit representation; typical unit below 282 m depth is foliated green fine-grained amphibolite with no visible alteration	D62870	282	283	1	0.001	AGAT_FAICP		
			D62871	283	284.46	1.46	0.001	AGAT_FAICP		
284.46	287.13	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D62873	284.46	285	0.54	0.005	AGAT_FAICP		
		very fine to fine-grained black and grey intrusive lamprophyre dyke with abundant white roundish carbonate phenocrysts and crisscrossing carbonate spider veinlets; greenish chlorite-sericite alteration around contacts	D62874	285	286	1	0.003	AGAT_FAICP		
			D62875	286	287.13	1.13	0.007	AGAT_FAICP		
287.13	304.66	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D62896	304	304.66	0.66	0.002	AGAT_FAICP		
		green fine to medium-grained foliated intermediate amphibolite with sections of coarser-grained amphibole and patches of coarse almandine porphyroblasts; occasional thin grey quartz veinlets and speckled leucosomatic melt bands along with intermittent quartz-carbonate veinlets boasting sericite alteration envelopes; lighter green bands enriched in clinopyroxene occur in places	D62889	299	299.32	0.32	0.003	AGAT_FAICP		
			D62890	299.32	300	0.68	0.0005	AGAT_FAICP		
			D62891	300	301	1	0.017	AGAT_FAICP		
			D62893	301	302	1	0.003	AGAT_FAICP		
			D62894	302	303	1	0.004	AGAT_FAICP		
			D62895	303	304	1	0.002	AGAT_FAICP		
			D62882	292.97	293.3	0.33	0.003	AGAT_FAICP		
			D62883	293.3	294	0.7	0.002	AGAT_FAICP		
			D62884	294	295.5	1.5	0.001	AGAT_FAICP		
			D62885	295.5	297	1.5	0.008	AGAT_FAICP		
			D62887	297	298.5	1.5	0.003	AGAT_FAICP		
			D62888	298.5	299	0.5	0.009	AGAT_FAICP		
			D62876	287.13	288	0.87	0.003	AGAT_FAICP		
			D62877	288	289.5	1.5	0.005	AGAT_FAICP		
			D62879	289.5	291	1.5	0.02	AGAT_FAICP		
		D62880	291	292	1	0.002	AGAT_FAICP			
		D62881	292	292.97	0.97	0.005	AGAT_FAICP			
304.66	305.34	(DIA) Diabase Dike, ()	D62897	304.66	305.34	0.68	0.022	AGAT_FAICP		
		very fine-grained massive black diabase dyke with knife-sharp quenched but otherwise								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
unaltered contacts										
305.34	317.59	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D62899	305.34	306.6	1.26	0.0005	AGAT_FAICP		
			D62900	306.6	308	1.4	0.002	AGAT_FAICP		
		fine to medium-grained green intermediate amphibolite with sparse patches of coarse almandine garnet porphyroblasts and intermittent sericite-enveloped quartz-carbonate stringers	D62901	308	309.5	1.5	0.005	AGAT_FAICP		
			D62902	309.5	311	1.5	0.002	AGAT_FAICP		
			D62903	311	312.5	1.5	0.003	AGAT_FAICP		
			D62904	312.5	314	1.5	0.015	AGAT_FAICP		
			D62905	314	315.5	1.5	0.001	AGAT_FAICP		
			D62907	315.5	317	1.5	0.002	AGAT_FAICP		
			D62908	317	317.59	0.59	0.017	AGAT_FAICP		
317.59	318.46	(UMD) UMLAMP Dikey, (LAMPD) UMD - Lamprophyre Dyke	D62909	317.59	318.46	0.87	0.003	AGAT_FAICP		
		abundant small carbonate phenocrysts and knife-sharp contacts with tiny less than 3 mm quenched margins								
318.46	325.18	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D62910	318.46	319.5	1.04	0.0005	AGAT_FAICP		
			D62911	319.5	321	1.5	0.0005	AGAT_FAICP		
		coarse to very coarse-grained pink granitic pegmatite composed of dominant patchy reddish pink feldspar with interstitial quartz and flecks of biotite throughout	D62913	321	322.5	1.5	0.002	AGAT_FAICP		
			D62914	322.5	324	1.5	0.003	AGAT_FAICP		
			D62915	324	325.18	1.18	0.0005	AGAT_FAICP		
325.18	326.05	(UMD) UMLAMP Dikey, (LAMPD) UMD - Lamprophyre Dyke	D62916	325.18	326.05	0.87	0.006	AGAT_FAICP		
		very fine to fine-grained intrusive black lamprophyre dyke with abundant carbonate phenocrysts and creeping set of quartz-carbonate veinlets highlighted by diffuse moderate sericite envelopes								
326.05	328.80	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D62917	326.05	326.81	0.76	0.021	AGAT_FAICP		
			D62919	326.81	327.11	0.3	0.002	AGAT_FAICP		
		washed-out looking cloudy pink intrusive granitic pegmatite with angular greyish-black windows of interstitial quartz	D62920	327.11	327.8	0.69	0.0005	AGAT_FAICP		
			D62921	327.8	328.1	0.3	0.001	AGAT_FAICP		
			D62922	328.1	328.8	0.7	0.0005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
328.80	330.30	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke very fine to fine-grained grey and black intrusive lamprophyre dyke with abundant grey carbonate phenocrysts and pale beige sericitized contacts	D62923	328.8	329.6	0.8	0.004	AGAT_FAICP		
			D62924	329.6	330.3	0.7	0.004	AGAT_FAICP		
330.30	332.10	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) varies from angular to equigranular patches of quartz and pink feldspar to sections of wormy perthitic texture	D62925	330.3	331.21	0.91	0.002	AGAT_FAICP		
			D62927	331.21	332.1	0.89	0.001	AGAT_FAICP		
332.10	334.90	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke very fine to fine-grained ultramafic intrusive lamprophyre dyke with sections of sparse carbonate phenocrysts and massive unaltered sections with no texture	D62928	332.1	333	0.9	0.004	AGAT_FAICP		
			D62929	333	334	1	0.004	AGAT_FAICP		
			D62930	334	334.9	0.9	0.003	AGAT_FAICP		
334.90	335.65	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) transitions from pink feldspar megacrysts set in a mid-grey quartz groundmass followed by a section of angular interlocking quartz and feldspar with the appearance of shattered glass	D62931	334.9	335.65	0.75	0.0005	AGAT_FAICP		
335.65	342.00	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) EOH at 342 m depth; green and grey very fine to fine-grained intermediate amphibolite defined by disseminated abundant almandine porphyroblasts dispersed throughout entire unit. EOH=342m.	D62933	335.65	337	1.35	0.002	AGAT_FAICP		
			D62934	337	338.5	1.5	0.001	AGAT_FAICP		
			D62935	338.5	340	1.5	0.004	AGAT_FAICP		
			D62936	340	341	1	0.003	AGAT_FAICP		
			D62937	341	342	1	0.001	AGAT_FAICP		EOH at 342 m depth

Hole ID : RD19-00012

Project : Borden

Drilling Details :

Azimuth : 177
 Dip : -47
 Length : 351
 Drill Start : 24-Jun-2019
 Drill Completed : 28-Jun-2019
 Core Size : NQ
 Drill Company : Major
 Oriented Core : No

Location Details :

Easting : 343269
 Northing : 5305482
 Elevation : 430
 UTM Grid : NAD83_UTMZ17N_GPS
 Township : Gamey
 Storage Location : Chapleau Ont

Logging Details :

Logged By : Alex.Jibb
 Logged By 2 : Colt.Meyer
 Log Start : 29-Jun-2019
 Log Completed : 9-Jul-2019
 Re-Logged By :
 Re-Log Start :
 Re-Log Completed :

Comments :

3 m casing hexagonal stabilization; no issues upon setup; casing capped and flagged with casing and van ruth plug left in hole; Alex logged 173.32 metres and Colt logged 177.68 metres; hole consisted of intercalated metasediments and pegmatite with various degrees of reheated and melt interaction with quartzofeldspathic fluid flux; no notable sulphide and strain generally low throughout; rare amphibolite layers and abundant ultramafic dyke swarms of diabase and lamprophyre compositions; within dyke swarms moderate fault zones are noted by slickenlines and core crumbling or core loss; regional deformation reflected in hole but no evidence of mineralization or a suitable substrate for ore accommodation

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	5.23	(OB) Overburden, ()								
Casing depth to 5.23m										
5.23	16.86	(FGS) Felsic Gneiss Sedimentary, ()								
Dark to light grey; fcg; moderate silica overprinting; weak-moderate SER/POT alt halos around QZ-CB stringers; trace amts of selective/patchy CL alteration defined by royal-blue colour towards upper contact with lower UMD-LAMPD; well-developed BND texture defined by QZ-CB veinlets and 8-10% fmg BND/DIS BIO and 3-5% fmg BND/DIS AMP; 2% mg POB/DIS GRT throughout unit; moderate foliation measured at 65-70 dtca; 1 small lamp dyke at 10.38-10.49m with a40 (no lines to get beta); 1 QZV at 9.83-10.00m hosting cg kspar; no sig min; sharp lower contact with UMD-LAMPD;										
			D70217	5.23	6	0.77	0.016	AGAT_FAICP		
			D70219	6	7.5	1.5	0.011	AGAT_FAICP		
			D70220	7.5	9	1.5	0.006	AGAT_FAICP		
			D70221	9	10.5	1.5	0.008	AGAT_FAICP		
			D70222	10.5	12	1.5	0.008	AGAT_FAICP		
			D70223	12	13.5	1.5	0.008	AGAT_FAICP		
			D70224	13.5	15	1.5	0.012	AGAT_FAICP		
			D70225	15	16	1	0.009	AGAT_FAICP		
			D70227	16	16.86	0.86	0.011	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
16.86	18.32	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D70228	16.86	18.32	1.46	0.002	AGAT_FAICP		Brown; fmg; weak-moderate CL alteration on uphole-side of upper and lower contacts; no sig min or alt otherwise; moderately magnetic; sharp upper and lower contacts measured at 30dtca each
18.32	22.30	(FGS) Felsic Gneiss Sedimentary, ()	D70229	18.32	19	0.68	0.008	AGAT_FAICP		Dark grey; fmg; moderate silicification; weak SER alt halos around QZ-CB stringers; low RQD <20% for entire interval due to broken core (not a fault zone); no significant mineralization; sharp lower contact with UMD-LAMPD measured at 40dtca on upper and lower contact
			D70230	19	20	1	0.044	AGAT_FAICP		
			D70231	20	21	1	0.011	AGAT_FAICP		
			D70233	21	22.3	1.3	0.01	AGAT_FAICP		
22.30	22.62	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D70234	22.3	22.62	0.32	0.003	AGAT_FAICP		Brown to green; fmg; few wispy CB stringers cut unit irregularly; no sig min or alt; sharp upper and lower contact measured at 40dtca each
22.62	26.29	(FGS) Felsic Gneiss Sedimentary, ()	D70235	22.62	24	1.38	0.006	AGAT_FAICP		Dark grey; fmg; moderate silicification; patchy mod-strong POT and SER alt from 25.5-25.66m; banded texture defined by 8-10% fmg BIO and QZ-CB veinlets; mcg dissem to POB GRT 3% overall; inferred lower contact drawn due to increase in GRT abundance and STI; no sig min
			D70236	24	25	1	0.007	AGAT_FAICP		
			D70237	25	26.29	1.29	0.009	AGAT_FAICP		
26.29	27.09	(FGS) Felsic Gneiss Sedimentary, ()	D70239	26.29	27.09	0.8	0.004	AGAT_FAICP		Dark grey; fcg; moderate silicification; well-developed banded texture defined by fmg BND BIO and 3% mcg dissem/POB GRT showing increasing strain intensity along foliation/banding plane downhole; foliation and banding angle measured at 69dtca at 26.39m; mg GRT lclly stretched from sub-rounded to elongate with aspect ratio of ~3:1 to 6:1 lclly; no sig min; inferred lower contact drawn due to decrease in STI to POB GRT
27.09	31.60	(FGS) Felsic Gneiss Sedimentary, ()	D70240	27.09	28.5	1.41	0.003	AGAT_FAICP		Grey to dark grey; fcg; moderate silica overprinting and weak SER alt halos around QZ-CB stringers; boudinaged QZ veinlets define a weak conglomeratic texture; 10-12% mcg dissem POB GRT throughout; trace amounts of wispy mg SILL around 29.85; no significant min
			D70241	28.5	30	1.5	0.003	AGAT_FAICP		
			D70242	30	31	1	0.002	AGAT_FAICP		
			D70243	31	31.6	0.6	0.002	AGAT_FAICP		
31.60	31.96	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D70244	31.6	31.96	0.36	0.005	AGAT_FAICP		Brown; fmg; no sig alt; no sig min; sharp upper and lower contacts measured at 40dtca

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
31.96	33.62	(FGS) Felsic Gneiss Sedimentary, ()	D70245	31.96	33	1.04	0.002	AGAT_FAICP		
		Dark grey; localized intervals of varying grain size; moderate pervasive silicification and weak-moderate SER alt halos around stringers; 12-15% fmg dissem to POB GRT; 2% fg dissem to wispy SILL min; continuation of boudinaged QZ veinlets in this interval defines a lclly weak conglomeratic texture; trace fmg PY min	D70247	33	33.62	0.62	0.003	AGAT_FAICP		
33.62	35.60	(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, ()	D70248	33.62	34.62	1	0.007	AGAT_FAICP		
		Split 60/40 interval composed of GRT-rich FGS and melt-textured folded grey-green PEGGR; several vein orientations throughout; FGS contains 10% fmg dissem to POB GRT; veining shows moderate SER alt halos; lcl QZ veinlets show boudinaging; no lines on core to grab beta angles on vein orientations; trace amounts of mg PY stringer-hosted; inferred lower contact drawn due to decrease in veining and increase in GRT abundance	D70249	34.62	35.6	0.98	0.007	AGAT_FAICP		
35.60	41.07	(FGS) Felsic Gneiss Sedimentary, ()	D70250	35.6	37	1.4	0.003	AGAT_FAICP		
		Dark grey; fcg; moderate to lclly strong silicification; weak SER alt halos around stringers; 13-15% fcg dissem to POB GRT throughout; 0.5-1% fg wispy to dissem SILL min throughout; variable orientation to stringers; no defined foliation/structure; no lines on core; no sig min; sharp lower contact with magnetic UMD	D70251	37	38	1	0.003	AGAT_FAICP		
			D70253	38	39	1	0.005	AGAT_FAICP		
			D70254	39	40	1	0.006	AGAT_FAICP		
			D70255	40	41.07	1.07	0.049	AGAT_FAICP		
41.07	42.08	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D70256	41.07	42.08	1.01	0.003	AGAT_FAICP		
		Black; fg; glassy lustre; fg feldspars and carbonate disseminated lclly; moderate magnetic; sharp upper and lower contacts measured at 50 and 35dtca respectively								
42.08	43.88	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D70257	42.08	43	0.92	0.01	AGAT_FAICP		
		Grey to light-biotite-brown; fmg; moderate-strong silicification; banded texture defined by 12-15% fmg biotite and boudinaged QZ-CB veinlets; overall banding shows weak-moderate foliation measured at 52dtca; no lines on core to grab beta; few 5cm PEGQG stringers cut unit parallel to foliation; conglomeratic lclly defined by stretching along foliation of QZ veinlet boudins; 2-3% PY lclly 2% overall fmg dissem; inferred lower contact due to decrease in banding and PY min	D70259	43	43.88	0.88	0.008	AGAT_FAICP		
43.88	48.53	(FGS) Felsic Gneiss Sedimentary, ()	D70260	43.88	45.2	1.32	0.006	AGAT_FAICP		
		Light to dark grey to grey-green; fmg; moderate pervasive silicification and weak-moderate patchy SER alteration; clotty-textured defined by SER alt and 2-3% fg dissem to patchy plagioclase feldspar; weakly-moderately foliated measured at 60dtca; few QZ-CB stringers cut unit parallel and at random orientations to ovreal foliation; 2 PEG veins in quick succession at 45.36-45.49m showing PEGGR lith and at 45.61-45.82 showing more	D70261	45.2	45.9	0.7	0.012	AGAT_FAICP		
			D70262	45.9	47.03	1.13	0.008	AGAT_FAICP		
			D70263	47.03	48.53	1.5	0.004	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
traditional BIO-rich PEGQG; 1% vffg dissem PY min										
48.53	50.40	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D70264	48.53	49.5	0.97	0.005	AGAT_FAICP		
			D70265	49.5	50.4	0.9	0.002	AGAT_FAICP		
Dark grey to dark green; fmg; moderate silicification; weak/trace patchy CL alt; increase in dissem AMP from uphole FGS units 12-15% mg AMP overall defines weak foliation at ~60dtca; 1-2% fmg banded/dissemin GRT; few QZ-CB stringers show moderate boudinaging; sharp upper and lower contacts with surrounding FGS units measured at 60dtca; no sig min										
50.40	66.60	(FGS) Felsic Gneiss Sedimentary, ()	D70267	50.4	51	0.6	0.003	AGAT_FAICP		
			D70268	51	52.5	1.5	0.002	AGAT_FAICP		
			D70269	52.5	54	1.5	0.006	AGAT_FAICP		
			D70270	54	55.5	1.5	0.004	AGAT_FAICP		
			D70271	55.5	57	1.5	0.004	AGAT_FAICP		
			D70273	57	58.5	1.5	0.005	AGAT_FAICP		
			D70281	66	66.6	0.6	0.0005	AGAT_FAICP		
			D70274	58.5	60	1.5	0.004	AGAT_FAICP		
			D70275	60	61.5	1.5	0.005	AGAT_FAICP		
			D70276	61.5	62.56	1.06	0.002	AGAT_FAICP		
			D70277	62.56	63.2	0.64	0.002	AGAT_FAICP		
			D70279	63.2	64.5	1.3	0.001	AGAT_FAICP		
			D70280	64.5	66	1.5	0.001	AGAT_FAICP		
66.60	68.40	(FGS) Felsic Gneiss Sedimentary, ()	D70282	66.6	67.6	1	0.0005	AGAT_FAICP		
			D70283	67.6	68.4	0.8	0.0005	AGAT_FAICP		
Pink to reddish-pink; fmg; mod-strong pervasive potassic alteration giving rise to reddish-pink colouration of unit; stockwork-like style of many mm-scale QZ-CB stringers; low RQD to interval ~40-50%; no sig min; sharp lower contact with intrusive UMD measured at 55dtca										
68.40	69.00	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D70284	68.4	69	0.6	0.005	AGAT_FAICP		
Black; fg; no sig min; sharp upper and lower contacts measured at 55dtca each; uphole altered FGS intrudes UMD (???) towards middle of unit (interesting timing relative to UMD); whole of interval 0% RQD with last 20cm bubbly										
69.00	70.59	(FGS) Felsic Gneiss Sedimentary, ()	D70285	69	70	1	0.0005	AGAT_FAICP		
Beige to greyish-green FGS; fmg; mod-strong wispy/pervasive SER and weak POT										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		alteration; strong silica overprinting; felsic FGS background shows weak pervasive SER alt; sharp lower contact measured at 50dtca; no sig min	D70287	70	70.59	0.59	0.0005	AGAT_FAICP		
70.59	80.93	(DIA) Diabase Dike, ()	D70288	70.59	72	1.41	0.002	AGAT_FAICP		
		Black; vffg; strong silica overprinting (glassy feel/appearance); many wispy CB stringers throughout with no preferred orientation; sharp lower contact with UMD-LAMPD measured with a15 b302; no sig min	D70289	72	73.5	1.5	0.004	AGAT_FAICP		
			D70290	73.5	75	1.5	0.006	AGAT_FAICP		
			D70291	75	76.5	1.5	0.008	AGAT_FAICP		
			D70293	76.5	78	1.5	0.004	AGAT_FAICP		
			D70294	78	79.5	1.5	0.004	AGAT_FAICP		
			D70295	79.5	80.93	1.43	0.011	AGAT_FAICP		
80.93	81.67	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D70296	80.93	81.67	0.74	0.002	AGAT_FAICP		
		Dark brown; vffg; no significant alteration; very very weak/trace PPY/salt+pepper texture defined by mg plag grains; sharp upper and lower contacts measured at a15 b302 and a18 b308								
81.67	87.15	(DIA) Diabase Dike, ()	D70297	81.67	82.5	0.83	0.004	AGAT_FAICP		
		Black; vffg; strong silica overprinting; moderately magnetic; set of mm-scale CB veinlets cut unit at preferred orientation measured at 83.50 with a34 b300; no sig min; sharp lower contact with UMD-LAMPD measured with a32 b307	D70299	82.5	84	1.5	0.004	AGAT_FAICP		
			D70300	84	85.5	1.5	0.003	AGAT_FAICP		
			D70301	85.5	86.5	1	0.005	AGAT_FAICP		
			D70302	86.5	87.15	0.65	0.008	AGAT_FAICP		
87.15	87.46	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D70303	87.15	87.46	0.31	0.004	AGAT_FAICP		
		Dark brown; vffg; no sig alt; moderately magnetic; no sig min; sharp upper and lower contacts measured at a32 b307 and a40 b297								
87.46	111.96	(DIA) Diabase Dike, ()	D70304	87.46	88.5	1.04	0.005	AGAT_FAICP		
		Dark grey to black; vffg; wispy irregularly occurring mm-scale CB stringers cut unit throughout; 2 larger 8-13cm felsic dkylets at 97.39-97.53m with a54 b146 and again from 97.65-97.73m with a50 b160; no significant mineralization or alteration; lcl varioles/fg plag zenoliths lclly; sharp lower contact with UMD-LAMPD measured at 43dtca (no lines on core to obtain beta angle)	D70305	88.5	90	1.5	0.002	AGAT_FAICP		
			D70307	90	91.5	1.5	0.009	AGAT_FAICP		
			D70308	91.5	93	1.5	0.002	AGAT_FAICP		
			D70309	93	94.5	1.5	0.012	AGAT_FAICP		
			D70310	94.5	96	1.5	0.002	AGAT_FAICP		
			D70319	103.5	105	1.5	0.007	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D70320	105	106.5	1.5	0.004	AGAT_FAICP		
			D70321	106.5	108	1.5	0.004	AGAT_FAICP		
			D70322	108	109.5	1.5	0.006	AGAT_FAICP		
			D70323	109.5	111	1.5	0.005	AGAT_FAICP		
			D70324	111	111.96	0.96	0.006	AGAT_FAICP		
			D70311	96	97.3	1.3	0.002	AGAT_FAICP		
			D70313	97.3	97.8	0.5	0.002	AGAT_FAICP		
			D70314	97.8	99	1.2	0.008	AGAT_FAICP		
			D70315	99	100.5	1.5	0.239	AGAT_FAICP		
			D70316	100.5	102	1.5	0.02	AGAT_FAICP		
			D70317	102	103.5	1.5	0.006	AGAT_FAICP		
111.96	112.70	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D70325	111.96	112.7	0.74	0.001	AGAT_FAICP		Dark brown to black; fmg; mg carbonate grains define a weak-moderate salt+peppery texture throughout; no sig min or alt; sharp lower contact measured at 30dtca (no lines on core to grab beta angle)
112.70	135.65	(DIA) Diabase Dike, ()	D70327	112.7	114	1.3	0.003	AGAT_FAICP		Dark grey to black; vffg; many mm-cm scale wispy CB fracture-fill stringers cut unit intersecting at random angles/orientations to core axis; 15cm lamp dyke showing moderate/strong SER halos from 121.38-121.53 with measured upper and lower alphas of 50 and 45 respectively; no significant mineralization to unit; lower contact angle sub-parallel to core axis so line drawn where lower unit consumes more than half the core (if looking at it down axis); no lines of core to grab beta angles
			D70328	114	115.5	1.5	0.004	AGAT_FAICP		
			D70329	115.5	117	1.5	0.003	AGAT_FAICP		
			D70330	117	118.5	1.5	0.003	AGAT_FAICP		
			D70331	118.5	120	1.5	0.002	AGAT_FAICP		
			D70333	120	121.3	1.3	0.017	AGAT_FAICP		
			D70341	129	130.49	1.49	0.002	AGAT_FAICP		
			D70342	130.49	131	0.51	0.003	AGAT_FAICP		
			D70343	131	132	1	0.004	AGAT_FAICP		
			D70344	132	133.5	1.5	0.002	AGAT_FAICP		
			D70345	133.5	135	1.5	0.016	AGAT_FAICP		
			D70347	135	135.65	0.65	0.002	AGAT_FAICP		
			D70334	121.3	121.6	0.3	0.006	AGAT_FAICP		
			D70335	121.6	123	1.4	0.003	AGAT_FAICP		
			D70336	123	124.5	1.5	0.002	AGAT_FAICP		
			D70337	124.5	126	1.5	0.005	AGAT_FAICP		
			D70339	126	127.5	1.5	0.001	AGAT_FAICP		
			D70340	127.5	129	1.5	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
135.65	137.93	(FGS) Felsic Gneiss Sedimentary, ()	D70348	135.65	136.65	1	0.003	AGAT_FAICP		
		Beige to tan brown to bleached white; fcg;; strong silica overprinting and moderate pervasive sericitization (possible albitization?); moderate brecciation to second half of unit defined by angular felsic clasts in a finer-grained matrix; few stringers cut unit irregularly showing SER alt halos; minor patchy CL pods/clasts angular in shape; gradational lower contact marked by change from SER to POT alteration	D70349	136.65	137.93	1.28	0.002	AGAT_FAICP		
137.93	141.65	(FGS) Felsic Gneiss Sedimentary, ()	D70350	137.93	139	1.07	0.037	AGAT_FAICP		
		Reddish-pink; fmg; moderate-strong pervasive potassic alteration and mod-strong pervasive silica overprinting; few cm-scale QZ veinlets cut unit with no sig min; lower contact drawn due to change in grain-size and alteration	D70351	139	140	1	0.001	AGAT_FAICP		
			D70353	140	141	1	0.001	AGAT_FAICP		
			D70354	141	141.65	0.65	0.004	AGAT_FAICP		
141.65	148.47	(DIO) Diorite, (DIOP1) Porphyritic diorite with finer grained ground mass	D70355	141.65	142.5	0.85	0.001	AGAT_FAICP		
		Reddish-pink to grey; localized intervals of varying grain size; fmg overall; moderately developed POR/DIO fabric to unit varies in intensity throughout interval; texture defined by poorly-formed QZ-FSP phenocrysts rimmed in vfg disseminated BIO (5-7% overall); variable degrees of potassic alteration to both background and texture-defining phenocrysts; lcl light-green chlorite stringers; weakly defined foliation locally measured at a60 b348; no significant mineralization; gradational lower contact	D70356	142.5	143.5	1	0.001	AGAT_FAICP		
			D70357	143.5	144.5	1	0.001	AGAT_FAICP		
			D70359	144.5	145.5	1	0.002	AGAT_FAICP		
			D70360	145.5	146.5	1	0.002	AGAT_FAICP		
			D70361	146.5	147.5	1	0.003	AGAT_FAICP		
			D70362	147.5	148.47	0.97	0.001	AGAT_FAICP		
148.47	154.35	(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS	D70363	148.47	149	0.53	0.002	AGAT_FAICP		
		Grey to dark grey to beige to reddish-pink; fcg; variable degrees of potassic and sericite alteration with pervasive mod-strong silica overprinting; minor 2-3% fmg wispy to disseminated MUSC throughout; trace of fmg wispy/disseminated SILL; weak dioritic fabric lclly; weak-mod foliation measured at a49 b332 tca; many mm-scale wispy QZ-CB stringers cut unit irregularly at random orientations; few cm-scale PEG stringers show good FOD-AX1 features with one measured at 149.71m with a57 b050 and p33 t063 (plunge/trend); minor 0.5-1% vfg to lclly disseminated PY overall; 1 small lamp dyke at 151.65m with a53 b314 on upper contact and a53 b308 on lower contact; lcl weak-mod magnetic (minor magnetite 0.1%); lower contact drawn due to change in grain size and alteration	D70364	149	150	1	0.004	AGAT_FAICP		
			D70365	150	151	1	0.004	AGAT_FAICP		
			D70367	151	152	1	0.004	AGAT_FAICP		
			D70368	152	153	1	0.002	AGAT_FAICP		
			D70369	153	154.35	1.35	0.003	AGAT_FAICP		
154.35	156.62	(FGS) Felsic Gneiss Sedimentary, ()	D70370	154.35	155	0.65	0.002	AGAT_FAICP		
		Grey to greenish-brownish-grey; fmg; moderate-strong pervasive silicification and sericitization to whole of interval; weakly developed DIO fabric defined by anhedral poorly formed QZ-FSP phenocrysts; no significant mineralization; inferred lower contact due to change in grain size and alteration	D70371	155	156	1	0.001	AGAT_FAICP		
			D70373	156	156.62	0.62	0.004	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
156.62	167.00	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone Dark grey to beige/tan-brown; localized intervals of varying grain size and alteration intensity; alteration assemblages range from weak-mod potassic alteration and mod-strong sericitic alteration showing as patchy and halos around mm-scale QZ-CB stringers; lcl strained GRT parallel to weakly defined foliation 0.1% overall; slivers of amphibolite included in interval as well; stockwork-style veining locally; 12-13% fmg disseminated BIO overall; no significant mineralization	D70374	156.62	158	1.38	0.006	AGAT_FAICP		
			D70375	158	159.5	1.5	0.002	AGAT_FAICP		
			D70376	159.5	161	1.5	0.005	AGAT_FAICP		
			D70377	161	162.2	1.2	0.007	AGAT_FAICP		
			D70379	162.2	162.7	0.5	0.003	AGAT_FAICP		
			D70380	162.7	164	1.3	0.004	AGAT_FAICP		
			D70381	164	165	1	0.003	AGAT_FAICP		
			D70382	165	166	1	0.001	AGAT_FAICP		
			D70383	166	167	1	0.002	AGAT_FAICP		
167.00	171.00	(DIO) Diorite, (DIOP1) Porphyritic diorite with finer grained ground mass Reddish-pink to pinkish grey to beige; fcg; moderate pervasive silicification and mod-strong potassic staining to texture defining moderately formed subrounded to subhedral QZ-FSP phenocrysts; potassic alteration intensity decreases downhole with subsequent sericitic alteration increasing; 8-10% BIO rim phenocrysts and define a weak foliation lclly; several cm-scale QZ-PEG veinlets cut unit at random intervals and orientations to core axis; no significant mineralization; inferred lower contact drawn due to change in grain size and alteration	D70384	167	168	1	0.001	AGAT_FAICP		
			D70385	168	169	1	0.007	AGAT_FAICP		
			D70387	169	170	1	0.002	AGAT_FAICP		
			D70388	170	171	1	0.002	AGAT_FAICP		
171.00	173.32	(FGS, QV) Felsic Gneiss Sedimentary, Quartz Vein, () Grey to beige/tan-brown; fmg; moderate-strong silica overprinting and weak-moderate patchy to halo-style SER alteration; lcl potassic halos and weak potassic alteration/kspar alteration to QZ-PEG veinlets; 1 FOD-AX1 attainable at 171.18m with a68 b253 and p54->t052 (plunge->trend); 30% QZ-PEG/QVZ veinlets cut unit throughout with largest QV2 from 172.44-172.67m with sharp upper and lower contacts measured with alpha on upper contact 50dtca and 40dtca lower contact	D70389	171	172.4	1.4	0.007	AGAT_FAICP		
			D70390	172.4	172.7	0.3	0.001	AGAT_FAICP		
			D70391	172.7	173.32	0.62	0.002	AGAT_FAICP		
173.32	188.46	(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, (FGSBI) FGS (10-29% BI) above or proximal to gold zone fine to medium-grained grey quartz-feldspar-biotite unit with 0.5 m reddish-pink zones of intense potassic alteration and areas of wallrock-integrative cloudy pink and grey quartzofeldspathic melt bands; common late crosscutting sets of quartz-carbonate veinlets with moderate to strong potassic and sericitic alteration envelopes	D62939	173.32	174	0.68	0.001	AGAT_FAICP		sample change; D62 series starts here from EOH in rd11
			D62940	174	175.25	1.25	0.0005	AGAT_FAICP		
			D62941	175.25	176.19	0.94	0.002	AGAT_FAICP		
			D62942	176.19	177.5	1.31	0.003	AGAT_FAICP		
			D62943	177.5	179	1.5	0.001	AGAT_FAICP		
			D62944	179	180.5	1.5	0.002	AGAT_FAICP		
			D62953	187.5	188.46	0.96	0.003	AGAT_FAICP		
			D62945	180.5	182	1.5	0.002	AGAT_FAICP		
D62947	182	183.5	1.5	0.002	AGAT_FAICP					

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D62948	183.5	184.5	1	0.001	AGAT_FAICP		
			D62949	184.5	185.5	1	0.001	AGAT_FAICP		
			D62950	185.5	186	0.5	0.002	AGAT_FAICP		
			D62951	186	187.5	1.5	0.001	AGAT_FAICP		
188.46	252.30	(DIA) Diabase Dike, ()	D62954	188.46	189.5	1.04	0.002	AGAT_FAICP		
very fine to fine-grained regional-scale diabase dyke with several fault zones represented by core grind and fracturing; carbonate vugs and veinlets along with intermittent sericite alteration; some slickenlines for orientation but only rough alpha angle possible			D62955	189.5	191	1.5	0.002	AGAT_FAICP		
			D62956	191	192.5	1.5	0.002	AGAT_FAICP		
			D62957	192.5	194	1.5	0.001	AGAT_FAICP		
			D62959	194	195.5	1.5	0.001	AGAT_FAICP		
			D62960	195.5	197	1.5	0.002	AGAT_FAICP		
			D63003	250.5	252	1.5	0.012	AGAT_FAICP		
			D63004	252	252.3	0.3	0.011	AGAT_FAICP		
			D62996	241.5	243	1.5	0.025	AGAT_FAICP		
			D62997	243	244.5	1.5	0.012	AGAT_FAICP		
			D62999	244.5	246	1.5	0.016	AGAT_FAICP		
			D63000	246	247.5	1.5	0.009	AGAT_FAICP		
			D63001	247.5	249	1.5	0.013	AGAT_FAICP		
			D63002	249	250.5	1.5	0.006	AGAT_FAICP		
			D62989	232.5	234	1.5	0.013	AGAT_FAICP		
			D62990	234	235.5	1.5	0.004	AGAT_FAICP		
			D62991	235.5	237	1.5	0.006	AGAT_FAICP		
			D62993	237	238.5	1.5	0.007	AGAT_FAICP		
			D62994	238.5	240	1.5	0.021	AGAT_FAICP		
			D62995	240	241.5	1.5	0.011	AGAT_FAICP		
			D62982	223.5	225	1.5	0.004	AGAT_FAICP		
D62983	225	226.5	1.5	0.002	AGAT_FAICP					
D62984	226.5	228	1.5	0.006	AGAT_FAICP					
D62985	228	229.5	1.5	0.004	AGAT_FAICP					
D62987	229.5	231	1.5	0.007	AGAT_FAICP					
D62988	231	232.5	1.5	0.01	AGAT_FAICP					
D62975	214.5	216	1.5	0.003	AGAT_FAICP					
D62976	216	217.5	1.5	0.007	AGAT_FAICP					
D62977	217.5	219	1.5	0.005	AGAT_FAICP					
D62979	219	220.5	1.5	0.004	AGAT_FAICP					

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D62980	220.5	222	1.5	0.003	AGAT_FAICP		
			D62981	222	223.5	1.5	0.004	AGAT_FAICP		
			D62968	205.5	207	1.5	0.002	AGAT_FAICP		
			D62969	207	208.5	1.5	0.007	AGAT_FAICP		
			D62970	208.5	210	1.5	0.002	AGAT_FAICP		
			D62971	210	211.5	1.5	0.002	AGAT_FAICP		
			D62973	211.5	213	1.5	0.009	AGAT_FAICP		
			D62974	213	214.5	1.5	0.002	AGAT_FAICP		
			D62961	197	198.5	1.5	0.002	AGAT_FAICP		
			D62962	198.5	200	1.5	0.002	AGAT_FAICP		
			D62963	200	201	1	0.004	AGAT_FAICP		
			D62964	201	202.5	1.5	0.002	AGAT_FAICP		
			D62965	202.5	204	1.5	0.001	AGAT_FAICP		
			D62967	204	205.5	1.5	0.002	AGAT_FAICP		
252.30	253.53	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D63005	252.3	253.53	1.23	0.005	AGAT_FAICP		
		strongly-altered quartz-feldspar-biotite unit proximal to ultramafic dykes with moderate degree of silicification; somewhat difficult to pick out grain sizes and composition								
253.53	254.03	(UMD) UMLAMP DiKE, (LAMPD) UMD - Lamprophyre Dyke	D63007	253.53	254.03	0.5	0.004	AGAT_FAICP		
		very fine-grained black intrusive lamprophyre dyke with sharp greenish sericite-chlorite altered margins								
254.03	272.46	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D63008	254.03	255	0.97	0.011	AGAT_FAICP		
		dark grey quartz-feldspar-biotite unit with patchy potassic and sericitic alteration in most cases as envelopes on quartz-carbonate veinlets; small sparse patches of almandine garnet porphyroblasts in places and intermittent pegmatitic to cloudy quartofeldspathic melt bands throughout	D63009	255	256	1	0.008	AGAT_FAICP		
			D63010	256	257	1	0.006	AGAT_FAICP		
			D63011	257	257.7	0.7	0.017	AGAT_FAICP		
			D63013	257.7	258	0.3	0.001	AGAT_FAICP		
			D63014	258	258.3	0.3	0.002	AGAT_FAICP		
			D63029	270.7	272	1.3	0.002	AGAT_FAICP		
			D63030	272	272.46	0.46	0.007	AGAT_FAICP		
			D63022	262.92	264	1.08	0.005	AGAT_FAICP		
			D63023	264	265.5	1.5	0.002	AGAT_FAICP		
			D63024	265.5	267	1.5	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D63025	267	268.5	1.5	0.004	AGAT_FAICP		
			D63027	268.5	270	1.5	0.002	AGAT_FAICP		
			D63028	270	270.7	0.7	0.07	AGAT_FAICP		
			D63015	258.3	259	0.7	0.003	AGAT_FAICP		
			D63016	259	259.43	0.43	0.011	AGAT_FAICP		
			D63017	259.43	260.5	1.07	0.013	AGAT_FAICP		
			D63019	260.5	262	1.5	0.007	AGAT_FAICP		
			D63020	262	262.62	0.62	0.004	AGAT_FAICP		
			D63021	262.62	262.92	0.3	0.027	AGAT_FAICP		
272.46	273.74	(DIA) Diabase Dike, ()	D63031	272.46	273.74	1.28	0.004	AGAT_FAICP		
		very fine-grained massive black diabase dyke with sections of crosscutting and sericite-enveloped carbonate stringers; sericite altered sharp contacts and massive aphanitic matrix								
273.74	279.09	(UMD, DIA) UMLAMP Dike, Diabase Dike, (LAMPD) UMD - Lamprophyre Dyke	D63033	273.74	274.58	0.84	0.006	AGAT_FAICP		
		very fine to fine-grained greenish-beige intrusive lamprophyre dyke with coarse 3 to 6 cm altered angular xenoliths and greenish-yellow interstitial altered groundmass; unit may be different reaction within larger diabase dyke moving away from core and back in but difficult to say; intense sericite-chlorite alteration along with some epidote; unit hovers along wallrock contact from 276.4 to 276.7 but is otherwise only dyke material; massive black aphanitic diabse-like unit begins at 277.5 and goes to end of interval	D63034	274.58	276	1.42	0.008	AGAT_FAICP		
			D63035	276	276.44	0.44	0.002	AGAT_FAICP		
			D63036	276.44	277.56	1.12	0.002	AGAT_FAICP		
			D63037	277.56	278	0.44	0.003	AGAT_FAICP		
			D63039	278	279.09	1.09	0.004	AGAT_FAICP		
279.09	286.12	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D63040	279.09	280	0.91	0.005	AGAT_FAICP		
		medium-grained quartz-feldspar-biotite unit defined by pervasive strong potassic alteration of majority of unit; alteration may be due to proximity to ultramafic dykes; intermittent thin quartz veinlets and quartzofeldspathic melt bands throughout	D63041	280	281	1	0.003	AGAT_FAICP		
			D63042	281	282	1	0.002	AGAT_FAICP		
			D63043	282	283.5	1.5	0.004	AGAT_FAICP		
			D63044	283.5	285	1.5	0.025	AGAT_FAICP		
			D63045	285	286.12	1.12	0.003	AGAT_FAICP		
286.12	286.73	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D63047	286.12	286.73	0.61	0.003	AGAT_FAICP		
		very fine-grained dark grey altered intrusive lamprophyre dyke with sharp sericitized beige contacts								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
286.73	293.86	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone medium to coarse-grained quartz-feldspar-biotite unit more altered than the last; strong to intense pervasive potassic alteration covers most of unit along with small bands of chlorite-sericite alteration in places; thin quartz veinlets and quartzofeldspathic melt bands in spots	D63048	286.73	288	1.27	0.003	AGAT_FAICP		
			D63049	288	289	1	0.017	AGAT_FAICP		
			D63050	289	290.5	1.5	0.002	AGAT_FAICP		
			D63051	290.5	290.8	0.3	0.001	AGAT_FAICP		
			D63053	290.8	292	1.2	0.001	AGAT_FAICP		
			D63054	292	293	1	0.001	AGAT_FAICP		
			D63055	293	293.86	0.86	0.001	AGAT_FAICP		
293.86	295.14	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke very fine to fine-grained grey and black intrusive lamprophyre dyke with abundant greyish-white round carbonate phenocrysts and sharp 4 cm wide greenish sericite-chlorite altered lower contact; meandering wavy low angle contacts with surrounding units	D63056	293.86	295.14	1.28	0.002	AGAT_FAICP		
295.14	296.11	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) coarse-grained pink and grey quartzofeldspathic contact melt on margin of ultramafic dyke; unit appears to be section of lower FGS wallrock that has reacted with dyke upon intrusion and focused potassium-rich feldspathic cumulate at base; unit ranges from equigranular mosaic of dark grey quartz and pink feldspar into quartz-dominant groundmass with floating feldspars	D63057	295.14	296.11	0.97	0.001	AGAT_FAICP		
296.11	297.63	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone medium to coarse-grained dark grey quartz-feldspar-biotite unit with foliation indicative of moderate strain; relatively unaltered with periodic thin quartzofeldspathic bands	D63059	296.11	297.1	0.99	0.001	AGAT_FAICP		
			D63060	297.1	297.63	0.53	0.001	AGAT_FAICP		
297.63	303.60	(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, (FGSBI) FGS (10-29% BI) above or proximal to gold zone medium to coarse-grained dark grey quartz-feldspar-biotite metasediment intimately integrated with wide patches of pink pegmatitic quartzofeldspathic melt; some greyish-black alteration and fracture infill near quartz-feldspar melt and UMD contact; melt ranges from wallrock-intercalated bands to very coarse separated patches to speckled pink melt disseminated within FGS wallrock	D63061	297.63	299	1.37	0.001	AGAT_FAICP		
			D63062	299	300	1	0.002	AGAT_FAICP		
			D63063	300	301	1	0.002	AGAT_FAICP		
			D63064	301	301.68	0.68	0.487	AGAT_FAICP		
			D63065	301.68	303	1.32	0.002	AGAT_FAICP		
			D63067	303	303.6	0.6	0.039	AGAT_FAICP		
303.60	304.90	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke very fine to fine-grained black and grey intrusive lamprophyre dyke with sharp greenish sericite-chlorite altered margins and rounded whitish-grey carbonate phenocrysts throughout	D63068	303.6	304.9	1.3	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
304.90	311.63	(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, (FGSBI) FGS (10-29% BI) above or proximal to gold zone medium to coarse-grained dark grey quartz-feldspar-biotite metasediment mingled intensively with pink and grey quartzofeldspathic melt; some sections of diffuse and cloudy dark grey equigranular wallrock and melt transitions into sections of bright segregated granitic melt as well as zones of intercalated FGS and quartzofeldspathic bands	D63069	304.9	306	1.1	0.008	AGAT_FAICP		
			D63070	306	307	1	0.011	AGAT_FAICP		
			D63071	307	307.7	0.7	0.007	AGAT_FAICP		
			D63073	307.7	308.75	1.05	0.001	AGAT_FAICP		
			D63074	308.75	309.4	0.65	0.003	AGAT_FAICP		
			D63075	309.4	310.3	0.9	0.001	AGAT_FAICP		
			D63076	310.3	310.8	0.5	0.001	AGAT_FAICP		
			D63077	310.8	311.63	0.83	0.002	AGAT_FAICP		
311.63	313.87	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke very fine to fine-grained grey and black intrusive lamprophyre dyke with patches of greyish-white carbonate phenocrysts and wide green strongly sericite-chlorite altered margins; thin white carbonate stringers cut across unit	D63079	311.63	313	1.37	0.003	AGAT_FAICP		
			D63080	313	313.87	0.87	0.002	AGAT_FAICP		
313.87	318.08	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone fine to medium-grained mid-grey quartz-feldspar-biotite unit with patches of pink and grey quartzofeldspathic melt bands along with intermittent quartz-carbonate veinlets with sericitic-potassic alteration envelopes; bottom 20 cm of unit is integrated and interacting with lower pegmatitic melt	D63081	313.87	315	1.13	0.002	AGAT_FAICP		
			D63082	315	315.3	0.3	0.002	AGAT_FAICP		
			D63083	315.3	315.6	0.3	0.009	AGAT_FAICP		
			D63084	315.6	317	1.4	0.003	AGAT_FAICP		
			D63085	317	318.08	1.08	0.005	AGAT_FAICP		
318.08	321.87	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz) very coarse-grained pink and grey quartz-rich granitic pegmatite composed of blotchy quartz-dominant and pink feldspar-dominant patches	D63087	318.08	319.5	1.42	0.003	AGAT_FAICP		
			D63088	319.5	321	1.5	0.001	AGAT_FAICP		
			D63089	321	321.87	0.87	0.001	AGAT_FAICP		
321.87	322.88	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone medium to coarse-grained dark grey weakly foliated quartz-feldspar-biotite unit with occasional quartzofeldspathic melt bands and a whitish-grey quartz-carbonate stringer with a strong potassic and sericitic alteration halo	D63090	321.87	322.88	1.01	0.002	AGAT_FAICP		
322.88	323.36	(PEG) Pegmatite, (PEGQZ) Quartz Pegmatite (>90% quartz) quartz-rich greyish-white pegmatite with upper section of wallrock-incorporative	D63091	322.88	323.36	0.48	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		quartzofeldspathic pegmatite and disseminated bands to patches of wallrock throughout								
323.36	324.33	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D63093	323.36	324.33	0.97	0.001	AGAT_FAICP		
		medium to coarse-grained dark grey quartz-feldspar-biotite unit with moderate foliation and two wavy quartzofeldspathic melt bands								
324.33	324.96	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D63094	324.33	324.96	0.63	0.001	AGAT_FAICP		
		very coarse-grained pink and grey blocky granitic pegmatite composed of cm-scale interlocking light grey quartz and pink feldspar grains along with coarse occasional grains of interstitial biotite								
324.96	325.45	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D63095	324.96	325.45	0.49	0.001	AGAT_FAICP		
		moderately-foliated dark grey medium to coarse-grained quartz-feldspar-biotite unit								
325.45	331.23	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D63096	325.45	326.8	1.35	0.001	AGAT_FAICP		
		4 to 8 cm pink feldspar megacrysts dominate groundmass and are separated by occasional light grey patches of quartz; cm-scale biotite lathes fill some interstitial voids between feldspar and quartz grains	D63097	326.8	328	1.2	0.0005	AGAT_FAICP		
			D63099	328	329.5	1.5	0.001	AGAT_FAICP		
			D63100	329.5	330	0.5	0.0005	AGAT_FAICP		
			D63101	330	331.23	1.23	0.0005	AGAT_FAICP		
331.23	337.00	(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D63102	331.23	332.62	1.39	0.0005	AGAT_FAICP		
		medium to coarse-grained sections of weakly foliated metasediments with some trace crenulation of biotite in spots; metasediment intervals are separated by very coarse-grained pink and grey pegmatitic melt defined by blotchy quartz and feldspar patches with some cm-scale interstitial voids filled by very coarse biotite lathes; occasional hairline quartz-carbonate veinlets in FGS areas with trace sericite envelopes; small lamprophyre dyke at 336.45 m broken out in point structures tab	D63103	332.62	333.3	0.68	0.007	AGAT_FAICP		
			D63104	333.3	334.12	0.82	0.001	AGAT_FAICP		
			D63105	334.12	335.4	1.28	0.003	AGAT_FAICP		
			D63107	335.4	336.38	0.98	0.001	AGAT_FAICP		
			D63108	336.38	336.68	0.3	0.001	AGAT_FAICP		
			D63109	336.68	337	0.32	0.001	AGAT_FAICP		
337.00	339.90	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D63110	337	338.5	1.5	0.001	AGAT_FAICP		
		very fine to fine-grained grey and black intrusive lamprophyre dyke with green sericite-chlorite altered contacts; abundant carbonate phenocrysts as well as occasional	D63111	338.5	339.9	1.4	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
patches and veinlets										
339.90	340.40	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D63113	339.9	340.4	0.5	0.001	AGAT_FAICP		
dirty grey and pink quartz-rich pegmatite altered and fractured by nearby ultramafic dyke; black aphanitic fracture infill and altered interstitial biotite; cloudy pink feldspars floating in mid to dark grey quartz groundmass										
340.40	348.12	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D63114	340.4	341	0.6	0.006	AGAT_FAICP		
quartz-feldspar-biotite metasediment with blotchy patches and wavy bands of quartzofeldspathic melt; biotite-rich band at 344.6 m depth and intermittent quartz-carbonate veinlets crosscut unit with sericitic and potassic alteration envelopes; from 346 m to lower contact the unit is intensely potassic altered to a deep reddish pink										
			D63115	341	342.5	1.5	0.005	AGAT_FAICP		
			D63116	342.5	343.6	1.1	0.001	AGAT_FAICP		
			D63117	343.6	343.95	0.35	0.0005	AGAT_FAICP		
			D63119	343.95	345	1.05	0.002	AGAT_FAICP		
			D63120	345	345.8	0.8	0.002	AGAT_FAICP		
			D63121	345.8	347	1.2	0.004	AGAT_FAICP		
			D63122	347	348.12	1.12	0.003	AGAT_FAICP		
348.12	351.00	(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D63123	348.12	348.7	0.58	0.002	AGAT_FAICP		
EOH at 351 m depth; potassic-altered pink and grey metasediment broken up into melt-incorporated fragments and bands within reddish pink and grey pegmatitic melt zone; potassic alteration zone begins at 349.6 m and before this point melt is grey and more segregated from FGS sections. EOH=351m.										
			D63124	348.7	350	1.3	0.002	AGAT_FAICP		
			D63125	350	351	1	0.002	AGAT_FAICP		EOH at 351 m depth

Diamond Drill Log

Hole ID : RD19-00013

Project : Borden

Drilling Details :

Azimuth : 147
Dip : -45
Length : 366
Drill Start : 30-Jun-2019
Drill Completed : 4-Jul-2019
Core Size : NQ
Drill Company : Major
Oriented Core : Yes

Location Details :

Easting : 345707
Northing : 5305028
Elevation : 440
UTM Grid : NAD83_UTMZ17N_GPS
Township : Gamey
Storage Location : Chapleau Ont

Logging Details :

Logged By : Colt.Meyer
Logged By 2 : Tyler.Compton
Log Start : 9-Jul-2019
Log Completed : 20-Jul-2019
Re-Logged By :
Re-Log Start :
Re-Log Completed :

Comments :

AJ logged 183-EOH; various degrees of alteration to a GRT-porphyroblastic FGS unit dominates last 150m of DDH; strong silica overprinting from 322-EOH; several UMD-LAMPD dykes cut bottom half of drillhole; minor mineralization throughout with bulk of 1% overall PY and trace amts of PO coming from the silicified FGSGB unit; bottom 30m of DDH composed of sillimanite-rich GRT-rich POB identified as GBFG but logged as FGS for consistency; composite S0/S1 fabric lclly defined sub-parallel tca; STI 6 across GBFG/FGS unit; many intervals of quartzofeldspathic melt composed of FGS/QV/PEG with moderate SER alteration and sedimentary/pegmatitic textures; collar pick-up needs to be done to enter GPS collar coordinates

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	5.87	(OB) Overburden, () potassic altered FGS boulders and dirt								
5.87	22.75	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone dark grey almandine garnet-porphyroblastic FGS with bands and patches of quartzofeldspathic melt including one large melt section from 13.85 to 14.83 m depth; weak to moderate sericitic-potassic alteration envelopes on quartz-carbonate veinlets and numerous massive black intrusive diabase dykes broken out in point structures tab	D63127	5.87	7	1.13	0.007	AGAT_FAICP		
			D63128	7	7.95	0.95	0.002	AGAT_FAICP		
			D63129	7.95	8.64	0.69	0.001	AGAT_FAICP		
			D63130	8.64	10	1.36	0.001	AGAT_FAICP		
			D63131	10	11.5	1.5	0.001	AGAT_FAICP		
			D63133	11.5	13	1.5	0.003	AGAT_FAICP		
			D63148	19.67	21	1.33	0.002	AGAT_FAICP		
			D63149	21	21.74	0.74	0.0005	AGAT_FAICP		
			D63150	21.74	22.33	0.59	0.001	AGAT_FAICP		
			D63151	22.33	22.75	0.42	0.0005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D63141	16	16.83	0.83	0.002	AGAT_FAICP		
			D63142	16.83	17.2	0.37	0.002	AGAT_FAICP		
			D63143	17.2	18.69	1.49	0.001	AGAT_FAICP		
			D63144	18.69	18.99	0.3	0.002	AGAT_FAICP		
			D63145	18.99	19.34	0.35	0.003	AGAT_FAICP		
			D63147	19.34	19.67	0.33	0.002	AGAT_FAICP		
			D63134	13	13.55	0.55	0.003	AGAT_FAICP		
			D63135	13.55	13.85	0.3	0.003	AGAT_FAICP		
			D63136	13.85	14.4	0.55	0.001	AGAT_FAICP		
			D63137	14.4	14.8	0.4	0.001	AGAT_FAICP		
			D63139	14.8	15.14	0.34	0.001	AGAT_FAICP		
			D63140	15.14	16	0.86	0.0005	AGAT_FAICP		
22.75	25.52	(DIA) Diabase Dike, ()	D63153	22.75	23.59	0.84	0.001	AGAT_FAICP		
		very fine to fine-grained massive black intrusive dyke with patches of small whitish carbonate phenocrysts	D63154	23.59	23.89	0.3	0.018	AGAT_FAICP		
			D63155	23.89	25	1.11	0.002	AGAT_FAICP		
			D63156	25	25.52	0.52	0.001	AGAT_FAICP		
25.52	36.70	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D63157	25.52	25.82	0.3	0.003	AGAT_FAICP		
		altered quartz-feldspar-biotite unit with patchy almandine porphyroblasts and quartzofeldspathic melt patches with specks of leucosomatic melt; from 33.8 m to lower contact the unit is extensively reheated consisting of bleblike wallrock fragments suspended in pervasive quartzose melt with occasional flecks of opaque white leucosome; numerous diabase dykelets broken out in point structures tab; intermittent potassic and sericitic alteration haloes on thin quartz-carbonate veinlets	D63159	25.82	26.7	0.88	0.003	AGAT_FAICP		
			D63160	26.7	27.77	1.07	0.001	AGAT_FAICP		
			D63161	27.77	28.07	0.3	0.001	AGAT_FAICP		
			D63162	28.07	29.23	1.16	0.001	AGAT_FAICP		
			D63163	29.23	29.97	0.74	0.002	AGAT_FAICP		
			D63171	35	35.97	0.97	0.001	AGAT_FAICP		
			D63173	35.97	36.27	0.3	0.0005	AGAT_FAICP		
			D63174	36.27	36.7	0.43	0.001	AGAT_FAICP		
			D63164	29.97	30.54	0.57	0.001	AGAT_FAICP		
			D63165	30.54	31	0.46	0.002	AGAT_FAICP		
			D63167	31	32	1	0.001	AGAT_FAICP		
			D63168	32	33.35	1.35	0.002	AGAT_FAICP		
			D63169	33.35	33.65	0.3	0.002	AGAT_FAICP		
			D63170	33.65	35	1.35	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
36.70	71.52	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D63175	36.7	38	1.3	0.001	AGAT_FAICP		
		coarse-grained green intermediate amphibolite with patchy quartz and quartzofeldspathic melt zones throughout; minor patchy Py and moderate to strong potassic and sericitic alteration envelopes	D63176	38	39	1	0.002	AGAT_FAICP		
			D63177	39	40.5	1.5	0.001	AGAT_FAICP		
			D63179	40.5	42	1.5	0.002	AGAT_FAICP		
			D63180	42	43.5	1.5	0.002	AGAT_FAICP		
			D63181	43.5	45	1.5	0.002	AGAT_FAICP		
			D63210	66.38	67.67	1.29	0.002	AGAT_FAICP		
			D63211	67.67	68	0.33	0.001	AGAT_FAICP		
			D63213	68	69.5	1.5	0.0005	AGAT_FAICP		
			D63214	69.5	71	1.5	0.002	AGAT_FAICP		
			D63215	71	71.52	0.52	0.001	AGAT_FAICP		
			D63203	59	60.5	1.5	0.005	AGAT_FAICP		
			D63204	60.5	62	1.5	0.002	AGAT_FAICP		
			D63205	62	63.5	1.5	0.005	AGAT_FAICP		
			D63207	63.5	65	1.5	0.004	AGAT_FAICP		
			D63208	65	66.08	1.08	0.002	AGAT_FAICP		
			D63209	66.08	66.38	0.3	0.001	AGAT_FAICP		
			D63196	53.2	54.5	1.3	0.011	AGAT_FAICP		
			D63197	54.5	55	0.5	0.002	AGAT_FAICP		
			D63199	55	56.19	1.19	0.008	AGAT_FAICP		
			D63200	56.19	56.49	0.3	0.001	AGAT_FAICP		
			D63201	56.49	57.6	1.11	0.002	AGAT_FAICP		
			D63202	57.6	59	1.4	0.003	AGAT_FAICP		
			D63189	49.8	50.1	0.3	0.001	AGAT_FAICP		
			D63190	50.1	51.22	1.12	0.002	AGAT_FAICP		
			D63191	51.22	51.52	0.3	0.001	AGAT_FAICP		
			D63193	51.52	51.82	0.3	0.002	AGAT_FAICP		
			D63194	51.82	52.36	0.54	0.002	AGAT_FAICP		drill brass in sample
			D63195	52.36	53.2	0.84	0.001	AGAT_FAICP		
			D63182	45	45.76	0.76	0.001	AGAT_FAICP		
			D63183	45.76	46.1	0.34	0.005	AGAT_FAICP		
			D63184	46.1	47	0.9	0.002	AGAT_FAICP		
			D63185	47	48	1	0.001	AGAT_FAICP		
			D63187	48	49	1	0.001	AGAT_FAICP		
			D63188	49	49.8	0.8	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
71.52	72.41	(DIA) Diabase Dike, ()	D63216	71.52	72.41	0.89	0.002	AGAT_FAICP		
very fine to fine-grained ultramafic intrusive dyke with abundant whitish-grey carbonate phenocrysts and knife-sharp unaltered contacts with narrow black quenched margins										
72.41	90.67	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D63217	72.41	73.5	1.09	0.003	AGAT_FAICP		
coarse-grained green and grey intermediate amphibolite with intermittent potassic and sericitic alteration envelopes on crosscutting quartz-carbonate veinlets; quartz and quartzofeldspathic melt patches throughout unit as well as occasional pygmatic folded barren quartz veinlets and numerous diabase dykes broken out in point structures tab										
			D63219	73.5	75	1.5	0.005	AGAT_FAICP		
			D63220	75	76	1	0.007	AGAT_FAICP		
			D63221	76	77.5	1.5	0.002	AGAT_FAICP		
			D63222	77.5	78.7	1.2	0.002	AGAT_FAICP		
			D63223	78.7	79.15	0.45	0.002	AGAT_FAICP		
			D63239	88.4	88.7	0.3	0.002	AGAT_FAICP		
			D63240	88.7	90	1.3	0.001	AGAT_FAICP		
			D63241	90	90.67	0.67	0.001	AGAT_FAICP		
			D63231	83.5	84.97	1.47	0.003	AGAT_FAICP		
			D63233	84.97	85.27	0.3	0.002	AGAT_FAICP		
			D63234	85.27	86.5	1.23	0.003	AGAT_FAICP		
			D63235	86.5	87.13	0.63	0.003	AGAT_FAICP		
			D63236	87.13	87.5	0.37	0.0005	AGAT_FAICP		
			D63237	87.5	88.4	0.9	0.002	AGAT_FAICP		
			D63224	79.15	79.8	0.65	0.002	AGAT_FAICP		
			D63225	79.8	80.6	0.8	0.002	AGAT_FAICP		
			D63227	80.6	81.23	0.63	0.002	AGAT_FAICP		
			D63228	81.23	81.53	0.3	0.003	AGAT_FAICP		
			D63229	81.53	82	0.47	0.005	AGAT_FAICP		
			D63230	82	83.5	1.5	0.004	AGAT_FAICP		
90.67	91.47	(DIA) Diabase Dike, ()	D63242	90.67	91.47	0.8	0.001	AGAT_FAICP		
very fine-grained massive black diabase dyke with patches of carbonate phenocrysts and knife-sharp contacts; pink leucosomatic melt at upper contact										
91.47	115.39	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D63243	91.47	92.5	1.03	0.001	AGAT_FAICP		
coarse-grained green and grey massive to weakly foliated intermediate amphibolite with coarse patches of quartzofeldspathic melt with gradational wallrock-incorporative contacts; intermittent strong potassic and sericitic alteration envelopes on quartz-carbonate stringers; small grey barren quartz veinlets and occasional diabase dykes										
			D63244	92.5	94	1.5	0.0005	AGAT_FAICP		
			D63245	94	94.77	0.77	0.001	AGAT_FAICP		
			D63247	94.77	95.3	0.53	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D63248	95.3	96.6	1.3	0.002	AGAT_FAICP		
			D63249	96.6	96.9	0.3	0.001	AGAT_FAICP		
			D63264	109	110.5	1.5	0.003	AGAT_FAICP		
			D63265	110.5	111.52	1.02	0.005	AGAT_FAICP		
			D63267	111.52	111.82	0.3	0.002	AGAT_FAICP		
			D63268	111.82	113	1.18	0.005	AGAT_FAICP		
			D63269	113	114.5	1.5	0.001	AGAT_FAICP		
			D63270	114.5	115.39	0.89	0.0005	AGAT_FAICP		
			D63257	103	104.5	1.5	0.002	AGAT_FAICP		
			D63259	104.5	106	1.5	0.002	AGAT_FAICP		
			D63260	106	106.7	0.7	0.002	AGAT_FAICP		
			D63261	106.7	107.6	0.9	0.002	AGAT_FAICP		
			D63262	107.6	108.4	0.8	0.004	AGAT_FAICP		
			D63263	108.4	109	0.6	0.002	AGAT_FAICP		
			D63250	96.9	97.85	0.95	0.003	AGAT_FAICP		
			D63251	97.85	98.18	0.33	0.002	AGAT_FAICP		
			D63253	98.18	99	0.82	0.002	AGAT_FAICP		
			D63254	99	100.5	1.5	0.003	AGAT_FAICP		
			D63255	100.5	101.5	1	0.004	AGAT_FAICP		
			D63256	101.5	103	1.5	0.002	AGAT_FAICP		
115.39	118.05	(DIA) Diabase Dike, ()	D63271	115.39	116.5	1.11	0.002	AGAT_FAICP		
		very fine-grained massive unaltered diabase dyke with knife-sharp contacts	D63273	116.5	117.5	1	0.001	AGAT_FAICP		
			D63274	117.5	118.05	0.55	0.001	AGAT_FAICP		
118.05	151.15	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D63275	118.05	119	0.95	0.002	AGAT_FAICP		
		Equigranular. Varying amp content; 50-70%. Becomes finer grained downhole. No vis sulfs. No vis alt. ~2% qz veining; opq white; barren; typically tightly folded; cm scale <5cm. Rare colonies of coarse anhedral garnet; cm scale; assoc with weak qz flooding. Minor diabase segment 123.4-123.6m.	D63276	119	120	1	0.003	AGAT_FAICP		
			D63277	120	121	1	0.002	AGAT_FAICP		
			D63279	121	122	1	0.002	AGAT_FAICP		
			D63280	122	123	1	0.001	AGAT_FAICP		
			D63281	123	124	1	0.002	AGAT_FAICP		
			D63310	147	148	1	0.002	AGAT_FAICP		
			D63311	148	149	1	0.002	AGAT_FAICP		
			D63313	149	150	1	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D63314	150	151.15	1.15	0.002	AGAT_FAICP		
			D63303	141	142	1	0.003	AGAT_FAICP		
			D63304	142	143	1	0.004	AGAT_FAICP		
			D63305	143	144	1	0.002	AGAT_FAICP		
			D63307	144	145	1	0.001	AGAT_FAICP		
			D63308	145	146	1	0.001	AGAT_FAICP		
			D63309	146	147	1	0.003	AGAT_FAICP		
			D63296	135	136	1	0.007	AGAT_FAICP		
			D63297	136	137	1	0.014	AGAT_FAICP		
			D63299	137	138	1	0.005	AGAT_FAICP		
			D63300	138	139	1	0.002	AGAT_FAICP		
			D63301	139	140	1	0.002	AGAT_FAICP		
			D63302	140	141	1	0.003	AGAT_FAICP		
			D63289	129	130	1	0.003	AGAT_FAICP		
			D63290	130	131	1	0.003	AGAT_FAICP		
			D63291	131	132	1	0.002	AGAT_FAICP		
			D63293	132	133	1	0.005	AGAT_FAICP		
			D63294	133	134	1	0.005	AGAT_FAICP		
			D63295	134	135	1	0.006	AGAT_FAICP		
			D63282	124	124.7	0.7	0.002	AGAT_FAICP		
			D63283	124.7	125.25	0.55	0.001	AGAT_FAICP		
			D63284	125.25	126	0.75	0.008	AGAT_FAICP		
			D63285	126	127	1	0.003	AGAT_FAICP		
			D63287	127	128	1	0.003	AGAT_FAICP		
			D63288	128	129	1	0.003	AGAT_FAICP		
151.15	152.05	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D63315	151.15	152.05	0.9	0.005	AGAT_FAICP		
		Characterized by compositional banding and coarse anhedral intergrown garnets (1-2cm) disseminated throughout. Banding comprises lithons of white qz interlayered with feldspathic lithons hosting 30% combined biot-amp. F1 folding evident in banding; cm scale tight folds <5cm. Conspicuous mycelium of strong Po mineralization; ~2% of unit; hackly; anhedral.								
152.05	153.70	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D63316	152.05	153	0.95	0.0005	AGAT_FAICP		
		Amp content varies weakly throughout unit 50-60%; with lesser plag>biot. Equigranular. No vis sulfs. No signif veining. Displays distinct variation in foliation; discernable F2 folding.	D63317	153	153.7	0.7	0.0005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
153.70	154.70	(UMD) UMLAMP DiKE, (LAMPD) UMD - Lamprophyre Dyke	D63319	153.7	154.7	1	0.002	AGAT_FAICP		Dark brown aphanitic groundmass with 15% fine disseminated biot. No visible sulfides. 20% Cb porphyroblasts throughout; mm scale; coarse proximal to contacts and fining inward.
154.70	155.00	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D63320	154.7	155	0.3	0.0005	AGAT_FAICP		Minor AMP as previous.
155.00	156.80	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D63321	155	155.7	0.7	0.0005	AGAT_FAICP		Texturally distinct from previous FGS GB though compositionally similar. All components are finer grained; more equigranular. Lacks distinctive banding texture. Trace very fine disseminated Py. 5% veining/PEG; cm scale <5cm; displays well preserved close folding; distinctive opaque white plagioclase porphyroblasts (mm scale <5mm).
			D63322	155.7	156.15	0.45	0.001	AGAT_FAICP		
			D63323	156.15	156.8	0.65	0.0005	AGAT_FAICP		
156.80	157.60	(UMD) UMLAMP DiKE, (LAMPD) UMD - Lamprophyre Dyke	D63324	156.8	157.6	0.8	0.001	AGAT_FAICP		UMD as in 153.7-154.7m
157.60	159.45	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D63325	157.6	158	0.4	0.0005	AGAT_FAICP		FGS GB as in 155-156.8m. No visible sulfides.
			D63327	158	159	1	0.002	AGAT_FAICP		
			D63328	159	159.45	0.45	0.0005	AGAT_FAICP		
159.45	160.20	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D63329	159.45	160.2	0.75	0.0005	AGAT_FAICP		Banded texture imparted by interlayering of felsic and mafic lithons. Characterized by strong ductile deformation; prominent F1 folding in mm scale concordant veins. No significant sulfides or alteration. Coarse amphibole porphyroblasts; <1cm; anhedral; ~50%. 20% disseminated biot; <2mm.
160.20	164.45	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D63331	161	162	1	0.0005	AGAT_FAICP		Equigranular; massive. ~5% quartz veins/clots; cm to dm scale <10cm; strongly deformed; occasionally mineralized with clotted plagioclase and magnetite. Level of strain is not reflected in poor foliation development. Occasional cm scale minor AMP enclaves/beds. Minor cm scale PEGs; strongly altered (propylitic); distinctive green alteration (possible clinozoisite?). No significant sulfides. 10% fine disseminated garnet throughout.
			D63333	162	162.65	0.65	0.001	AGAT_FAICP		
			D63334	162.65	163.35	0.7	0.001	AGAT_FAICP		
			D63335	163.35	163.7	0.35	0.002	AGAT_FAICP		
			D63336	163.7	164.45	0.75	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D63330	160.2	161	0.8	0.0005	AGAT_FAICP		
164.45	164.75	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D63337	164.45	164.9	0.45	0.001	AGAT_FAICP		Fspar-rich PEG. Strongly altered. Distinctive green alteration; possible zoisite? Trace Po; fine and hackly; controlled by xls boundaries. Discordant. Coarse biot clots; 7%.
164.75	164.90	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone								FGS as previous
164.90	165.55	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D63339	164.9	165.55	0.65	0.001	AGAT_FAICP		Typical UMD. Dark brown very fine grained groundmass with 10% coarse CO3 porphs. No vis sulfs. Cut by later PEG; 3cm; planar/undeformed.
165.55	167.38	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D63340	165.55	166	0.45	0.001	AGAT_FAICP		Characterized by strongly deformed mm to cm scale compositional banding. ~60% combined biot-amp; mm scale. Biot dissem throughout. Amp-rich enclaves intercalated with felsic. Banding displays well preserved F2 folding. Occasional cm scale enclaves of dense garnet mineralization; colonies comprising cm scale anhedral red garnets; intergrown. Prominent sulfide mineralization: fine Po xls organized into dense mycelium; pronounced within and proximal to F2 fold. Unit appears silicified.
			D63341	166	166.7	0.7	0.0005	AGAT_FAICP		
			D63342	166.7	167.38	0.68	0.008	AGAT_FAICP		
167.38	169.73	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D63343	167.38	168	0.62	0.02	AGAT_FAICP		Texturally similar to previous AMP but with discernable decrease in amp and biot content. Banding is strongly deformed; displays folding. Dense Po mineralization spatially assoc with folded banding. No significant alteration apart from apparent silicification.
			D63344	168	168.8	0.8	0.006	AGAT_FAICP		
			D63345	168.8	169.73	0.93	0.003	AGAT_FAICP		
169.73	170.05	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D63347	169.73	170.05	0.32	0.003	AGAT_FAICP		UMD as in 164.9-165.55m
170.05	175.03	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D63348	170.05	171	0.95	0.003	AGAT_FAICP		Characterized by lack of banding described previously and presence of fine plag porphs. Plag porphs: mm scale; present in veins and litho; typically organized into fine garlands
			D63349	171	172	1	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
(apparent alignment with fine microfrac arrays. Weak to moderate foliation development. Occasional enclaves of PEG; cm scale <5cm. Occasional minor cm to dm scale UMDs. No visible sulfs.			D63350	172	172.5	0.5	0.002	AGAT_FAICP		
			D63351	172.5	173.25	0.75	0.001	AGAT_FAICP		
			D63353	173.25	174	0.75	0.001	AGAT_FAICP		
			D63354	174	174.4	0.4	0.0005	AGAT_FAICP		
			D63355	174.4	175	0.6	0.001	AGAT_FAICP		
175.03	175.30	(QV) Quartz Vein, (QZVT2) Massive quartz vein	D63356	175	175.3	0.3	0.0005	AGAT_FAICP		QV with lesser fspar. White-green-pink fspar with alteration rims. No vis sulfs. Deformed contacts. Apparent propylitic alteration assemblage.
175.30	178.20	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D63357	175.3	176.05	0.75	0.001	AGAT_FAICP		AMP aas in 170.05-175.03m. Silicified. Prominent folding.
			D63359	176.05	177	0.95	0.003	AGAT_FAICP		
			D63360	177	177.8	0.8	0.001	AGAT_FAICP		
			D63361	177.8	178.2	0.4	0.0005	AGAT_FAICP		
178.20	179.47	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D63362	178.2	179	0.8	0.0005	AGAT_FAICP		UMD as in 164.9-165.55m
			D63363	179	179.47	0.47	0.005	AGAT_FAICP		
179.47	181.30	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D63364	179.47	180	0.53	0.002	AGAT_FAICP		Equigranular. Moderate foliation development. Characterized by prominent frac halos (Ser-Fspar-zoisite?); mm to cm scale; various orientations. No vis sulfs.
			D63365	180	180.55	0.55	0.003	AGAT_FAICP		
			D63367	180.55	181.3	0.75	0.006	AGAT_FAICP		
181.30	184.00	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D63368	181.3	182	0.7	0.002	AGAT_FAICP		Prominent compositional banding; intercalated quartzose and biot-rich banding. Texture further enhanced by alignment of coarse garnets in clotty bands. Trace fine dissem Po throughout. Strongly siliceous.
			D63369	182	183	1	0.0005	AGAT_FAICP		
			D63370	183	184	1	0.002	AGAT_FAICP		
184.00	186.65	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D63371	184	185	1	0.003	AGAT_FAICP		Grey-green; fmg; mod-strong silicification; felsic background denotes AMPIN modifier with no significant alteration; strong increase in silicification and QZ veining from 185.20-185.75m with lcl MAM-like sections included in veining interval; banded texture develops downhole and is moderate;y defined by repeating QZ-CB stringers and AMPIN material; 1% cg to vfg
			D63373	185	186	1	0.002	AGAT_FAICP		
			D63374	186	186.65	0.65	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
POB GRT appears with development of banding; no sig min										
186.65	203.47	(AMP) Amphibolite, ()	D63375	186.65	188	1.35	0.002	AGAT_FAICP		
Dark to light green; localized intervals of varying grain size; trace-to-weak silica overprinting; 5-7% mcg dissem to POB GRT throughout unit; no dominant foliation observed; many wispy/irregularly sharp/occurring QZ-CB stringers showing trace-weak SER alt halos cut unit throughout; no sig min; strong POT/SER/CL alteration from 201.50-201.80m; 2 micro-lamp units cut main AMP at 192.26-192.34m with a45 b334 on upper and lower contacts and again at 203.17-203.23m with upper a50 b235 and lower a40 b270; inferred upper and lower contacts drawn			D63376	188	189.5	1.5	0.001	AGAT_FAICP		
			D63377	189.5	191	1.5	0.0005	AGAT_FAICP		
			D63379	191	192.2	1.2	0.003	AGAT_FAICP		
			D63380	192.2	192.5	0.3	0.002	AGAT_FAICP		
			D63381	192.5	194	1.5	0.002	AGAT_FAICP		
			D63389	200.8	202	1.2	0.002	AGAT_FAICP		
			D63390	202	203	1	0.0005	AGAT_FAICP		
			D63391	203	203.6	0.6	0.0005	AGAT_FAICP		
			D63382	194	195.5	1.5	0.012	AGAT_FAICP		
			D63383	195.5	197	1.5	0.011	AGAT_FAICP		
			D63384	197	198.5	1.5	0.001	AGAT_FAICP		
			D63385	198.5	200	1.5	0.0005	AGAT_FAICP		
			D63387	200	200.5	0.5	0.0005	AGAT_FAICP		
			D63388	200.5	200.8	0.3	0.0005	AGAT_FAICP		
203.47	203.66	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke								
Dark brown; fg; no sig min or alt; sharp upper and lower contacts with host AMP measured at a40 b322 and lower contact a40 b328										
203.66	204.28	(UMD, AMP) UMLAMP Dike, Amphibolite, ()	D63393	203.6	204.28	0.68	0.0005	AGAT_FAICP		
Split 90/10 interval composed of beige/tan-brown/green UMD with minor 10% AMP included at top of interval separating upper and lower UMD dykes; strong/intense SER alteration and weak-moderate POT alteration; no sig min										
204.28	204.88	(QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated	D63394	204.28	204.88	0.6	0.007	AGAT_FAICP		
Dark grey to grey to pinkish-white; fcg; moderate peg texture defined by cg subhedral plagioclase feldspar; 5% wispy/patchy BIO entrained in vein material; no sig min										
204.88	208.68	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D63395	204.88	206	1.12	0.002	AGAT_FAICP		
Dark grey to green; fcg; moderate-strong silica overprinting; moderate POR texture defined by vfg dissem to patchy plagioclase feldspar grains ; unit moderately siliceous and has										
			D63396	206	207	1	0.0005	AGAT_FAICP		
			D63397	207	208	1	0.0005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		weak to lclly mod-strong defined foliation measured at 206.64m with a52 b298; 3-5% mcg dissem to POB GRT throughout; 7-8% fmg wispy to dissem BIO min; unit weak-moderately siliceous; no sig min; sharp lower contact with LAMP	D63399	208	208.68	0.68	0.0005	AGAT_FAICP		
208.68	209.46	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D63400	208.68	209.46	0.78	0.001	AGAT_FAICP		Dark brown; fmg; no sig min or alt; weak-mod ppy texture defined by fmg angular/anedral plag grains; sharp upper and lower contacts measured at a40 b330 and a40 b318
209.46	209.94	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D63401	209.46	209.94	0.48	0.0005	AGAT_FAICP		Dark grey to green; fmg; moderately silicified; similar plag-defined POR texture as above AMP unit defined by fmg dissem/patchy fmg angular to subhedral FSP; no sig min; sharp lower contact with PEG
209.94	211.28	(PEG, AMP) Pegmatite, Amphibolite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D63402	209.94	210.47	0.53	0.004	AGAT_FAICP		Split 85/15 interval composed of dominant PEGQG veiningshowing moderate melt-texture; inclusion of 15% POB AMP from 210.22-210.47m with lower contact alpha of 25 (no lines on core); 1% POB GRT overall; 2% fmg dissem BIO vein-hosted (overall); no sig min; sharp upper and lower contacts
			D63403	210.47	211.28	0.81	0.001	AGAT_FAICP		
211.28	211.75	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D63404	211.28	211.75	0.47	0.0005	AGAT_FAICP		Grey-green to white; fmg; moderate silicification; clotty and ppy texture defined by fmg disseminated/patchy plagioclase feldspar throughout with increase in feldspar content downhole towards lower contact; very weakly siliceous overall and hosts 1% mcg POB GRT; sharp lower contact with UMD-LAMPD
211.75	211.95	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke								Dark brown; fmg; weakly xenolithic hosting mg angular plag; no lines on core to obtain beta angle; lower contact measured at 30dtca
211.95	212.08	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)								Grey to white to green; fmg; moderate silicification; sliver of uphole AMPIN sandwiched between upper and lower succession of UMD-LAMP dykes; 3% GRT POB/DIS; no sig min

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
212.08	213.62	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D63405	211.75	212.64	0.89	0.0005	AGAT_FAICP		
		Dark grey to brown; fcg; no sig alteration; weak-mod BX texture from 213.00-213.62m; minor PEGGR veinlet at 212.56-212.64m hosting no sig min or showing no sig features; sharp lower contact measured at 30dtca	D63407	212.64	213.62	0.98	0.002	AGAT_FAICP		
213.62	213.87	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D63408	213.62	214.04	0.42	0.0005	AGAT_FAICP		
		Pink and grey; fcg; moderately silicified; weak wispy CL alt along vein margins; fractured cg subrounded plag grains define overall PEG texture; no sig min								
213.87	214.04	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke								
		Dark brown; fg; no sig min or alt; sharp upper and lower contacts measured at 50dtca and 45dtca respectively								
214.04	214.83	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D63409	214.04	214.83	0.79	0.0005	AGAT_FAICP		
		Dark grey to white; fmg; moderate silicification; mod ppy texture defined by vffg to mg subrounded subhedral to anhedral plagioclase feldspar; 3-4% fmg dissem GRt throughout with lcl angular QZE; no sig min; sharp lower contact with UMD-LAMPD measured at 30dtca; upper contact sharp measured at 45dtca								
214.83	215.29	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D63410	214.83	215.29	0.46	0.001	AGAT_FAICP		
		Dark brown; fcg; vcg rounded felsic xenoliths entrained in UMD matrix; no sig min; sharp upper and lower contact								
215.29	215.66	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D63411	215.29	215.66	0.37	0.001	AGAT_FAICP		
		Dark grey to white; fmg; moderate silicification; mod ppy texture defined by vffg to mg subrounded subhedral to anhedral plagioclase feldspar; 3-4% fmg dissem GRt throughout with lcl angular QZE; no sig min								
215.66	216.00	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D63413	215.66	216	0.34	0.004	AGAT_FAICP		
		Dark grey; fmg; no sig minor alt; few stirmgers cut unit showing weak SER and lcl CL halos; sharp upper and lower contacts								
216.00	218.82	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D63414	216	217	1	0.01	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Grey-green to white; fmg; mod-strong silica overprinting and weak-moderate patchy sercite alteration throughout; continuation of same clotty/ppy-textured AMPIN defined by plag feldspar seen uphole; unit hosts 3-5% fmg dissemin to lclly POB GRT min; no sig sulphide min; cg QZ 'pods' entrained in litho matrix lclly hosting no sig min; 1 micro-lamp dyket at 218.46-218.48m with a42 b360 on upper and lower contact; inferred lower contact drawn due to increase in BIO content and decrease in AMP content as well as more felsic-nature to background indicating change from AMP to FGS measured at a40 b230	D63415	217	218	1	0.005	AGAT_FAICP		
			D63416	218	218.82	0.82	0.002	AGAT_FAICP		
218.82	221.85	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D63417	218.82	219.82	1	0.001	AGAT_FAICP		
		Dark to light grey; fcg; moderate-strong silica overprinting and moderate siliceous nature to interval; weak-mod patchy SER alt; weak-moderate foliation measured at 220.78m with a57 b332; 5-7% mcg dissemin to POB GRT throughout; 7-9% fmg dissemin BIO; no sig min; gradational lower contact with lower QVZ	D63419	219.82	220.82	1	0.001	AGAT_FAICP		
			D63420	220.82	221.85	1.03	0.045	AGAT_FAICP		
221.85	222.67	(QV, AMP) Quartz Vein, Amphibolite, (QZV) Quartz Vein Undifferentiated	D63421	221.85	222.36	0.51	0.008	AGAT_FAICP		
		Split 75/25 interval composed of QVZ and very siliceous CLTY-textured AMPIN; weak patchy SER alt; no sig min; sharp lower contact with UMD-LAMPD measured at a60 b360	D63422	222.36	222.67	0.31	0.003	AGAT_FAICP		
222.67	223.50	(UMD) UMD LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D63423	222.67	223.5	0.83	0.002	AGAT_FAICP		
		Dark brown; fg; no sig min or alt; few mg plag xenoliths entrained in UMD matrix; sharp upper and lower contacts								
223.50	228.52	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D63424	223.5	224.5	1	0.002	AGAT_FAICP		
		Light-grey to light-green/tan-brownish/beige; fmg; mod-strong silica overprinting; lcl strong SER alt; moderate pervasive SER alt throughout; 3-5% fmg dissemin/elongate to POB GRT min throughout; minor clotty-textured AMPIN seen uphole included in interval from 225.75-226.00m; no sig min; inferred lower contact	D63425	224.5	225.5	1	0.003	AGAT_FAICP		
			D63427	225.5	226.5	1	0.002	AGAT_FAICP		
			D63428	226.5	227.5	1	0.001	AGAT_FAICP		
			D63429	227.5	228.52	1.02	0.001	AGAT_FAICP		
228.52	234.27	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D63430	228.52	229.5	0.98	0.004	AGAT_FAICP		
		Dark grey; fcg; moderate-strong silica overprinting and mod-strong siliceous nature to interval; GRT POB 5-7% overall mcg; moderately conglomeratic unit with subrounded-rounded to angular subhedral QZ clasts resultant of lcl boudinaging to QZ stringers; several cm-scale rounded QZ-PEG xenoliths/pods entrained in siliceous FGS matrix; few mm-cm scale QZ-CB stringers otherwise showing moderate SER alt halos (lclly strong); no significant mineralization	D63431	229.5	230.5	1	0.005	AGAT_FAICP		
			D63433	230.5	231.5	1	0.001	AGAT_FAICP		
			D63434	231.5	232.5	1	0.005	AGAT_FAICP		
			D63435	232.5	233.5	1	0.004	AGAT_FAICP		
			D63436	233.5	234.27	0.77	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
234.27	235.28	(AMP) Amphibolite, ()	D63437	234.27	235.28	1.01	0.004	AGAT_FAICP		Light to dark green; fcg; weak patchy chlorite alteration; mcg POB GRT 3% overall throughout; few mm scale QZ-CB stringers showing weak lcl SER alt halos; one 2cm barron QZ-stringer; 15% fmg dissem BIO; sharp lower contact with PEG a28 b360; upper contact inferred along break separating above FGS
235.28	235.90	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D63439	235.28	235.9	0.62	0.002	AGAT_FAICP		Smokey-grey to grey to pinkish-white to reddish-pink; fcg; moderate potassic staining to wispy-textured alkali feldspars; 5% wispy/web-like to patchy fmg BIO throughout; melt-textured consistent with typical quartzofeldspathic textures; no significant minerlaization; sharp lower contact with AMP measured at a37 b040
235.90	236.54	(AMP) Amphibolite, ()	D63440	235.9	236.54	0.64	0.006	AGAT_FAICP		Green to dark green; fmg; moderately silica overprinted; few boundinaged stringers and one larger stringer sub-parallel to core axis showing weak SER alt halos; no sig min; sharp upper and lower contacts
236.54	238.83	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D63441	236.54	237	0.46	0.006	AGAT_FAICP		Pinkish-grey to greenish-grey to white to black; localized intervals of varying grain size; moderately developed PGM texture defined by 5-7% fcg dissem to patchy BIO; lcl weak-mod patchy POT and SER alt; BIO hosts trace amounts of dissem PY and PO min (roughly equal proportions); sharp lower contact with UMD-LAMPD package
			D63442	237	238	1	0.006	AGAT_FAICP		
			D63443	238	238.83	0.83	0.005	AGAT_FAICP		
238.83	239.80	(UMD, PEG) UMLAMP Dike, Pegmatite, ()	D63444	238.83	239.8	0.97	0.004	AGAT_FAICP		split ~50/50 interval (47cm of PEG) composed of typical dark-brown fg UMD-LAMPD and repetitious PEGGR veining; likely that a series of quickly succeeding UMDs intruded veining; PEG shows mod-strong POT alteration and UMDs are unaltered/unmineralized; sharp lower contact with AMP
239.80	249.30	(AMP) Amphibolite, ()	D63445	239.8	240.8	1	0.002	AGAT_FAICP		Dark to light green; fmg; weak silica overprinting; weak-mod SER alt halos and patchy SER alt; lcl trace amts of potassic alteration as halos around stringers; many ptygmatic/F1 folded QZ-CB stringers throughout; one FOD-AX1 obtained at 243.14m with t24->p007 and a50 b205; 1-2% fmg dissem PY min increases in abundance towards lower contact; weakly defined lower contact
			D63447	240.8	241.88	1.08	0.002	AGAT_FAICP		
			D63448	241.88	242.18	0.3	0.002	AGAT_FAICP		
			D63449	242.18	243	0.82	0.002	AGAT_FAICP		
			D63450	243	244	1	0.005	AGAT_FAICP		
			D63451	244	245	1	0.004	AGAT_FAICP		
			D63453	245	246	1	0.008	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D63454	246	247	1	0.003	AGAT_FAICP		
			D63455	247	248	1	0.002	AGAT_FAICP		
			D63456	248	249.3	1.3	0.006	AGAT_FAICP		
249.30	250.55	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D63457	249.3	250.55	1.25	0.002	AGAT_FAICP		
		Dark to light grey; localized intervals of varying grain size; melt-textured quartzofeldspathic unit with sections of poorly developed siliceous PEG-like material; whole interval moderately siliceous and moderately conglomeratic defined by angular QZ-FSP phenocrysts; 12-15% fmg dissem to lclly cg POB GRT throughout unit; trace amts of fg dissem PY min overall								
250.55	253.80	(AMP) Amphibolite, ()	D63459	250.55	251.5	0.95	0.003	AGAT_FAICP		
		Dark green; fmg; moderately silicified with lcl wk patchy CL alt; POT/SER alt banding lclly; several wispy QZ-CB stringers; moderately foliated measured at 252.75m with a54 b238; no significant mineralization; gradational lower contact drawn at 253.80 due to presence of POB GRT								
			D63460	251.5	252.5	1	0.004	AGAT_FAICP		
			D63461	252.5	253.8	1.3	0.003	AGAT_FAICP		
253.80	256.09	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D63463	255	256.09	1.09	0.001	AGAT_FAICP		
		Dark to light grey to white; fcg; moderate-strong silica overprinting; 8-10% fmg dissem BIO composes background with several cm-scale QZ-PEG stringers showing lcl ptigmatic folding; 10% fcg dissem to lclly POB GRT; unit lclly moderately (weak overall) conglomeratic with S1 stretching observed across many mm-cm scale QZ-CB stringers; trace amts of fg dissem PY min; sharp lower contact with AMP dyke								
			D63462	253.8	255	1.2	0.002	AGAT_FAICP		
256.09	256.39	(AMP) Amphibolite, ()	D63464	256.09	256.39	0.3	0.001	AGAT_FAICP		
		Dark green; fmg; no sig min or alt; mm-scale frac-fill stringers; sharp upper and lower contacts								
256.39	257.22	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D63465	256.39	257.22	0.83	0.001	AGAT_FAICP		
		Grey to dark grey; fcg; moderate siliceous nature to interval and mod-strong silica overprinting; mcg POB/DIS GRT 5% with lcl cg POB GRT entrained in subrounded to angular QZ-FSP clasts; weakly conglomeratic defined by angular to subrounded QZ-CB phenocrysts; no sig min								
257.22	257.93	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D63467	257.22	257.93	0.71	0.001	AGAT_FAICP		
		Dark brown; fg; no sig min or alt; sharp upper and lower contacts measured with both upper								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments								
and lower contacts showing a55 b360																		
257.93	258.67	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D63468	257.93	258.67	0.74	0.002	AGAT_FAICP										
Grey to dark grey; fmg; moderately silicified; weak QZE texture developed towards top of interval with eyes showing anhedral to subhedral (angular to subrounded) habit; 3% cg POB GRT defines overall texture; no sig min; sharp upper and lower contacts																		
258.67	259.00	(AMP) Amphibolite, ()	D63469	258.67	259	0.33	0.018	AGAT_FAICP										
Dark green; fmg; moderately siliceous; no sig min or alteration; sharp upper and lower contacts																		
259.00	259.26	(PEG) Pegmatite, ()	D63470	259	259.3	0.3	0.002	AGAT_FAICP										
Pink to greyish-pink; fcg; moderate potassic alteration to included mcg kspar; 3cm sliver of downhole FGSGB included in vein material and hosts trace amts (overall) of fg dissem PY; no sig min vein-hosted; sharp upper and lower contacts																		
259.26	267.76	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D63471	259.3	260	0.7	0.001	AGAT_FAICP										
Dark grey to grey; fcg; moderately siliceous and moderately silica overprinted; weak-moderately conglomeratic throughout defined by stretching of QZ-CB stringers along foliation plane measured at ~50dtca throughout; moderately POB throughout defined by 8-10% fcg GRT; background AMP content 2-3% with lcl high concentrations (15-20% between 264.95-266.4m; one FOL-FS1 at 261.17m with a50 b278; lcl cm-scale QZ-PEG stringers host no sig min; no significant mineralization throughout																		
											D63473	260	261	1	0.002	AGAT_FAICP		
											D63474	261	262	1	0.072	AGAT_FAICP		
											D63475	262	263	1	0.001	AGAT_FAICP		
											D63476	263	264	1	0.001	AGAT_FAICP		
											D63477	264	265	1	0.001	AGAT_FAICP		
D63479	265	266.4	1.4	0.0005	AGAT_FAICP													
D63480	266.4	267.76	1.36	0.003	AGAT_FAICP													
267.76	268.06	(AMP) Amphibolite, ()	D63481	267.76	268.06	0.3	0.0005	AGAT_FAICP										
Dark green; fmg; moderate silicification; no sig min or alteration; sharp upper and lower contacts																		
268.06	281.74	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D63482	268.06	269	0.94	0.001	AGAT_FAICP										
Grey to dark grey; fcg; moderate silicification; lcl moderate patchy POT and SER alt; weak-moderate QZE texture weakly developed with anhedral to subhedral QZE throughout; fmg POB to DIS GRT 7% overall; micro-lamp at 269.32-269.36m with same upper and lower contact alpha/beta measured at a74 b360; one more micro-lamp ends interval at																		
											D63483	269	270	1	0.001	AGAT_FAICP		
											D63484	270	271	1	0.001	AGAT_FAICP		
D63485	271	272	1	0.002	AGAT_FAICP													

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
281.72-281.74m with same upper and lower contact measured at a40 b334; several cm to locally dm-scale QZ-PEG stringers/veinlets throughout; no sig min			D63487	272	273	1	0.002	AGAT_FAICP		
			D63488	273	274	1	0.002	AGAT_FAICP		
			D63496	279.7	280.7	1	0.002	AGAT_FAICP		
			D63497	280.7	281.74	1.04	0.002	AGAT_FAICP		
			D63489	274	275	1	0.002	AGAT_FAICP		
			D63490	275	276	1	0.003	AGAT_FAICP		
			D63491	276	277	1	0.002	AGAT_FAICP		
			D63493	277	278	1	0.002	AGAT_FAICP		
			D63494	278	279.4	1.4	0.002	AGAT_FAICP		
			D63495	279.4	279.7	0.3	0.001	AGAT_FAICP		
281.74	282.46	(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGGR) Granitic Pegmatite (<50% quartz)	D63499	281.74	282.46	0.72	0.002	AGAT_FAICP		
Grey to white to beige/pink; fcg; melt-textured quartzofeldspathic mixed FGS/PEG unit showing CG red alkalic feldspars in peg material; 5% fmg dissem to patchy BIO entrained in melt material with BIO hosting 1% dissem fmg GRT; no sig min; irregularly shaped lower contact measured at a60 b15										
282.46	285.00	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D63500	282.46	283.5	1.04	0.002	AGAT_FAICP		
			D63501	283.5	285	1.5	0.001	AGAT_FAICP		
			Dark grey; fcg; moderately siliceous; POB texture defined by 7% fcg GRT; trace lcl QZE texture defined by anhedral angular QZ; remnant melt-textures from above; increase in modal abundance of fmg dissem green amphiboles 5-7% overall; no significant mineralization; inferred lower contact							
285.00	287.03	(FGS) Felsic Gneiss Sedimentary, ()	D63502	285	286	1	0.001	AGAT_FAICP		Core library sample taken in this sample interval from 285.18-285.60m showing an F2 fold axis and subsequent axial plane (AP2) moderately affecting S0/1 composite fabric with no obvious asymmetry to folded vein
Grey to white; fmg; moderate silica overprinting; melt-textured quartzofeldspathic folded FGS unit with 8-10% fmg dissem BIO entrained in melt-texture matrix; BIO-rich sections host fmg dissem GRT 2% overall; no sig min; last 50cm of interval hosts increase in ppy-textured rounded fmg plagioclase feldspars; sharp lower contact with UMD-LAMPD			D63503	286	287.03	1.03	0.006	AGAT_FAICP		
			287.03	287.90	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D63504	287.03	287.9	0.87	0.002
Dark brown; fmg; no sig min or alt; fmg angular carbonate and plagioclase xenoliths entrained in LAMP matrix; sharp upper and lower contacts measured at a52 b316 and a44 b360										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
287.90	299.32	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D63505	287.9	289	1.1	0.002	AGAT_FAICP		
			D63507	289	290	1	0.002	AGAT_FAICP		
		Dark to light grey to beige/tan brown; weak-moderate pervasive silicification; many mm-cm scale QZ-CB stringers cut unit at random intervals/orientations showing weak-moderate SER alt halos; 10% GRT POB fcg throughout defines overall texture; weak poorly developed lcl QZE texture defined by angular to subrounded QZ phenocrysts; no significant mineralization; sharp lower contact with bleached SER altered melt-textured PEG at a30 b318	D63508	290	291	1	0.002	AGAT_FAICP		
			D63509	291	292	1	0.002	AGAT_FAICP		
			D63510	292	293	1	0.002	AGAT_FAICP		
			D63511	293	294	1	0.001	AGAT_FAICP		
			D63513	294	295	1	0.001	AGAT_FAICP		
			D63514	295	296	1	0.001	AGAT_FAICP		
			D63515	296	297	1	0.001	AGAT_FAICP		
			D63516	297	298	1	0.001	AGAT_FAICP		
			D63517	298	299.32	1.32	0.001	AGAT_FAICP		
299.32	299.62	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D63519	299.32	299.62	0.3	0.002	AGAT_FAICP		
		Beige to tan/serecite-brown; fmg; bleached and silica overprinted; weak-mod upper and lower contacts with no sig min measured at a30 b318 and a50 b360								
299.62	303.66	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D63520	299.62	301	1.38	0.003	AGAT_FAICP		
		Dark grey; fcg; moderate silica overprinting; weak pervasive serecitzation; several mm-cm scale QZ-CB stringers cut unit irregularly at random intervals showing moderate SER alt halos; 5% fcg POB and dissem GRT throughout unit; 20cm melt-textured PEG/FGS quartzofeldspathic vein hosts no sig min and shows gradational upper and lower contacts with host FGS; sharp lower contact with UMD-LAMPD measured at a60 b38	D63521	301	302	1	0.001	AGAT_FAICP		
			D63522	302	303	1	0.001	AGAT_FAICP		
			D63523	303	303.66	0.66	0.002	AGAT_FAICP		
303.66	304.24	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D63524	303.66	304.24	0.58	0.002	AGAT_FAICP		
		Dark brown; fcg angular disseminated carbonate xenoliths define weak ppy texture throughout unit; no significant mineralization or alteration; sharp upper and lower contacts measured at a60 b38 and a60 b28								
304.24	307.08	(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, (FGSGB) Variable BI + garnets below the gold zone	D63525	304.24	305.2	0.96	0.002	AGAT_FAICP		
		Grey to greyish-white; fcg; moderate silica overprinting and moderate to lclly strong patchy serecitzation; 10% cm-dm scale PEGGR stringers cut unit throughout; 10% fcg POB to AGR/DIS GRT define overall texture; sharp lower contact with PEGGR at a50 b220; no sig min	D63527	305.2	306.2	1	0.004	AGAT_FAICP		
			D63528	306.2	307.08	0.88	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
307.08	308.06	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Various shades of green+pink with <50% opaque white QZ composing unit; variable degrees of POT and SER alt throughout; cg anhedral feldspars define overall PEG texture; weak CL alteration rims texture-defining alkalic feldspars towards end of interval; no sig min; sharp lower contact with UMD-LAMPD measured at a50 b360	D63529	307.08	308.06	0.98	0.003	AGAT_FAICP		
308.06	309.93	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Dark brown; fmg; no sig alteration; no sig min; no sig veining; sharp upper contact measured at a50 b360 and lower contact irregular not able to get alpha/beta;	D63530 D63531	308.06 309	309 309.93	0.94 0.93	0.003 0.003	AGAT_FAICP AGAT_FAICP		
309.93	310.88	(FGS) Felsic Gneiss Sedimentary, () Beige to reddish-pink; strong SER and weak-mod patchy POT alt; bleached FGS with no discernable textures; unit cut by many mm-cm scale QZ-CB-PLAG stringers; no sig min; sharp lower contact with UMD-LAMPD	D63533	309.93	310.88	0.95	0.003	AGAT_FAICP		
310.88	312.29	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Dark brown; fmg; no sig min or alt; few mm-scale CB stringers cut unit; sharp lower contact with glassy FGS	D63534	310.88	312.29	1.41	0.003	AGAT_FAICP		
312.29	313.50	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone Dark grey to lclly beige/tan-brown; fcg; moderate-strong silica overprinting gives whole unit a glassy feel; clotty texture poorly developed defined by 2\$ fg dissem subrounded to subhedral plagioclase feldspars; 2% fmg to lclly cg POB GRT; sharp upper and lower contacts measured at a50 b360 and a55 b312	D63535	312.29	313.5	1.21	0.002	AGAT_FAICP		
313.50	314.32	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Dark brown; fg; no sig min or alt; sharp upper contact and irregular lower contact	D63536	313.5	314.32	0.82	0.001	AGAT_FAICP		
314.32	314.47	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone Grey to dark grey; fmg; strong silicification; unit sandwiched between UMD-LAMPD dykes; no sig min								
314.47	314.64	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Dark grey; fmg; white mm-cm scale CB stringers cut unit; no sig min or alt; sharp upper and lower contacts measured at a40 b360	D63537	314.32	314.64	0.32	0.001	AGAT_FAICP		
314.64	315.86	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone Grey; fcg; moderately silicified and weak wispy CL alteration throughout; few minor cm-scale PEG stringers cut unit; 4% mcg POB to dissem GRT throughout; no sig min; gradational lower contact with PEGGR	D63539	314.64	315.86	1.22	0.0005	AGAT_FAICP		
315.86	316.16	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Grey-green to beige; fmg; melt-textured PEGGR with lower gradational contact with FGSGB; no sig min; minor cg BIO define weak PEG texture (1% overall); no sig min	D63540	315.86	316.16	0.3	0.0005	AGAT_FAICP		
316.16	321.45	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone Reddish-pink to grey/dark grey; fmg; moderate-strong pervasive silicification with lcl moderate patchy POT alteration and moderate SER alt halos around mm-cm scale QZ-CB stringers; red potassic alteration increase is coincident with semi-translucent QZ stringers containing alkalic feldspars inside stringer material; 5-7% fmg dissem to POB GRT throughout defines overall texture; trace fg dissem PY min	D63541	316.16	317	0.84	0.001	AGAT_FAICP		
			D63542	317	317.6	0.6	0.0005	AGAT_FAICP		
			D63543	317.6	318.6	1	0.0005	AGAT_FAICP		
			D63544	318.6	319.6	1	0.001	AGAT_FAICP		
			D63545	319.6	320.6	1	0.0005	AGAT_FAICP		
			D63547	320.6	321.45	0.85	0.003	AGAT_FAICP		
321.45	321.64	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Dark brown; fmg; weakly xenolithic entraining mg fractured plagioclase feldspars in lamp matrix; no sig min or alt; sharp lower contact with carbonate-dominated lamp at a44 b360	D63548	321.45	321.75	0.3	0.001	AGAT_FAICP		
321.64	322.16	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Brown to white; fmg; moderate carbonate alteration as a result of many stockwork-like carbonate veinlets dominating unit; no sig min; sharp lower contact with unaltered dk brown UMD at a40 b326	D63549	321.75	322.43	0.68	0.0005	AGAT_FAICP		
322.16	322.43	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Dark brown; fg; no sig min or alt; few CARB-frac-fill stringers; sharp lower contact measured at a38 b336								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
322.43	326.07	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone Grey; fcg; moderate-strong silica overprinting; weak SER alt halos around mm-cm scale QZ-CB stringers; 5% mcg POB GRT defines overall texture; 325.79-325.91 sees significant increase in BIO up to 15% lclly and 2% magnetite (tr amt overall); no significant mineralization	D63550	322.43	323.5	1.07	0.0005	AGAT_FAICP		
			D63601	323.5	324.5	1	0.002	AGAT_FAICP		
			D63602	324.5	325.77	1.27	0.0005	AGAT_FAICP		
			D63603	325.77	326.07	0.3	0.004	AGAT_FAICP		
326.07	327.03	(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, () Green; fmg; moderate silicification; 95% AMP separated by 11cm of grey FGBGB; lower contact of first AMP unit measured at a56 b60; upper contact of second AMP measured at a50 b235; well-foliated unit defined by fmg amphibole measured at a50 b239; no sig min; weak lower contact with no ori lines to ascertain data; no sig min	D63604	326.07	326.5	0.43	0.0005	AGAT_FAICP		
			D63605	326.5	327.03	0.53	0.001	AGAT_FAICP		
327.03	332.38	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone Grey; fcg; moderate-strong silicification and weak-moderate patchy SER alteration; quartzofeldspathic melt texture prominent from 330.5-331.3m; minor (<1%) slivers of AMP banding hosts fg dissem PY min; 8% fcg POB to DIS GRT; fg dissem PY min throughout unit 0.25% overall	D63607	327.03	328	0.97	0.013	AGAT_FAICP		
			D63608	328	329	1	0.003	AGAT_FAICP		
			D63609	329	330	1	0.003	AGAT_FAICP		
			D63610	330	331	1	0.005	AGAT_FAICP		
			D63611	331	332.38	1.38	0.002	AGAT_FAICP		
332.38	336.80	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone Dark grey; fcg; strong silica overprinting separates this unit from above FGSGB; wispy stockwork-style QZ-CB stringers throughout unit showing weak-moderate SER alt halos; lcl patchy moderate POT alt; increase in BIO compared to above units up to 15% overall; 5-7% fcg dissem to POB GRT; minor 1% fg dissem plagioclase; 0.5% fg dissem PY min;	D63613	332.38	333	0.62	0.002	AGAT_FAICP		
			D63614	333	334	1	0.002	AGAT_FAICP		
			D63615	334	334.85	0.85	0.002	AGAT_FAICP		
			D63616	334.85	335.15	0.3	0.001	AGAT_FAICP		
			D63617	335.15	336	0.85	0.002	AGAT_FAICP		
			D63619	336	336.8	0.8	0.004	AGAT_FAICP		
336.80	337.10	(AMP) Amphibolite, () Green; fmg; strong silica overprinting; mod patchy SER and CL alt; minor fg dissem plag 0.5%; sharp upper contact measured at a57 b235 and lower measured at a45 b360	D63620	336.8	337.1	0.3	0.002	AGAT_FAICP		
337.10	337.46	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Light-green; fg; no sig min or alt; sharp upper and lower contacts	D63621	337.1	337.46	0.36	0.001	AGAT_FAICP		
337.46	342.00	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D63622	337.46	338.5	1.04	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Dark grey to black to dark green; fmg; strong silica overprinting; moderate SER alteration as HALOs around stringers and intrusive cm to dm-scale AMP dyklets; lcl weak-mod patchy POT alt; banding subsecently foliated measured at 341.26m with a65 and b242; 8% fmg dissem to lclly POB GRT; 2% fcg dissem/AGR EPI lclly; minor 1% fg to lclly mg patchy PY min; inferred/gradational lower contact with melt-textured PEG/FGS unit	D63623	338.5	339.5	1	0.003	AGAT_FAICP		
			D63624	339.5	340.5	1	0.005	AGAT_FAICP		
			D63625	340.5	342	1.5	0.004	AGAT_FAICP		
342.00	343.00	(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, (FGSGB) Variable BI + garnets below the gold zone	D63627	342	343	1	0.007	AGAT_FAICP		
		Dark grey to white to pale green; moderate-strong silicification and weak patchy sercitzation; melt-texture mixes FGS and PEGQG units together with no discernable lithological contacts; 8-10% fmg patchy/agr BIO entrained in vein material with slivers of FGS hosting trace amounts (overall) of fmg dissem GRT; 1% fg dissem PY min overall; gradational lower contact								
343.00	344.23	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D63628	343	344.23	1.23	0.006	AGAT_FAICP		
		Dark grey to grey; fmg; strong silicification and weak patchy SER alt; banded texture defined by cm-scale AMP bands and QZ-CB stringers defining a subsequent foliation measrued at a 65 b360; 1-2% fmg dissem PY min throughout								
344.23	344.67	(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc	D63629	344.23	344.67	0.44	0.009	AGAT_FAICP		
		Dark grey; fmg; strong silica overprinting and weak-moderate melt texture; 10% BIO entrained in vein material; 1% fmg dissem BIO hosted and trace amounts of fmg PO also BIO hosted; contacts gradational								
344.67	345.36	(FGS) Felsic Gneiss Sedimentary, ()	D63630	344.67	345.36	0.69	0.005	AGAT_FAICP		
		Dark grey; fmg; mod-strong siliceous nature to interval; strong silica overprinting; 2% fg dissem PY min and 0.25% fg dissem PO min; weakly developed QZE texture lclly defined by anhedral angular to subrounded QZ phenocrysts; vertical/perp tca lower contact								
345.36	345.76	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D63631	345.36	345.76	0.4	0.006	AGAT_FAICP		
		Beige to white; fmg; weak-moderate patchy SER alt; trace amounts of disseminated mg BIO entrained in QZ-rich intervals of unit; no sig min; gradational lower contact								
345.76	350.06	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D63633	345.76	347	1.24	0.005	AGAT_FAICP		
		Dark grey; fmg; moderate-strong silica overprinting; weak-mod SER alt halos around texture-defining QZ-CB stringers; few cm-dm scale QZ-PEG stringers/pods hosting no sig	D63634	347	348	1	0.008	AGAT_FAICP		
			D63635	348	349	1	0.027	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		min and 2-3% fmg dissem BIO; 12-13% fmg BIO overall and 4-5% fmg dissem GRT overall; banding subsequently foliated at a65 b284 tca; 1-2% fmg dissem PY min overall	D63636	349	350.06	1.06	0.013	AGAT_FAICP		
350.06	361.60	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D63637	350.06	351	0.94	0.006	AGAT_FAICP		
		Unit is actually a GBFG but for continuity is logged as FGSGB; black and white to red; fcg; intensely foliated measured at 352.16m with a65 b241; strong pervasive silicification to unit; few PEGGR pods/clasts/xenoliths entrained in FGS/GBFG host lclly and show no sig min or vein-like features; 15-20% fmg dissem BIO define background matrix; 13-15% fcg to vcg POB to dissem GRT; 10-12% wispy stretched foliation-defining SILL throughout; 1% fmg dissem to lclly patchy PY min overall	D63639	351	352	1	0.008	AGAT_FAICP		
			D63640	352	353	1	0.012	AGAT_FAICP		
			D63641	353	354	1	0.004	AGAT_FAICP		
			D63642	354	355	1	0.009	AGAT_FAICP		
			D63643	355	356	1	0.007	AGAT_FAICP		
			D63651	360.8	361.6	0.8	0.005	AGAT_FAICP		
			D63644	356	357	1	0.059	AGAT_FAICP		
			D63645	357	358	1	0.054	AGAT_FAICP		
			D63647	358	358.5	0.5	0.01	AGAT_FAICP		
			D63648	358.5	359	0.5	0.014	AGAT_FAICP		
		D63649	359	360	1	0.022	AGAT_FAICP			
		D63650	360	360.8	0.8	0.005	AGAT_FAICP			
361.60	361.90	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D63653	361.6	361.9	0.3	0.0005	AGAT_FAICP		
		Dark green to light green; fmg; weak silicification; BND texture defined by mg light-green CPX and mm-cm scale QZ stringers/pods; no sig min; sharp upper and lower contacts								
361.90	366.00	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D63654	361.9	363	1.1	0.004	AGAT_FAICP		
		Black to dark grey to red; fcg; potassic alteration strong showing as "intrusives" at 364.07-364.22 and 364.43-364.66 and 364.87-365.05 with minor QZ stringers cutting through alteration; lcl replacement of GRT with Kspar and lclly AMP PORPHs; no sig min; continuation of uphole FGS/GBFG unit; EOH=366m	D63655	363	364	1	0.014	AGAT_FAICP		
			D63656	364	365.1	1.1	0.006	AGAT_FAICP		
			D63657	365.1	366	0.9	0.004	AGAT_FAICP		EOH=366m

Hole ID : RD19-00014

Project : Borden

Drilling Details :

Azimuth : 149
 Dip : -45.2
 Length : 357
 Drill Start : 6-Jul-2019
 Drill Completed : 12-Jul-2019
 Core Size : NQ
 Drill Company : Major
 Oriented Core : No

Location Details :

Easting : 345724
 Northing : 5304739
 Elevation : 430
 UTM Grid : NAD83_UTMZ17N_GPS
 Township : Gamey
 Storage Location : Chapleau Ont

Logging Details :

Logged By : Waleed.Ahmad
 Logged By 2 : Clayton Peskleway
 Log Start : 12-Jul-2019
 Log Completed : 27-Jul-2019
 Re-Logged By :
 Re-Log Start :
 Re-Log Completed :

Comments :

Logged by W. Ahmad to 98m; by C. Peskleway to 128m; W. Gerber to 296m; B. Clarke to EOH. Several silicified levels (pervasive Si) with up to 3% Py+Po+/-Mt and local Gt+Bt+green Fp: 310.5-312m; 316m; 322m; 325.5-327m; 333.5-334m. Hole shut down in FGS-Gt-Bt (regional metamorphism) +/- PEG +/- LAMP. Waleed Logged and sampled up to 97.66 m 12/7 to 14 /7 2019.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	3.00	(OB) Overburden, ()								
		O/B								
3.00	3.87	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D64001	3	3.45	0.45	0.001	AGAT_FAICP		
		FGSBI:drak grey foliated with biot and amph in a quartz feldspar rich groundmass. LC with QV/pegmatite is sharp @50 t/ca.	D64002	3.45	3.87	0.42	0.002	AGAT_FAICP		
3.87	4.44	(QV, PEG) Quartz Vein, Pegmatite, (QZVT1) Quartz flooding +/- AM, PY, PO, etc	D64003	3.87	4.44	0.57	0.0005	AGAT_FAICP		
		Qtz vein and QTz feld pegmatite mixed. 3.87-4.10 m QF qtz rich pegmatite with pinkish K feldspar and 4.10-4.44 m Qtz vein white banded . the whole unit has 20-30% bands of FGS rich in biot and amph.. local 2-4 cm thich biot rich vein with feld pheno 4.22-4.25 m @50t/ca.No sig sulfides seen.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
4.44	8.27	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone fGSBI: dk grey to lt grey fg- mg foliated . local light band Qtz rich groundmass; silicified 4.94-5.08 m and local small Qtz veins 4.78-4.87 m and 6.74-6.78 m..sharp LC with UMD@8.27 m @30 tica	D64004	4.44	4.77	0.33	0.0005	AGAT_FAICP		
			D64005	4.77	5.15	0.38	0.0005	AGAT_FAICP		
			D64007	5.15	6	0.85	0.002	AGAT_FAICP		
			D64008	6	6.97	0.97	0.001	AGAT_FAICP		
			D64009	6.97	7.65	0.68	0.001	AGAT_FAICP		
			D64010	7.65	8.27	0.62	0.001	AGAT_FAICP		
8.27	8.64	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke UMD/ Lamp Dk. dark black fg massive magnetic with fg-mg diss carbonate porphyblast 7-10%. sharp upper and IC @ 30tica and @35 tica	D64011	8.27	8.64	0.37	0.002	AGAT_FAICP		
8.64	11.66	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone FGSBI. similar to FGS described 4.44-8.27 m above. Dk grey to ligh grey with maroonish grey laterd silicified bands and veinlets. section 9.42-9.68 m is beige colored silicified bleached and sericite altered FGS bnad with sharp contacts @45 tica.local fracture fill beige color alteration veinlets weakly hematized make 2-3%. Small pegmatite vein 10.87-11.10 m@70 tica.no sig sulfides.	D64013	8.64	9.36	0.72	0.001	AGAT_FAICP		
			D64014	9.36	9.82	0.46	0.001	AGAT_FAICP		
			D64015	9.82	10.7	0.88	0.001	AGAT_FAICP		
			D64016	10.7	11.15	0.45	0.003	AGAT_FAICP		
			D64017	11.15	11.66	0.51	0.0005	AGAT_FAICP		
11.66	12.42	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Pegmatite. Pinkish brown massive kalatred hematized QF pegmatite . variably kalaterd silicified with white Qtz patches 30-40% and dominant kfeldspar altered zones.The core is badly broken in the middle of pegmatite unit from 12-12.16 m and sig core loss.	D64019	11.66	12.42	0.76	0.0005	AGAT_FAICP		
12.42	12.90	(UMD, PEG) UMLAMP Dike, Pegmatite, (LAMPD) UMD - Lamprophyre Dyke UMD/Lamp Dk dk grey balack fg massive to banded fractured with qtz cab stringers 2-3%. The UMD contains xenolith of pegamtitite 12.52-12.68 m with sharp contacts @ 80-85 tica. The L>C of the UMD is broken core	D64020	12.42	12.9	0.48	0.002	AGAT_FAICP		
12.90	17.10	(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, () FGSBI:dark grey to greenish grey brown foliated locally silicified sericitized and amph altered . bioite 20% amph 15-20% and diss garnet clusters 3-5%. This may be a silicified AMPINT. or amph chl alterd FGS. local greenish bands may be chl altered.local 3-5cm thich marronish sericite silicified bands.The part 13.44-13.87 m is AMPINT.	D64021	12.9	13.45	0.55	0.003	AGAT_FAICP		
			D64022	13.45	13.87	0.42	0.013	AGAT_FAICP		
			D64023	13.87	14.3	0.43	0.002	AGAT_FAICP		
			D64024	14.3	14.6	0.3	0.002	AGAT_FAICP		
			D64025	14.6	15.5	0.9	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D64027	15.5	16	0.5	0.002	AGAT_FAICP		
			D64028	16	16.5	0.5	0.002	AGAT_FAICP		
			D64029	16.5	17.1	0.6	0.001	AGAT_FAICP		
17.10	18.52	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D64030	17.1	17.7	0.6	0.003	AGAT_FAICP		
		UMD/Lamp Dk. Dk grey black massive fg with 3-5% carbonate pophyrobalsts magnetic.pinkish grey silicified alteration bandat the LC 15 cm thick 18.34-18.52 m. sharp contcat @55 tica	D64031	17.7	18.2	0.5	0.004	AGAT_FAICP		
			D64033	18.2	18.52	0.32	0.005	AGAT_FAICP		
18.52	20.53	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D64034	18.52	19	0.48	0.004	AGAT_FAICP		
		FGSBI. dk grey to light grey bioit rich with high amph and diss garnet 2-3% in qtzofeldpathic groundmass.variably silicified.Local diss and layer po/py 0/5-1% .Foliated @40 tica.	D64035	19	19.5	0.5	0.002	AGAT_FAICP		
			D64036	19.5	20	0.5	0.003	AGAT_FAICP		
			D64037	20	20.53	0.53	0.002	AGAT_FAICP		
20.53	20.90	(QV, PEG) Quartz Vein, Pegmatite, (QZVT1) Quartz flooding +/- AM, PY, PO, etc	D64039	20.53	20.9	0.37	0.001	AGAT_FAICP		
		QV and pegmatite . the upper part is QF pegmatitic white lower band is white CG massive qtz vein.. contains 5% CG bioitite.								
20.90	23.62	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D64040	20.9	21.9	1	0.007	AGAT_FAICP		
		AMPINT:greenish grey foliated sericitized and silicified with local qtz feld stringres veinlets 2-8 cm thich 2-3%. AMPINT contains bioit amph fg sericite and sparse i% CG garnet locally.	D64041	21.9	22.88	0.98	0.001	AGAT_FAICP		Sample D64041 partially sent to lab for assay (22.18-22.5m interval not sent); because core library taken and half core left in box. No anomalous gold expected so remaining half core not sent for assay later.
			D64042	22.88	23.26	0.38	0.002	AGAT_FAICP		
			D64043	23.26	23.62	0.36	0.001	AGAT_FAICP		
23.62	24.82	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D64044	23.62	24.17	0.55	0.0005	AGAT_FAICP		
		Pegmatite. Massive greyish white to pinkish grey with white feldspar and grey feldspar; rich in Qtz. Diss CG bioite and muscovite 3-5 % as well local band of fg-mg biot shap UC and L.C	D64045	24.17	24.82	0.65	0.0005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
24.82	28.66	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) AMPINT. dk grey to greenish grey weakly foliated.. sporadic Qtz veins and QF vein 15-20% 28-28.66 m. The section from 25.12-25.34 m is biot rich with mg-cg bioit and Cg feld is a GBFG band.	D64047	24.82	25.4	0.58	0.003	AGAT_FAICP		
			D64048	25.4	26	0.6	0.002	AGAT_FAICP		
			D64049	26	26.6	0.6	0.002	AGAT_FAICP		
			D64050	26.6	27.15	0.55	0.002	AGAT_FAICP		
			D64051	27.15	27.55	0.4	0.001	AGAT_FAICP		
			D64053	27.55	27.95	0.4	0.002	AGAT_FAICP		
			D64054	27.95	28.34	0.39	0.002	AGAT_FAICP		
			D64055	28.34	28.66	0.32	0.001	AGAT_FAICP		
28.66	40.30	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite AMPINT. dk grey to greenish grey foliated with local bands silicified with Qtz rich bands and local sericite alteration. amph bioit rich. scattered sporadic Qtz veining.	D64056	28.66	29.46	0.8	0.002	AGAT_FAICP		
			D64057	29.46	30.25	0.79	0.002	AGAT_FAICP		
			D64059	30.25	31.1	0.85	0.004	AGAT_FAICP		
			D64060	31.1	31.9	0.8	0.002	AGAT_FAICP		
			D64061	31.9	32.5	0.6	0.003	AGAT_FAICP		
			D64062	32.5	33.32	0.82	0.001	AGAT_FAICP		
			D64070	37.05	37.75	0.7	0.0005	AGAT_FAICP		
			D64071	37.75	38.35	0.6	0.0005	AGAT_FAICP		
			D64073	38.35	39	0.65	0.001	AGAT_FAICP		
			D64074	39	39.5	0.5	0.0005	AGAT_FAICP		
			D64075	39.5	39.9	0.4	0.0005	AGAT_FAICP		
			D64076	39.9	40.3	0.4	0.002	AGAT_FAICP		
			D64063	33.32	33.92	0.6	0.002	AGAT_FAICP		
			D64064	33.92	34.35	0.43	0.001	AGAT_FAICP		
			D64065	34.35	35	0.65	0.001	AGAT_FAICP		
			D64067	35	35.7	0.7	0.001	AGAT_FAICP		
			D64068	35.7	36.3	0.6	0.0005	AGAT_FAICP		
D64069	36.3	37.05	0.75	0.0005	AGAT_FAICP					
40.30	41.70	(PEG, AMP) Pegmatite, Amphibolite, (PEGGR) Granitic Pegmatite (<50% quartz) Pegmatite..Reddish brown CVCG K altered hematized feldspar rich with 40-45% white to grey white Qtz grains . 8-10 cm dk grey greenish 25 cm bands of AMPINT 40.68-40.95 m.sharp The core is broken between 40-68-40.79 m.No sig sulfides.	D64077	40.3	40.7	0.4	0.0005	AGAT_FAICP		
			D64079	40.7	41	0.3	0.001	AGAT_FAICP		
			D64080	41	41.7	0.7	0.001	AGAT_FAICP		
41.70	44.30	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite	D64081	41.7	42	0.3	0.005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		(50-69% amphibole)	D64082	42	42.7	0.7	0.002	AGAT_FAICP		
		AMPINT; dk grey greenishj weakly foliated maph bioit rich with sparse qtz stringers. similar to 28.66-40.30 m described above.	D64083	42.7	43.2	0.5	0.002	AGAT_FAICP		
			D64084	43.2	43.9	0.7	0.002	AGAT_FAICP		
			D64085	43.9	44.3	0.4	0.003	AGAT_FAICP		
44.30	44.65	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D64087	44.3	44.65	0.35	0.001	AGAT_FAICP		
		UMD/Lamp dk dk black to greenish balck massive with local carb phenocrysts. carbonate altered. sharp UC and LC.								
44.65	49.79	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D64088	44.65	45.5	0.85	0.002	AGAT_FAICP		
		AMPINT: greenish grey to dk grey fg-mg weakly foliated bioit amph rich. groundmass locally qtzofeldpsthic. no sig sulfides.sharp L.C with Pegmatite.	D64089	45.5	46.2	0.7	0.001	AGAT_FAICP		
			D64090	46.2	46.7	0.5	0.002	AGAT_FAICP		
			D64091	46.7	47.13	0.43	0.001	AGAT_FAICP		
			D64093	47.13	48	0.87	0.002	AGAT_FAICP		
			D64094	48	48.56	0.56	0.002	AGAT_FAICP		
			D64095	48.56	49.28	0.72	0.001	AGAT_FAICP		
			D64096	49.28	49.79	0.51	0.001	AGAT_FAICP		
49.79	54.63	(PEG, AMP) Pegmatite, Amphibolite, (PEGGR) Granitic Pegmatite (<50% quartz)	D64097	49.79	50.3	0.51	0.001	AGAT_FAICP		
		Pegmatite. Reddish and white massive with K felds and qtz 60-/40.%. dissiminated VCG magnetite grains 3-5% 1-4 cm size grains with fg biot qtz interstitial /surrounding some magnetite.some pale yellow beige color fg- CG intragranular mineral (sericite?) 1-2% present. sharp U.C . The L.C is marked by pegmatite vein with 3-4 cm thick AMPINT band. A small AMPINT band 51.74-52.13 m is present in the middle of pegmatite with wavy sharp contact oulines.UMD vein 49.36-49.46 m @85 tica and 70 tica sharp contacts.	D64099	50.3	51	0.7	0.0005	AGAT_FAICP		
			D64100	51	51.76	0.76	0.001	AGAT_FAICP		
			D64101	51.76	52.12	0.36	0.0005	AGAT_FAICP		
			D64102	52.12	52.78	0.66	0.0005	AGAT_FAICP		
			D64103	52.78	53.37	0.59	0.0005	AGAT_FAICP		
			D64104	53.37	53.85	0.48	0.0005	AGAT_FAICP		
			D64105	53.85	54.3	0.45	0.002	AGAT_FAICP		
			D64107	54.3	54.63	0.33	0.0005	AGAT_FAICP		
54.63	55.98	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D64108	54.63	55	0.37	0.002	AGAT_FAICP		
		AMPINT: greenish grey foliated fg amph rich with weak chl epdt alteration.	D64109	55	55.56	0.56	0.002	AGAT_FAICP		
			D64110	55.56	55.98	0.42	0.006	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
55.98	58.10	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Pegmatite: reddish brown massive K altered hematized. with 5-7% bands of biotite. a small band of AMPINT 57.27-57.55 m. sharp L> with UMD @55 tica.	D64111	55.98	56.5	0.52	0.003	AGAT_FAICP		
			D64113	56.5	57.28	0.78	0.001	AGAT_FAICP		
			D64114	57.28	57.58	0.3	0.001	AGAT_FAICP		
			D64115	57.58	58.1	0.52	0.001	AGAT_FAICP		
58.10	58.50	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke UMD. greenish banded with epidotized alteration halo around central dark grey black UMD weakly porphyritic dyke.	D64116	58.1	58.5	0.4	0.002	AGAT_FAICP		
58.50	68.84	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Pegmatite. reddish brown to light red and white. massive. contains Qtz feldspar with disseminated and bands of biotite 7-12%. pervasively hematized / k altered local white qtz veins and stringers 0.5-2 cm thick. sharp U.C @50 tica and L.C @80 tica with FGSBI.	D64117	58.5	59	0.5	0.002	AGAT_FAICP		
			D64119	59	59.6	0.6	0.006	AGAT_FAICP		
			D64120	59.6	60.23	0.63	0.002	AGAT_FAICP		
			D64121	60.23	60.93	0.7	0.002	AGAT_FAICP		
			D64122	60.93	61.7	0.77	0.001	AGAT_FAICP		
			D64123	61.7	62.5	0.8	0.002	AGAT_FAICP		
			D64131	66	66.5	0.5	0.0005	AGAT_FAICP		
			D64133	66.5	67	0.5	0.449	AGAT_FAICP		
			D64134	67	67.53	0.53	0.002	AGAT_FAICP		
			D64135	67.53	67.89	0.36	0.002	AGAT_FAICP		
			D64136	67.89	68.3	0.41	0.002	AGAT_FAICP		
			D64137	68.3	68.84	0.54	0.0005	AGAT_FAICP		
			D64124	62.5	63	0.5	0.008	AGAT_FAICP		
			D64125	63	63.5	0.5	0.001	AGAT_FAICP		
			D64127	63.5	64	0.5	0.002	AGAT_FAICP		
			D64128	64	64.64	0.64	0.001	AGAT_FAICP		
D64129	64.64	65.5	0.86	0.001	AGAT_FAICP					
D64130	65.5	66	0.5	0.001	AGAT_FAICP					
68.84	73.08	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone FGSBI. dk grey to greenish grey foliated locally silicified banded with qtz rich groundmass. contains 15-20% biotite and 10-12 % amph. qtz feld rich groundmass. local sparse qtz veins 1-2 cm thick. sharp L contact with Pegmatite.@50 tica.	D64139	68.84	69.7	0.86	0.002	AGAT_FAICP		
			D64140	69.7	70.54	0.84	0.004	AGAT_FAICP		
			D64141	70.54	71.1	0.56	0.016	AGAT_FAICP		
			D64142	71.1	71.4	0.3	0.03	AGAT_FAICP		
			D64143	71.4	72	0.6	0.014	AGAT_FAICP		
D64144	72	72.6	0.6	0.004	AGAT_FAICP					

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D64145	72.6	73.08	0.48	0.003	AGAT_FAICP		
73.08	74.14	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D64147	73.08	73.58	0.5	0.002	AGAT_FAICP		
		Pegmatite . pinkish and pikish grey massive with diss bioit 5-7%. hematized and kalatered . 15 cm band at the lower contcat with UMD appears silicified.	D64148	73.58	74.14	0.56	0.0005	AGAT_FAICP		
74.14	74.60	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D64149	74.14	74.6	0.46	0.001	AGAT_FAICP		
		UMD/Lamp dk. dark grey balck massive to 50% banded laterd with greenish brown beige bands silicified bioit and sericite altered .. the alteration halo between pegmatite and UMD is from 74.14 to 74.34 m to UMD contact. 10 cm at the lower contcat of UMD is weakly fractures breacciated with frcature fill carbonate and qtz carb veinlets. UMD contains diss 1-25 po/py in the centre. sharp Upper and lower contcats.								
74.60	76.32	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D64150	74.6	75.25	0.65	0.0005	AGAT_FAICP		
		FGSBI: dk grey to brownish grey foliated locally banded with silicifcation bioit rich with amph. sharp Lower contat with pegmatite. local white to miky grey Qtz vein 2 cm thich 74.80-74.89 m has got CG amph bioit.	D64151	75.25	75.75	0.5	0.004	AGAT_FAICP		
			D64153	75.75	76.32	0.57	0.002	AGAT_FAICP		
76.32	77.15	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D64154	76.32	76.74	0.42	0.001	AGAT_FAICP		
		Pegmatite. pinkish white QF masive pegmatite.similar to above.	D64155	76.74	77.15	0.41	0.001	AGAT_FAICP		
77.15	80.53	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D64156	77.15	77.75	0.6	0.003	AGAT_FAICP		
		AMPFWINT: grenish grey foliated locally banded due to silicification 78.58-79 m. amph rich with bioit. sharp L.C @55 tica.	D64157	77.75	78.45	0.7	0.001	AGAT_FAICP		
			D64159	78.45	78.85	0.4	0.001	AGAT_FAICP		
			D64160	78.85	79.35	0.5	0.003	AGAT_FAICP		
			D64161	79.35	80	0.65	0.001	AGAT_FAICP		
			D64162	80	80.53	0.53	0.002	AGAT_FAICP		
80.53	82.05	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D64163	80.53	81.18	0.65	0.002	AGAT_FAICP		
		UMD. dark black to greenish balck carbnt pophyritic 15-20% with carbonate pheno and carbnt frcature veinlets 1%. pervassively carbnt altered.sharp contacts.	D64164	81.18	82.05	0.87	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
82.05	84.00	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) AMPINT: dak grey to greenish grey banded with silicification locally filiated contain amph biot and CG garnet (aggregates) with chlorite and white feldspar fg pophryroblast in qtzofeldspathic groundmass.. diss and aggregate po/py 2-3%. sparse qF and Qtz veins 2-4 cm thick 1-2%.	D64165	82.05	82.5	0.45	0.031	AGAT_FAICP		
			D64167	82.5	83.15	0.65	0.006	AGAT_FAICP		
			D64168	83.15	83.7	0.55	0.003	AGAT_FAICP		
			D64169	83.7	84	0.3	0.001	AGAT_FAICP		
84.00	85.70	(QV, MAM) Quartz Vein, Mottled Amphibolite, (QZVT1) Quartz flooding +/- AM, PY, PO, etc Qtz vein massive white to greenish tinted white to white in the start of the vein up to 85.20 m and with greenish amph chlorite pxn and pinkish white feldspar from 85.20-86.70 m to the L.C of the unit.. The lower 50 cm part apperas chl amph altered with 3-5% po/py. The po/py mostly Py make veins and coating on the fracture surfaces and diss blebs fg-mg .There are 10-15% CG feld and 10-15% greenish fibrous patchy minerals chl amph biot. The interval 84.20-43 m is AMPINT band with gt amph biot.having sharp contacts as a xenolith in the pegmatitic Qtz vein	D64170	84	84.39	0.39	0.0005	AGAT_FAICP		
			D64171	84.39	84.7	0.31	0.005	AGAT_FAICP		
			D64173	84.7	85.05	0.35	0.002	AGAT_FAICP		
			D64174	85.05	85.7	0.65	0.006	AGAT_FAICP		
85.70	89.36	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) AMPINT. greenish grey to grey foliated locally feld pophryroblastic. contains biot amph 20% gt 3-5% mag 1% .Qtz feldspar bands 3 cm to 15 cm 88.19-88.50 m and 88.64-88.74 m with white pophyritic feld with 20-30% feldspar and qtz rich patches. qtz feld pegamtic silicified bands 87.13-87.30 m Diss 2-3% po/py fg-mg. The sulfides tend to concentrate whet gt amph biot are concentrated.. sharp L.C with UMD @30 tica..	D64175	85.7	86.4	0.7	0.004	AGAT_FAICP		
			D64176	86.4	87	0.6	0.003	AGAT_FAICP		
			D64177	87	87.6	0.6	0.001	AGAT_FAICP		
			D64179	87.6	88.15	0.55	0.003	AGAT_FAICP		
			D64180	88.15	88.8	0.65	0.007	AGAT_FAICP		
			D64181	88.8	89.36	0.56	0.007	AGAT_FAICP		
89.36	90.45	(UMD) UMD/LAMP Dike, (LAMPD) UMD - Lamprophyre Dyke UMD/Lamp Dk black massive pophyritic carbonate altered . sharp L.C with FGG.	D64182	89.36	90	0.64	0.0005	AGAT_FAICP		
			D64183	90	90.45	0.45	0.001	AGAT_FAICP		
90.45	94.40	(FGG) Felsic Gneiss Granitic, () FGG. light grey to dark smoky grey white fg to mg with local CG pegmatitic bands. strongly sericite altered with qtz sericite muscovite and 1-2% po/py local up to 5-10% po/py dissiminated layers and bands . The interval is mineralized and promising for Au localization.	D64184	90.45	90.94	0.49	0.01	AGAT_FAICP		
			D64185	90.94	91.35	0.41	0.011	AGAT_FAICP		
			D64187	91.35	91.85	0.5	0.01	AGAT_FAICP		
			D64188	91.85	92.45	0.6	0.012	AGAT_FAICP		
			D64189	92.45	93	0.55	0.014	AGAT_FAICP		
			D64190	93	93.5	0.5	0.031	AGAT_FAICP		
			D64191	93.5	94	0.5	0.012	AGAT_FAICP		
			D64193	94	94.4	0.4	0.019	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
94.40	94.84	(PEG) Pegmatite, (PEGQZ) Quartz Pegmatite (>90% quartz)	D64194	94.4	94.84	0.44	0.021	AGAT_FAICP		
Pegmatite. massive white to greyish white. composed of Qtz and white grey feldspar with a 10 cm thick 95% milky grey white Qtz. The pegmatite is separated as separate sampling unit is part of the larger pinkish QF pegmatite following this unit.										
94.84	95.86	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D64195	94.84	95.35	0.51	0.001	AGAT_FAICP		
QF pegmatite. Pinkish white massive moderately hematized k altered.										
95.86	98.80	(PEG) Pegmatite, (PEGQZ) Quartz Pegmatite (>90% quartz)	D64197	95.86	96.35	0.49	0.057	AGAT_FAICP		
Pegmatite. massive white to greyish white diss CG biot 3-5% magnetite Cg 1-2% pinkish K feldspar 5-6%. po/py patches diss Cg 2-5%. fg-mg band 10 cm 96.82-96.92 m composed of fg biot sericite chl and Fuschite chrome mica? with blebs and veins of po/py 3-5% local. The interval 98.43-98.80 m is more biotite rich and with dk grey pale yellowish color and higher content of po/py 5-7% mg-CG. The pegmatite is Qtz rich and overall mineralized.										
			D64199	96.35	96.94	0.59	0.01	AGAT_FAICP		
			D64200	96.94	97.66	0.72	0.002	AGAT_FAICP		Waleed logged sampled up to 97.66 m
			D64201	97.66	98.43	0.77	0.002	AGAT_FAICP		
			D64202	98.43	98.8	0.37	0.024	AGAT_FAICP		
98.80	101.16	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D64203	98.8	99.45	0.65	0.012	AGAT_FAICP		
FGSBI. dk grey to light grey locally banded with biot and Qtz rich patches. foliated fg-mg. The section 100.26-101.16 m is more biot rich 15-20% biot with feldspar pheno and Qtz bands and 3-7% biot layers and disseminations and look like GBFG with no garnets..										
			D64204	99.45	99.85	0.4	0.015	AGAT_FAICP		
			D64205	99.85	100.26	0.41	0.018	AGAT_FAICP		
			D64207	100.26	100.67	0.41	0.025	AGAT_FAICP		
			D64208	100.67	101.16	0.49	0.014	AGAT_FAICP		
101.16	103.56	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D64209	101.16	101.69	0.53	0.002	AGAT_FAICP		
QF Pegmatite. pinkish white to white and greyish white. ka lalred patchy. massive. white massive quartz band 14 cm 103.07-103.22 m. The section 103.22-103.56 m is dark grey with bioteamph magnetite fracture fill veinlets and blebs of mg -cg po/py sulfide fracture stock work with 7-10% po/py. A massive white Qtz vein 103.08-103.22 m in pegmatite has alpha 70 and beta 215 for its L.C with in pegmatite.										
			D64210	101.69	102.2	0.51	0.006	AGAT_FAICP		
			D64211	102.2	102.9	0.7	0.007	AGAT_FAICP		
			D64213	102.9	103.2	0.3	0.001	AGAT_FAICP		
			D64214	103.2	103.56	0.36	0.011	AGAT_FAICP		
103.56	104.57	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D64215	103.56	104.06	0.5	0.002	AGAT_FAICP		
AMPINT: greenish grey to dk grey fg-mg foliated with local light grey feldspathic 10 cm band. amph biot rich weakly silicified.										
			D64216	104.06	104.57	0.51	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
104.57	105.60	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Pegmatite : greysi white to grey weakly banded with qtz feld rich bands and bioite rich bands.15-20% biotite diss po/py 1-2% to 3-5% with semi massive po patches 104.57-104.70 m with 30-40% CG Po in 6 cm.	D64217	104.57	104.9	0.33	0.024	AGAT_FAICP		
			D64219	104.9	105.6	0.7	0.004	AGAT_FAICP		
105.60	106.69	(GBFG, PEG) Garnet Biotite Felsic Gneiss, Pegmatite, () GBFG: dk grey foliated fg-mg bioit rich with 10-12% muscovite and 5% silliminite. diss po/py 2-5%. local 10-15% Qtz and QF pegmatitic bands	D64220	105.6	106.26	0.66	0.011	AGAT_FAICP		
			D64221	106.26	106.69	0.43	0.012	AGAT_FAICP		
106.69	107.13	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Pegmatite; pinkish white QF peg. with 5-10% bioite patches and 2-3% Cg muscovite patches.. no sif sulfides.	D64222	106.69	107.13	0.44	0.006	AGAT_FAICP		
107.13	107.87	(GBFG) Garnet Biotite Felsic Gneiss, () GBFG: dk grey foliated bioit rich with Feld pophryobalsts and siliminite. sharp lower contact. 1-2% po/py diss	D64223	107.13	107.87	0.74	0.007	AGAT_FAICP		
107.87	112.04	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone FGSGB: light grey to local greenish grey fg to me with local qtz pophryoblast; locally silicified part chlorite altered.composed of bioit amph chl garnet in qtzofeldpathic groundmass. amassive small qtz vein 15 cm from107.90-108.08 m has sharp contcats.local section 108-108.53 m is bioit rich and appear GBFG. sharp lower contact with AMPINT 10 cm band part of the Qtz vein and GBFG.	D64224	107.87	108.2	0.33	0.004	AGAT_FAICP		
			D64225	108.2	108.7	0.5	0.01	AGAT_FAICP		
			D64227	108.7	109.22	0.52	0.001	AGAT_FAICP		
			D64228	109.22	110	0.78	0.008	AGAT_FAICP		
			D64229	110	110.75	0.75	0.002	AGAT_FAICP		
			D64230	110.75	111.4	0.65	0.0005	AGAT_FAICP		
112.04	112.74	(QV, GBFG) Quartz Vein, Garnet Biotite Felsic Gneiss, (QZVT1) Quartz flooding +/- AM, PY, PO, etc A Mixed zone of AMPINT or MD 112.04-112.15 m GBFG 112.15-112.30 m and Masive white Qtz vein 112.30-112.74 m. AMPINT is dark green massive weakly porphyritic sharp U.C with FGSGB and sharp lower contcat with GBFG which is bioit rich with feldsp pheno and blebs of po/py 2-3%. Qtz vein is greenish white with 15-20% and FGSGB.bands of biot chl amph	D64233	112.04	112.34	0.3	0.007	AGAT_FAICP		
			D64234	112.34	112.74	0.4	0.022	AGAT_FAICP		
112.74	113.60	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D64235	112.74	113.09	0.35	0.012	AGAT_FAICP		
			D64236	113.09	113.6	0.51	0.009	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		FGSBI: light grey to dark grey banded foliated silicified biot amph rich in qtzo feldspathic ground maas. diss blebby po/py 3-5%								
113.60	114.15	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke UMD/Lamp dk massive porphyritic carbonate xeolithic carb alterd. sharp U.C and L.ca with FGS.	D64237	113.6	114.15	0.55	0.003	AGAT_FAICP		
114.15	118.53	(GBFG) Garnet Biotite Felsic Gneiss, (FGSBI) FGS (10-29% BI) above or proximal to gold zone GBFG: dk brown; foliated 0-50dtca decreasing w/ depth; bioit rich w/ qtzofeldsptthic groundmass. Qtz vein pegmatitic massive from 114.15-114.34 m. 30% bi; 5% am; 10% py; dark grey mod perv si alt	D64239	114.15	114.45	0.3	0.025	AGAT_FAICP		
			D64240	114.45	115.04	0.59	0.023	AGAT_FAICP		
			D64241	115.04	116	0.96	0.026	AGAT_FAICP		
			D64242	116	117	1	0.021	AGAT_FAICP		
			D64243	117	118	1	0.007	AGAT_FAICP		
			D64244	118	118.53	0.53	0.024	AGAT_FAICP		
118.53	119.17	(QV, FGS) Quartz Vein, Felsic Gneiss Sedimentary, (QZVT1) Quartz flooding +/- AM, PY, PO, etc QZ vns 60%: med to dk grey prll flooding type qz vns up to 5cm wd one w/ pink calcite; all weakly to moderately boudinaged; vns roughly prll to fol of surrounding FGSBI of 40-45dtca; 5% bi overall; 5% py mostly outside of vns	D64245	118.53	119.17	0.64	0.007	AGAT_FAICP		
119.17	120.13	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone FGSBI: dark grey; weakly fol 20-25dtca; med to dk gy mod perv si alt & also tiny qz strs w/ diffuse edges roughly prll to fol; 5% bi; 4% mu; 5% am; 5% py	D64247	119.17	120.13	0.96	0.005	AGAT_FAICP		
120.13	122.63	(GBFG) Garnet Biotite Felsic Gneiss, () GBFG: dark brown; weakly foliated 35dtca; also 7% med gy qz vns up to 3cm wd roughly prll to fol; 40% bi; 5% am; 2% localized ga porphyroblasts; 5% py; 1% po; mod patchy perv dk gy si alt; gradational upper ct w/ FGS	D64248	120.13	121	0.87	0.007	AGAT_FAICP		
			D64249	121	122	1	0.009	AGAT_FAICP		
			D64250	122	122.63	0.63	0.012	AGAT_FAICP		
122.63	123.16	(QV, FGS) Quartz Vein, Felsic Gneiss Sedimentary, (QZVT1) Quartz flooding +/- AM, PY, PO, etc QZ: 60% med to dk grey flooding type boudinaged qz vns up to 3cm wd; prll to weak fol off 35-50dtca; 3% bi; 5% am; 4% py; 1% po w/ sulphides mostly outside vns	D64251	122.63	123.16	0.53	0.011	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
123.16	128.70	(FGS) Felsic Gneiss Sedimentary, () FGS: med grey; weak fol 25-35dca; 15cm wd dk grey qz vn from 124.11 to 124.33: partly prll to fol (lower ct) but highly boudinaged. 4% bi; 5% am; 5% py; perv med to dk grey si alt throughout.	D64257	127	128	1	0.007	AGAT_FAICP		
			D64259	128	128.7	0.7	0.011	AGAT_FAICP		
			D64253	123.16	124	0.84	0.011	AGAT_FAICP		
			D64254	124	125	1	0.015	AGAT_FAICP		
			D64255	125	126	1	0.113	AGAT_FAICP		
			D64256	126	127	1	0.013	AGAT_FAICP		
128.70	129.55	(AMP) Amphibolite, () AMP is dark green; weakly to moderately foliated; moderately magnetic; fg. Progressive upper contact from FGS-Amp.	D64260	128.7	129.55	0.85	0.003	AGAT_FAICP		
129.55	130.34	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone FGS-BI interval is strongly silicified; with 2% Po+Py (diss. blebs). Dark grey/black; strongly foliated (15% Bt); some diffuse Qz veinlets. Converging contacts (F2 folding?).	D64261	129.55	130.34	0.79	0.015	AGAT_FAICP		
130.34	130.98	(AMP) Amphibolite, () Small AMP level; dark green; moderately magnetic; weakly to moderately foliated; fg; Amp+Bt+tr.Po. Few QzCb veinlets.	D64262	130.34	130.98	0.64	0.003	AGAT_FAICP		
130.98	131.85	(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGGR) Granitic Pegmatite (<50% quartz) PEG-GR with 20cm FGS-BI-Ser-Py level at top of PEG vein (AMP/FGS contact). PEG-GR is medium grey (Qz); pale green (Fp); pale pink (KFp with salty texture); Bt; Py. Possible migmatitic texture.	D64263	130.98	131.28	0.3	0.012	AGAT_FAICP		
			D64264	131.28	131.85	0.57	0.002	AGAT_FAICP		
131.85	135.71	(AMP) Amphibolite, () AMP is dark green (Hbl) with common diffuse Gt (purple/brownish) concentrations; local blue riebeckite needles (equante texture); moderately magnetic; weakly to moderately foliated; fg; homogeneous. Local thin Qz veinlet oblique to S1.	D64265	131.85	132.85	1	0.003	AGAT_FAICP		
			D64267	132.85	133.85	1	0.004	AGAT_FAICP		
			D64268	133.85	134.85	1	0.005	AGAT_FAICP		
			D64269	134.85	135.71	0.86	0.003	AGAT_FAICP		
135.71	136.15	(FGS) Felsic Gneiss Sedimentary, () Small FGS-Amp level within AMP interval. 1-2cm thick Qz (smokey grey) veinlet.	D64270	135.71	136.15	0.44	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
136.15	137.08	(AMP) Amphibolite, () Continuity of dark green AMP interval uphole. Lower contact with FGS is F1-folded. AMP is dark green (Hbl); weakly to moderately foliated; moderately magnetic; fg; homogeneous.	D64271	136.15	137.08	0.93	0.002	AGAT_FAICP		
137.08	137.55	(FGS) Felsic Gneiss Sedimentary, () Small FGS interval F1-folded within AMP. Converging contacts (upper contact is F1-folded). Medium grey; fg; 5% Bt; thin Qz veinlet F1-folded.	D64273	137.08	137.55	0.47	0.002	AGAT_FAICP		
137.55	137.86	(AMP) Amphibolite, () Small AMP level between two FGS intervals.	D64274	137.55	137.86	0.31	0.003	AGAT_FAICP		
137.86	138.40	(FGS, QV) Felsic Gneiss Sedimentary, Quartz Vein, () Small FGS interval with 5cm thick QV2 (boudinaged) at upper contact with AMP. 1% Po+Py.	D64275	137.86	138.4	0.54	0.005	AGAT_FAICP		
138.40	138.95	(AMP, QV) Amphibolite, Quartz Vein, () AMP level with 24cm wide strongly silicified level from 138.7m (thin Qz veinlets // S1 intermixed with AMP-Bt bands; 0.25% Py+Po; local thin QzFp veinlet). AMP is Bt-rich; moderately magnetic (fg Mt); with small Py masses and a 1mm thick Py veinlet oblique to S1 (measured).	D64276 D64277	138.4 138.7	138.7 139	0.3 0.3	0.012 0.004	AGAT_FAICP AGAT_FAICP		
138.95	140.50	(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, (FGSBI) FGS (10-29% BI) above or proximal to gold zone FGS is locally strongly silicified with migmatitic levels // S1 (mg Qz+light grey Fp); 20cm wide AMP at lower contact with large PEG/QV1 interval (AMP is beige; strongly Ser-altered against PEG). FGS with 5-10% Bt. Near upper contact of FGS; 2% Po+Py.	D64279 D64280 D64281	139 139.4 140.2	139.4 140.2 140.5	0.4 0.8 0.3	0.006 0.007 0.003	AGAT_FAICP AGAT_FAICP AGAT_FAICP		
140.50	140.80	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Upper part of a large (18m wide) interval of PEG-GR with possible QV1 veins throughout. PEG-GR is light grey (Qz); salmon pink (KFp); pale green (Fp); 1-2% fg-mg Mt+Py.	D64282	140.5	140.8	0.3	0.007	AGAT_FAICP		
140.80	141.10	(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc Possible QV1 within large PEG-GR interval. QV1 is smokey grey (Qz) with pale green Fp; massive; cg; 3% Mt+Po+Py (fg-mg); tr. WM; diffuse contacts with PEG (relative chronology not obvious).	D64283	140.8	141.1	0.3	0.016	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
141.10	142.93	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Continuity of large PEG-GR interval (containing possible QV1 veins). PEG-GR is light grey (Qz); salmon pink (KFp); pale green (Fp); 1-2% fg-mg Mt+Py; tr. WM. Diffuse contacts with surrounding QV1.	D64284	141.1	142.1	1	0.001	AGAT_FAICP		
			D64285	142.1	142.93	0.83	0.0005	AGAT_FAICP		
142.93	144.60	(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc Possible QV1 within large PEG-GR interval. QV1 is light to smokey grey (Qz) with pale green Fp; massive; cg; 3-4% Mt+Po+Py (fg-mg; diss. blebs and small masses); tr. WM; diffuse lower contact with PEG (relative chronology not obvious).	D64287	142.93	143.93	1	0.014	AGAT_FAICP		
			D64288	143.93	144.6	0.67	0.021	AGAT_FAICP		
144.60	153.05	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Continuity of large PEG-GR interval (containing possible QV1 veins). PEG-GR is light grey (Qz); salmon pink (KFp); pale green (Fp); local light green Amp (?); overall 1% fg-mg Mt+Py; tr. WM; local Cb veinlets. Some levels look almost like QV1 veins with diffuse contacts with PEG.	D64289	144.6	145.45	0.85	0.005	AGAT_FAICP		
			D64290	145.45	145.75	0.3	0.003	AGAT_FAICP		
			D64291	145.75	146.75	1	0.006	AGAT_FAICP		
			D64293	146.75	147.75	1	0.005	AGAT_FAICP		
			D64294	147.75	148.75	1	0.003	AGAT_FAICP		
			D64295	148.75	149.75	1	0.006	AGAT_FAICP		
			D64296	149.75	150.75	1	0.009	AGAT_FAICP		
			D64297	150.75	151.75	1	0.004	AGAT_FAICP		
			D64299	151.75	152.75	1	0.006	AGAT_FAICP		
D64300	152.75	153.05	0.3	0.007	AGAT_FAICP					
153.05	153.60	(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc Possible QV1 within large PEG-GR interval. QV1 is light to smokey grey (Qz) with pale green Fp; massive; cg; 3% Mt+Po+Py (fg-mg; diss. blebs and small masses); tr. WM; diffuse contacts with PEG (relative chronology not obvious).	D64301	153.05	153.6	0.55	0.026	AGAT_FAICP		
153.60	155.16	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Continuity of large PEG-GR interval (containing possible QV1 veins). PEG-GR is light grey (Qz); salmon pink (KFp); pale green (Fp); overall 0.5% fg-mg Mt+Py; tr. WM. Local thin FGS-BI sleeve. Near lower contact; PEG looks like QV1. Upper contact with apparent QV1 is diffuse.	D64302	153.6	154.3	0.7	0.009	AGAT_FAICP		
			D64303	154.3	154.6	0.3	0.013	AGAT_FAICP		
			D64304	154.6	155.16	0.56	0.014	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
155.16	156.61	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D64305	155.16	155.61	0.45	0.014	AGAT_FAICP		
			D64307	155.61	156.61	1	0.019	AGAT_FAICP		
Small FGS-BI interval within large PEG-GR/possible QV1 interval. Few thin migmatitic levels // S1. 1.5% Py+Po (diss. blebs).										
156.61	157.93	(PEG, QV) Pegmatite, Quartz Vein, (PEGGR) Granitic Pegmatite (<50% quartz)	D64308	156.61	157.1	0.49	0.03	AGAT_FAICP		
			D64309	157.1	157.93	0.83	0.018	AGAT_FAICP		
Last part of large PEG-GR interval (containing possible QV1 veins). 30% of possible QV1 veins (with diffuse contacts with PEG) and intermixed FGS sleeves (host rock of PEG and possible QV1). PEG-GR is light grey (Qz); salmon pink (KFp); pale green (Fp); tr. Mt+Py+Po. Possible QV1 have up to 5% Po+Py+Mt as masses and diss. blebs.										
157.93	160.80	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D64310	157.93	159.06	1.13	0.007	AGAT_FAICP		
			D64311	159.06	159.55	0.49	0.015	AGAT_FAICP		
			D64313	159.55	160.4	0.85	0.019	AGAT_FAICP		
			D64314	160.4	160.8	0.4	0.028	AGAT_FAICP		
Logged as FGS-BI for consistency with other RD holes. Gt-Bt-Sil-Bt-WM micaschist; dark grey with light grey/white Sil; beige/salmon pink from 159.06 to 159.55m (Ser-altered; KFp-rich); strongly foliated (mylonitic texture); moderately stretched (Sil+Qz); fg-mg; 15-20% Sil; 30% Bt; 5% Gt; Qz+Fp; tr. WM; tr. Mt. Local thin QzCb veinlets; local 5cm thick QzPyV.										
160.80	162.20	(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, (FGSGB) Variable BI + garnets below the gold zone	D64315	160.8	161.1	0.3	0.022	AGAT_FAICP		
			D64316	161.1	161.5	0.4	0.015	AGAT_FAICP		
			D64317	161.5	162.2	0.7	0.014	AGAT_FAICP		
Continuity of FGS-GB interval uphole but less foliated; no Sil; with 30% intermixed migmatitic levels ("PEG-GR"; look like QV1; up to 2% Py+Po). Mg-cg Gt; Bt-rich; blueish against lower contact with LAMP dyke.										
162.20	164.70	(UMD) UMLAMP Dyke, (LAMPD) UMD - Lamprophyre Dyke	D64319	162.2	163.2	1	0.001	AGAT_FAICP		
			D64320	163.2	164.7	1.5	0.002	AGAT_FAICP		
UMD-LAMP dyke is black/dark grey; vfg-fg with fg Cb "phenocrystals"; massive; strongly magnetic; faulted (strongly fractured; blocky core) at 163m (10cm wide); and from 163.7 to 164.7m. Few Cb veinlets. Fault zone extends beyond UMD.										
164.70	173.77	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D64321	164.7	165.5	0.8	0.023	AGAT_FAICP		
			D64322	165.5	166.3	0.8	0.026	AGAT_FAICP		
			D64323	166.3	167.1	0.8	0.036	AGAT_FAICP		
			D64324	167.1	167.6	0.5	0.012	AGAT_FAICP		
			D64325	167.6	168.6	1	0.057	AGAT_FAICP		
			D64327	168.6	169.6	1	0.04	AGAT_FAICP		
D64335	173.4	173.77	0.37	0.0005	AGAT_FAICP					
Continuity of FGS-GB interval uphole (above UMD); strongly fractured (fault zone) from top to 168.5m (including a minimum 3cm thick fault gouge at 167.6m within a 20cm wide UMD-LAMP dykelet); some small QV1-apparent veins at from 166.3 to 167m (very blocky core; not docked; core could have be displaced). Lower part is very competent; with cg-vcg purple-pink Gt porphyroblasts and clasts (up to 2-3cm wide); moderately foliated; weakly to moderately magnetic from 171m (above; Mt could be destructed by fault zone?). Small smokey grey Qz veinlets between 172.14 and 172.53m with vf possible VG or more likely Cpy (pink-gold color). 6cm thick QV at 173.2m. Local thin Ser-altered haloes around late Qz										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
veinlets.			D64328	169.6	170.6	1	0.008	AGAT_FAICP		
			D64329	170.6	171.6	1	0.007	AGAT_FAICP		
			D64330	171.6	172.1	0.5	0.009	AGAT_FAICP		
			D64331	172.1	172.6	0.5	0.0005	AGAT_FAICP		
			D64333	172.6	173.1	0.5	0.0005	AGAT_FAICP		
			D64334	173.1	173.4	0.3	0.0005	AGAT_FAICP		
173.77	175.90	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D64336	173.77	174.77	1	0.001	AGAT_FAICP		
			D64337	174.77	175.4	0.63	0.003	AGAT_FAICP		
			D64339	175.4	175.9	0.5	0.071	AGAT_FAICP		
PEG-GR with silicified and mineralized levels (Cpy+Py+Po+Mt) similar to 140.5-157.93m interval. PEG-GR is medium grey (Qz); light pink (KFp); light grey (Fp); with smokey grey Qz diffuse levels (QV1/pervasive silicification?); local concentrations of Cpy+Py+Po+Mt near lower contact with apparent QV1 interval.										
175.90	177.30	(QV, FGS) Quartz Vein, Felsic Gneiss Sedimentary, (QZVT1) Quartz flooding +/- AM, PY, PO, etc	D64340	175.9	176.45	0.55	0.054	AGAT_FAICP		
			D64341	176.45	177	0.55	0.054	AGAT_FAICP		
			D64342	177	177.3	0.3	0.008	AGAT_FAICP		
Logged as QV1 (60%) due to strong silicification but PEG-GR/migmatitic texture in background; with 40% FGS-GB relicts (mod. to strongly foliated; Gt-rich; Bt-rich; Sil; 2% Cpy+Py+Mt // S1). QV1 are medium to smokey grey; // S1; pervasive silicification; contain Cpy+Py+Mt. Lower end is a 22cm wide PEG-GR.										
177.30	180.57	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D64343	177.3	178.3	1	0.003	AGAT_FAICP		
			D64344	178.3	179.3	1	0.001	AGAT_FAICP		
			D64345	179.3	180.57	1.27	0.013	AGAT_FAICP		
FGS-GB is dark grey with fg to vcg Gt porphyroblasts; masses; weakly to mod. foliated; mod. silicified but no QV. Local fg Fp salty texture; local thin pink/beige Ser-altered haloes around late Qz veinlets; progressive contact toward Sil-rich FGS-GB. 0.25% Cpy+Mt; not magnetic.										
180.57	183.19	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D64347	180.57	180.9	0.33	0.032	AGAT_FAICP		
			D64348	180.9	181.4	0.5	0.023	AGAT_FAICP		
			D64349	181.4	182.4	1	0.026	AGAT_FAICP		
			D64350	182.4	183.19	0.79	0.034	AGAT_FAICP		
FGS-GB is Sil-rich (10-15%); dark grey with fg-cg purple/pink Gt porphyroclasts (20%); 10-15% Bt; pervasively silicified (local thin QV1 // S1); weakly magnetic (1% Mt); 0.5% Po+Cpy+Py; strongly foliated; moderately stretched (Sil//L1). Progressive upper contact with FGS-GB (Sil-poor). Local small PEG-GR/QV1-Cpy veinlet (<8cm thick) // S1. Late pale green Ser-altered haloes around Qz veinlets.										
183.19	184.66	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D64351	183.19	184.19	1	0.003	AGAT_FAICP		
			D64353	184.19	184.66	0.47	0.034	AGAT_FAICP		
Migmatitic interval/FGG-looking; logged as PEG. Light pink (KFp); locally pale green (Fp); sugary texture (mg); weakly foliated; 3% Sil; tr. WM; sharp contacts. Non magnetic.										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
184.66	191.98	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D64354	184.66	185.35	0.69	0.161	AGAT_FAICP		
		Continuity of FGS-GB-Sil interval uphole; with small apparent QV1 (185.75-186.01m: smokey grey Qz;mg-cg Gt; Bt; 1% Py+Cpy+Po) and small AMP (189.9-190.12m). FGS-BG-Sil is dark grey and redish (Gt); strongly foliated; moderately stretched (Sil+Qz porphyroclasts // L1); 15% Sil; 20% Gt 25% Bt; 0.5% Py+Cpy+Po; 1% Mt (magnetic unit); moderately silicified; locally strongly silicified (small Qz veinlets); some small beige/orange/pink Ser/KFp-altered haloes around Qz veinlets; some small QzFp migmatitic veinlets // S1.	D64355	185.35	185.7	0.35	0.111	AGAT_FAICP		
			D64356	185.7	186	0.3	0.056	AGAT_FAICP		
			D64357	186	187	1	0.016	AGAT_FAICP		
			D64359	187	188	1	0.036	AGAT_FAICP		
			D64360	188	189	1	0.073	AGAT_FAICP		
			D64361	189	189.9	0.9	0.054	AGAT_FAICP		
			D64362	189.9	190.2	0.3	0.006	AGAT_FAICP		
			D64363	190.2	191.2	1	0.039	AGAT_FAICP		
			D64364	191.2	191.98	0.78	0.006	AGAT_FAICP		
191.98	192.43	(AMP) Amphibolite, ()	D64365	191.98	192.43	0.45	0.01	AGAT_FAICP		
		Small AMP level; dark green core with orangey/beige Ser-altered contacts; Amp+Bt; moderately foliated; fg; close fold (F1?) highlighted by deformed compositional layering (S0). Not sure if S1 is folded as well. Two limbs are // to main foliation S1.								
192.43	193.25	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D64367	192.43	193.25	0.82	0.0005	AGAT_FAICP		
		Small FGS-GB level; medium-dark grey; fg; mg Gt; moderately foliated.								
193.25	195.05	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D64368	193.25	194.1	0.85	0.0005	AGAT_FAICP		
		PEG-GR is massive; salmon pink (KFp-richer) and light grey in upper half part; light grey (Qz-richer) and medium green (hard; Amp? Cpx?); cg-vcg; massive; 0.5% mg-cg magnetite. Upper contact oblique to S1 and irregular (wavy).	D64369	194.1	195.05	0.95	0.001	AGAT_FAICP		
195.05	203.86	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D64370	195.05	196.05	1	0.046	AGAT_FAICP		
		Large FGS-GB-Sil interval; with abundant cg to vcg (up to 4cm wide) Gt porphyroclasts (wrapped between S1 planes outlined by Bt; Sil); dark grey; purple/redish (30% Gt); some Sil-rich levels are strongly foliated; otherwise moderately foliated; some beige/brown Ser-altered haloes around late QzCb veinlets (main one from 200.27 to 200.65m); small PEG-GQ veins (199.65-199.92m). Local Po+Cpy as diss. blebs usually concentrated near PEG contacts; weakly magnetic (tr. Mt).	D64371	196.05	197.05	1	0.059	AGAT_FAICP		
			D64373	197.05	198.05	1	0.005	AGAT_FAICP		
			D64374	198.05	199.05	1	0.0005	AGAT_FAICP		
			D64375	199.05	199.62	0.57	0.002	AGAT_FAICP		
			D64376	199.62	199.92	0.3	0.0005	AGAT_FAICP		
			D64377	199.92	200.27	0.35	0.082	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D64379	200.27	200.65	0.38	0.01	AGAT_FAICP		
			D64380	200.65	201.65	1	0.003	AGAT_FAICP		
			D64381	201.65	202.65	1	0.0005	AGAT_FAICP		
			D64382	202.65	203.45	0.8	0.008	AGAT_FAICP		
			D64383	203.45	203.86	0.41	0.048	AGAT_FAICP		
203.86	204.38	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D64384	203.86	204.38	0.52	0.004	AGAT_FAICP		
		Small PEG-QG vein within FGS-GB-Sil; light grey; salmon pink; pale green; 2% mg-cg Mt.								
204.38	212.46	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D64385	204.38	205.38	1	0.042	AGAT_FAICP		
		Continuity of large FGS-GB-Sil interval uphole. Abundant mg-cg Gt porphyroclasts (wrapped between S1 planes outlined by Bt; Sil); dark grey; purple/redish (30% Gt); 15% Sil; strongly to moderately foliated; some Qz+/-Fp veinlets; locally tightly F1-folded (measured). Some thin beige Ser-altered haloes around late Qz-Cb veinlets oblique to S1. Tr. Po+Py+Cpy (blebs). 211.93-212.3m: abundant Qz-Fp veinlets (migmatization?).	D64387	205.38	206.38	1	0.027	AGAT_FAICP		
			D64388	206.38	207.38	1	0.011	AGAT_FAICP		
			D64389	207.38	208.38	1	0.029	AGAT_FAICP		
			D64390	208.38	209.38	1	0.017	AGAT_FAICP		
			D64391	209.38	210.38	1	0.005	AGAT_FAICP		
			D64393	210.38	210.85	0.47	0.036	AGAT_FAICP		
			D64394	210.85	211.25	0.4	0.013	AGAT_FAICP		
			D64395	211.25	211.93	0.68	0.01	AGAT_FAICP		
			D64396	211.93	212.46	0.53	0.014	AGAT_FAICP		
212.46	213.00	(AMP) Amphibolite, ()	D64397	212.46	213	0.54	0.006	AGAT_FAICP		
		Probable AMP level; dark blue mineral (Riebeckite?) and light green mineral (Amp?); Bt-rich; common thin pink/beige Ser-altered bands and Qz-Fp-Mt-Py veinlets // S1; moderately to strongly foliated; fg.								
213.00	214.47	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D64399	213	214	1	0.002	AGAT_FAICP		
		Continuity of large FGS-BG-Sil interval uphole. Progressive transition toward Amp-rich equivalent downhole. Some Qz veinlets // S1; locally tightly F1-folded (measured).	D64400	214	214.47	0.47	0.01	AGAT_FAICP		
214.47	216.02	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D64401	214.47	215.47	1	0.007	AGAT_FAICP		
		This Amp-rich level is part of the large FGS-GB-Sil sequence; logged as AMP to be highlighted but felsic to intermediate composition. Dark green (20% Amp-rich bands); grey	D64402	215.47	216.02	0.55	0.006	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		(FGS bands and Qz veinlets // S1); purple/redish (Gt-Bt-rich masses and bands // S1; locally garnetite); moderately foliated; moderately banded (strong compositional layering). Mostly Gt porphyroblasts; common salty fg Fp texture.								
216.02	216.83	(UMD) UMLAMP Dyke, (LAMPD) UMD - Lamprophyre Dyke UMD-LAMP dyke; dark grey/black; vfg-fg Bt with fg-mg Cb; strongly magnetic.	D64403	216.02	216.83	0.81	0.002	AGAT_FAICP		
216.83	219.62	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz) PEG-GR is light grey (Qz); white (Fp); pale green (Fp); black (3% cg-vcg Mt); locally pink/orange (KFp); massive; magnetic (Mt); upper contact at high angle to S1 so probably a tension gash. Lower contact // S1. 15cm wide FGS-GB sleeve at upper contact between UMD and PEG.	D64404 D64405 D64407	216.83 217.83 218.83	217.83 218.83 219.62	1 1 0.79	0.002 0.0005 0.0005	AGAT_FAICP AGAT_FAICP AGAT_FAICP		
219.62	221.90	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) Logged as AMP-interm. to highlight mafic signature within the large FGS-GB sequence; similar to 214.47-216.02m but not banded. Mix of AMP levels (dark green; salty fg Fp texture; common cg Gt porphyroblasts); Gt-Bt-abundant levels // S1 (locally garnetite); obvious compositional layering; FGS-GB levels; overall 0.75% Py+Po+Mt as diss. blebs; some thin Qz veinlets // S1. Progressive lower contact toward FGS-GB with no Amp. Strongly magnetic.	D64408 D64409	219.62 220.74	220.74 221.9	1.12 1.16	0.014 0.047	AGAT_FAICP AGAT_FAICP		
221.90	225.21	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone FGS-GB similar to uphole units but no Sil. Dark grey; black (Bt); purple/pink (cg Gt; locally very abundant = garnetite); strongly magnetic; moderately foliated; local thin AMP level (6cm thick; // S1); 26cm wide UMD-LAMP dykelet at 223.87m; silicified; some Qz+Fp (migmatitic) diffuse levels. 0.75% Po as diss. blebs. Progressive upper contact from Amp-rich equivalent.	D64410 D64411 D64413 D64414	221.9 222.9 223.85 224.15	222.9 223.85 224.15 225.2	1 0.95 0.3 1.05	0.061 0.119 0.003 0.035	AGAT_FAICP AGAT_FAICP AGAT_FAICP AGAT_FAICP		
225.21	225.82	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone Strongly silicified FGS-GB (pervasive); migmatitic; Gt-rich; Bt-rich; silicification obliterates S1 fabric; magnetic; some mg-cg salty texture (white Fp). 2% Mt+Po.	D64415	225.2	225.82	0.62	0.043	AGAT_FAICP		
225.82	226.90	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz) PEG-QG is massive; cg-vcg; light grey (Qz); light green and pink (Fp); Bt; local Mt; tr. Po+Py.	D64416	225.82	226.9	1.08	0.017	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
226.90	229.14	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D64417	226.9	227.9	1	0.042	AGAT_FAICP		
			D64419	227.9	229.14	1.24	0.129	AGAT_FAICP		
FGS-GB has abundant cg Gt porphyroblasts (50%; locally garnetite); 20% Bt; weakly foliated; some tin Qz veinlet s// S1; strongly magnetic (Mt-rich); 0.25% Po.										
229.14	229.54	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D64420	229.14	229.54	0.4	0.074	AGAT_FAICP		
Similar PEG-QG vein as 225.82-226.9m; also with mg-cg Mt; // S1 (S1 is steepened against PEG vein).										
229.54	235.80	(AMP) Amphibolite, ()	D64421	229.54	230.54	1	0.072	AGAT_FAICP		
			D64422	230.54	231.54	1	0.09	AGAT_FAICP		
			D64423	231.54	232.45	0.91	0.282	AGAT_FAICP		
			D64424	232.45	233.45	1	0.015	AGAT_FAICP		
			D64425	233.45	234.45	1	0.014	AGAT_FAICP		
			D64427	234.45	235.13	0.68	0.106	AGAT_FAICP		
			D64428	235.13	235.8	0.67	0.025	AGAT_FAICP		
AMP interval with typical dark green fg AMP levels (232.45-234.75m; 235.13-235.8m) alternating with Gt-abundant levels (locally garnetite); as part of compositional layering. Dark green fg AMP are mod. foliated with common fg Fp salty texture; not magnetic. Gt-abundant levels show cg purple/redish Gt porphyroblasts in Amp-rich matrix (Amp; Po; Mt); strongly magnetic (Mt). Compositional layering S0 surface is deformed by very open folds around 230.5m (probably F2 open folds; S1 measured to calculate beta axis).										
235.80	237.38	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D64429	235.8	236.8	1	0.002	AGAT_FAICP		
			D64430	236.8	237.38	0.58	0.002	AGAT_FAICP		
PEG-QG is light grey (Qz; Fp) with white and pink Fp; some Bt-rich masses; Amp-rich sleeves (host rock of vein); tr. Mt.										
237.38	239.00	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D64431	237.38	238.38	1	0.009	AGAT_FAICP		
			D64433	238.38	239	0.62	0.002	AGAT_FAICP		
UMD-LAMP is very dark grey; strongly magnetic; vfg-fg with fg-mg Cb.										
239.00	244.15	(AMP) Amphibolite, ()	D64441	243.6	244.15	0.55	0.014	AGAT_FAICP		
			D64434	239	239.67	0.67	0.026	AGAT_FAICP		
			D64435	239.67	240.67	1	0.011	AGAT_FAICP		
			D64436	240.67	241.67	1	0.008	AGAT_FAICP		
			D64437	241.67	242.67	1	0.005	AGAT_FAICP		
			D64439	242.67	243.06	0.39	0.009	AGAT_FAICP		
			D64440	243.06	243.6	0.54	0.021	AGAT_FAICP		
Continuity of AMP interval 229.54-235.8m with alternating typical dark green fg AMP levels (salty fg Fp texture; not magnetic) with Gt-rich levels (Gt-Amp-rich with 0.5% Po+Cpy; 1-2% Mt; moderately to strongly magnetic). Gt-rich levels mostly from top to 239.67m; 243.06 to end). Few thin LAMP dykelets.										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
244.15	244.62	(UMD, AMP) UMLAMP Dike, Amphibolite, (LAMPD) UMD - Lamprophyre Dyke Small UMD-LAMP dyke with 10% AMP-GB sleeves.	D64442	244.15	244.62	0.47	0.004	AGAT_FAICP		
244.62	246.00	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone Continuity of AMP interval uphole with alternating typical dark green fg AMP levels and Gt-rich levels; here logged as FGS-GB-Amp to highlight the felsic component compared to surrounding AMP. 50% Gt (cg porphyroblasts); 20% Amp; 10% Bt; 0.5% Po+Cpy; 1-2% Mt; moderately to strongly magnetic; weakly to moderately foliated; pervasive moderate silicification with some diffuse Qz veinlets.	D64443 D64444	244.62 245.62	245.62 246	1 0.38	0.042 0.021	AGAT_FAICP AGAT_FAICP		
246.00	250.96	(AMP) Amphibolite, () Typical AMP with Gt. Dark green; fg; salty texture (fg Fp); local cg Gt porphyroblasts; moderately to locally strongly foliated; some thin beige Ser-altered haloes around late Qz veinlets. Local tight F1 fold affecting compositional layering. Some thin Qz veinlets // S1. Local thin LAMP dykelets. Local 0.5% Po (fg; // S1).	D64445 D64447 D64448 D64449 D64450	246 247 248 249 250	247 248 249 250.96	1 1 1 1 0.96	0.005 0.005 0.006 0.003 0.014	AGAT_FAICP AGAT_FAICP AGAT_FAICP AGAT_FAICP AGAT_FAICP		
250.96	251.66	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone Similar to 244.62-246m; logged as FGS-GB-Amp but part of the large AMP-GB sequence. 50% Gt (cg porphyroblasts); 20% Amp; 10% Bt; 0.75% Po+Cpy; 1-2% Mt; moderately to strongly magnetic; mod. foliated; pervasive moderate silicification with some diffuse Qz veinlets. Few thin LAMP dykelets.	D64451	250.96	251.66	0.7	0.018	AGAT_FAICP		
251.66	254.47	(AMP) Amphibolite, () Typical AMP with tr. Gt. Dark green; fg; salty texture (fg Fp); local cg Gt porphyroblasts; moderately foliated; some thin beige Ser-altered haloes around late Qz veinlets. Local tight F1 fold affecting thin QzFp veinlets (partial melts?). Some silicified levels (almost FGS-GB levels). Thin Qz veinlets // S1.	D64453 D64454 D64455	251.66 252.66 253.66	252.66 253.66 254.47	1 1 0.81	0.003 0.003 0.002	AGAT_FAICP AGAT_FAICP AGAT_FAICP		
254.47	255.21	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone Similar to 250.96-251.66m; logged as FGS-GB-Amp but part of the large AMP-GB sequence. 50% Gt (purple/pink cg porphyroblasts); 10% Amp; 30% Bt; 1% Po+Cpy; 1-2% Mt; moderately to strongly magnetic; mod. foliated; pervasive moderate silicification with some diffuse Qz veinlets.	D64456	254.47	255.21	0.74	0.032	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
255.21	260.61	(AMP) Amphibolite, ()	D64457	255.21	256.21	1	0.01	AGAT_FAICP		
		Typical AMP with common Gt porphyroblasts. Dark green; fg; 3% mg-cg purple/pink Gt porphyroblasts; weakly-moderately foliated; some thin Qz veinlets // S1; 0.25% Po+Py; weakly magnetic.	D64459	256.21	257	0.79	0.053	AGAT_FAICP		
			D64460	257	258	1	0.009	AGAT_FAICP		
			D64461	258	259	1	0.01	AGAT_FAICP		
			D64462	259	260	1	0.008	AGAT_FAICP		
			D64463	260	260.61	0.61	0.004	AGAT_FAICP		
260.61	264.54	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D64464	260.61	261.5	0.89	0.001	AGAT_FAICP		
		Massive very coarse qtz rich grey and green PEG vein. Very coarse green feldspars within a very coarse qtz rich PEG. Coarse anhedral magnetite aggregates throughout. No sulfides. Sharp upper and lower contacts. Minor coarse bio locally.	D64465	261.5	262.5	1	0.005	AGAT_FAICP		
			D64467	262.5	263.5	1	0.001	AGAT_FAICP		
			D64468	263.5	264.54	1.04	0.001	AGAT_FAICP		
264.54	264.71	(UMD) UMLAMP Dikey, (LAMPD) UMD - Lamprophyre Dyke								
		Fine grained massive dark grey weakly magnetic xenolith rich LAMP dyke with sharp upper and lower contacts and no sulfides.								
264.71	267.70	(AMP) Amphibolite, ()	D64469	264.54	265	0.46	0.004	AGAT_FAICP		
		Fine to coarse grained moderately to strongly foliated compositionally banded green AMP. Locally small bands parallel to foliation have slightly increase in Plag content. Several small qtz rich bands/veining as well. Medium to very coarse grained garnets and garnet aggregates observed unevenly throughout the unit often with weak depletion halos. Few small white qtz carb veinlets with no alteration halos. One small unit of a poorly formed PEG vein from 266.24 to 266.41m. Minor bio. Weakly magnetic. Trace to rare sulfides.	D64470	265	266	1	0.004	AGAT_FAICP		
			D64471	266	267	1	0.003	AGAT_FAICP		
			D64473	267	267.5	0.5	0.004	AGAT_FAICP		
267.70	267.90	(UMD) UMLAMP Dikey, (LAMPD) UMD - Lamprophyre Dyke	D64474	267.5	268	0.5	0.002	AGAT_FAICP		
		Fine grained massive dark grey weakly magnetic xenolith rich LAMP dyke with sharp upper and lower contacts and no sulfides.								
267.90	269.08	(AMP) Amphibolite, ()	D64475	268	269.08	1.08	0.003	AGAT_FAICP		
		Fine to coarse grained moderately to strongly foliated compositionally banded green AMP. Locally small bands parallel to foliation have slightly increase in Plag content. Several small qtz rich bands/veining as well. Medium to very coarse grained garnets and garnet aggregates observed unevenly throughout the unit often with weak depletion halos. Few small white qtz carb veinlets with no alteration halos. Minor bio. Weakly magnetic. Trace to rare sulfides.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
269.08	270.10	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D64476	269.08	270.1	1.02	0.002	AGAT_FAICP		
Banded coarse to medium qtz rich grey PEG vein. Coarse grey feldspars within a coarse qtz rich PEG. Fine to medium anhedral magnetite aggregates locally. No sulfides. Sharp banded upper and lower contacts. Minor coarse to medium bio within bands.										
270.10	278.89	(AMP) Amphibolite, ()	D64477	270.1	271	0.9	0.002	AGAT_FAICP		
Fine to coarse grained moderately to strongly foliated compositionally banded green AMP. Locally small bands parallel to foliation have slightly increase in Plag content. Several small qtz rich bands/veining as well. Medium to very coarse grained garnets and garnet aggregates observed unevenly throughout the unit often with strong depletion halos. Few small white qtz carb veinlets with no alteration halos. Minor bio. Weakly magnetic. Trace to rare sulfides.										
			D64479	271	272	1	0.002	AGAT_FAICP		
			D64480	272	273	1	0.005	AGAT_FAICP		
			D64481	273	274	1	0.015	AGAT_FAICP		
			D64482	274	275	1	0.033	AGAT_FAICP		
			D64483	275	276	1	0.014	AGAT_FAICP		
			D64484	276	277	1	0.013	AGAT_FAICP		
			D64485	277	278	1	0.038	AGAT_FAICP		
			D64487	278	278.89	0.89	0.005	AGAT_FAICP		
278.89	290.55	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D64488	278.89	280	1.11	0.004	AGAT_FAICP		
Fine to coarse grained moderately to strongly foliated moderately banded grey FGSGB. Compositional banding is observed throughout the unit as Bio Grn and Sil content varies. Small minor qtz veining parallel to foliation pervasively. Medium to coarse Grns and Grns aggregates. Fine to medium bio pervasively with coarse bio bands locally. Wispy sill gradually increases and decreases with some sections containing small sill patches. Trace to rare sulfides. Weak to moderately magnetic locally. Small 14cm Lamp dyke at 280m.										
			D64489	280	281	1	0.017	AGAT_FAICP		
			D64490	281	282	1	0.012	AGAT_FAICP		
			D64491	282	283	1	0.008	AGAT_FAICP		
			D64493	283	284	1	0.009	AGAT_FAICP		
			D64494	284	285	1	0.015	AGAT_FAICP		
			D64502	290	290.55	0.55	0.005	AGAT_FAICP		
			D64495	285	286	1	0.012	AGAT_FAICP		
			D64496	286	287	1	0.018	AGAT_FAICP		
			D64497	287	288	1	0.013	AGAT_FAICP		
			D64499	288	288.5	0.5	0.007	AGAT_FAICP		
			D64500	288.5	289	0.5	0.01	AGAT_FAICP		
			D64501	289	290	1	0.004	AGAT_FAICP		
290.55	292.30	(UMD) UMLAMP Dikey, (LAMPD) UMD - Lamprophyre Dyke	D64503	290.55	291.5	0.95	0.001	AGAT_FAICP		
Large fine to coarse banded magnetic xenolith rich LAMP dyke with internal carb veinlets parallel to contacts. Fine grained massive band void of xenoliths observed near the lower contact. No sulfides. Sharp immediate upper and lower contacts.										
			D64504	291.5	292.3	0.8	0.004	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
292.30	299.30	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D64505	292.3	293	0.7	0.004	AGAT_FAICP		
		Fine to coarse grained moderately to strongly foliated moderately banded grey FGSGB. Compositional banding is observed throughout the unit as Bio Grn and Sil content varies. Small minor qtz veining parallel to foliation pervasively. Medium to coarse Grns and Grns aggregates. Fine to medium bio pervasively with coarse bio bands locally. Wispy sill gradually increases and decreases with some sections containing small sill patches. Trace to rare sulfides. Weak to moderately magnetic locally. Small 16cm Lamp dyke at 296.2m. White altered feldspars around the upper LAMP contact. Few small qtz carb veins with weak bleached and K altered halos.	D64507	293	294	1	0.002	AGAT_FAICP		
			D64508	294	295	1	0.008	AGAT_FAICP		
			D64509	295	296	1	0.002	AGAT_FAICP		
			D64510	296	297	1	0.005	AGAT_FAICP		
			D64511	297	297.5	0.5	0.006	AGAT_FAICP		
			D64513	297.5	298	0.5	0.006	AGAT_FAICP		
			D64514	298	299	1	0.005	AGAT_FAICP		
			D64515	299	299.3	0.3	0.008	AGAT_FAICP		
299.30	299.59	(FGS) Felsic Gneiss Sedimentary, ()	D64516	299.3	299.6	0.3	0.012	AGAT_FAICP		
		Fine to medium grained moderately to strongly foliated grey FGS. Fine grained diss and aggregate Py and Po within a qtz feld and bio matrix. More Py than Po. Fine bio defines foliation. Sharp upper and lower contacts. Moderately magnetic. White altered feldspars locally.								
299.59	302.41	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D64517	299.6	300	0.4	0.005	AGAT_FAICP		
		Fine to coarse grained moderately to strongly foliated moderately banded grey FGSGB. Compositional banding is observed throughout the unit as Bio Grn and Sil content varies. Small minor qtz veining parallel to foliation pervasively. Fine diss and aggregates of Grns. Moderately to strongly magnetic. Few small qtz carb veins with weak bleached and K altered halos. Minor fine diss and aggregates of Py and Po. More Py than Po. Sharp upper and lower contacts.	D64519	300	301	1	0.002	AGAT_FAICP		
			D64520	301	302	1	0.003	AGAT_FAICP		
			D64521	302	302.41	0.41	0.004	AGAT_FAICP		
302.41	305.79	(FGS) Felsic Gneiss Sedimentary, ()	D64522	302.41	303	0.59	0.053	AGAT_FAICP		
		Fine to medium grained moderately to strongly foliated grey FGS. Fine grained diss and aggregate Py and Po within a qtz feld and bio matrix. Ratio of Py to Po varies locally from 2:1 to 1:2. Fine bio defines foliation. Sharp upper and lower contacts. Moderately magnetic. Few small melt or medium grained PEG veins parallel to foliation observed locally. Rare epidote. No garnets.	D64523	303	304	1	0.013	AGAT_FAICP		
			D64524	304	305	1	0.003	AGAT_FAICP		
			D64525	305	305.79	0.79	0.008	AGAT_FAICP		
305.79	306.97	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D64527	305.79	306.97	1.18	0.006	AGAT_FAICP		
		Fine to coarse grained moderately to strongly foliated moderately banded grey FGSGB. Compositional banding is observed throughout the unit as Bio Grn and Sil content varies. Small minor qtz veining parallel to foliation pervasively. Fine diss and aggregates of Grns. Trace sill wisps. Moderately to strongly magnetic. Few small qtz carb veins with weak								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		bleached and K altered halos. Minor fine diss and aggregates of Py and Po. More Py than Po. Sharp upper and lower contacts.								
306.97	307.34	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D64528	306.97	307.34	0.37	0.001	AGAT_FAICP		
		Dark grey fine grained compositionally banded magnetic xenolith rich LAMP with sharp immediate contacts. Middle of the dyke is massive with no xenoliths. Contacts contain more xenoliths. One Carb vein. No sulfides.								
307.34	307.90	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D64529	307.34	307.9	0.56	0.006	AGAT_FAICP		
		Fine to coarse grained moderately to strongly foliated moderately banded grey FGSGB. Compositional banding is observed throughout the unit as Bio Grn and Sil content varies. Fine diss and aggregates of Grns. Moderately to strongly magnetic. Few small qtz carb veins with weak bleached and K altered halos. Minor fine diss and aggregates of Py and Po. More Py than Po. Sharp upper and lower contacts.								
307.90	308.86	(AMP) Amphibolite, ()	D64530	307.9	308.86	0.96	0.001	AGAT_FAICP		
		Fine grained strongly to moderately foliated green nearly homogeneous AMP. Minor fine diss Po and Py. Few small qtz carb veins and veinlets with weak to moderately bleached alteration halos. Sharp upper and lower contacts. Weakly porphyritic locally. Minor biotite. Few sections of Qtz veining.								
308.86	309.18	(FGS) Felsic Gneiss Sedimentary, ()	D64531	308.86	309.18	0.32	0.0005	AGAT_FAICP		
		Medium grained moderately foliated light grey massive FGS. Trace fine diss bio. No sulfides. Non magnetic. Mainly qtz and feldspar. Short diffuse upper and lower contact.								
309.18	309.33	(AMP) Amphibolite, ()								
		Small fine grained AMP unit. Nearly homogeneous. No sulfide observed. Non magnetic. Trace bio.								
309.33	309.40	(FGS) Felsic Gneiss Sedimentary, ()								
		Medium grained moderately foliated light grey massive FGS. Trace fine diss bio. No sulfides. Non magnetic. Mainly qtz and feldspar. Short diffuse upper and lower contact.								
309.40	310.06	(AMP) Amphibolite, ()	D64533	309.18	310.06	0.88	0.0005	AGAT_FAICP		
		Fine grained strongly to moderately foliated green nearly homogeneous AMP. Minor fine diss Po and Py. Few small qtz carb veins and veinlets with weak to moderately bleached								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		alteration halos. Sharp upper and lower contacts. Weakly porphyritic locally. Minor biotite. Few sections of Qtz veining.								
310.06	310.58	(FGS) Felsic Gneiss Sedimentary, ()	D64534	310.06	310.58	0.52	0.006	AGAT_FAICP		
		Fine to medium grained moderately foliated light grey massive FGS. Minor fine diss bio. Moderately magnetic. Minor fine diss Po. Mainly qtz and feldspar. Short diffuse upper and lower contact.								
310.58	311.96	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D64535	310.58	311	0.42	0.014	AGAT_FAICP		
		Coarse grained grey and green PEG vein. Bands rich with biotite locally. No sulfides. Minor diss Magnetite. No sulfides. Sharp lower contact. Short gradual upper contact.	D64536	311	311.96	0.96	0.008	AGAT_FAICP		
311.96	312.36	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D64537	311.96	312.36	0.4	0.0005	AGAT_FAICP		
		Dark grey fine grained compositionally banded magnetic xenolith rich LAMP with sharp immediate contacts. Middle of the dyke is massive with few large xenoliths. Contacts contain more xenoliths. One Carb vein. No sulfides.								
312.36	312.88	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D64539	312.36	312.88	0.52	0.005	AGAT_FAICP		
		Coarse grained grey and green PEG vein. Bands rich with biotite locally. No sulfides. Minor diss Magnetite. No sulfides. Sharp upper contact. Short gradual lower contact.								
312.88	315.00	(FGS) Felsic Gneiss Sedimentary, ()	D64540	312.88	313.5	0.62	0.002	AGAT_FAICP		
		Fine grained strongly to moderately foliated grey FGS. Minor fine diss bio defines foliation. Few QF melt veins parallel to foliation locally. Fine diss Py and Po locally. Moderately magnetic where it becomes coarse grained. Sharp lower contact. Short diffuse upper contact.	D64541	313.5	314	0.5	0.004	AGAT_FAICP		
			D64542	314	315	1	0.005	AGAT_FAICP		
315.00	315.68	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D64543	315	315.68	0.68	0.002	AGAT_FAICP		
		Dark grey fine grained compositionally banded magnetic xenolith rich LAMP with sharp immediate contacts. Middle of the dyke is massive with no xenoliths. Contacts contain more xenoliths. Several Carb veins. No sulfides.								
315.68	315.96	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D64544	315.68	316	0.32	0.016	AGAT_FAICP		
		Fine to medium grained strongly to moderately foliated dark grey magnetic Po rich FGSGB.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Fine to medium diss bio and grns. No sil observed. Minor fine diss Po. Sharp upper and lower contacts. Moderately magnetic.								
315.96	316.58	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D64545	316	316.58	0.58	0.002	AGAT_FAICP		
		Dark grey fine grained compositionally banded magnetic xenolith rich LAMP with sharp immediate contacts. Middle of the dyke is massive with no xenoliths. Contacts contain more xenoliths. Several Carb veins. No sulfides.								
316.58	319.75	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D64547	316.58	316.9	0.32	0.005	AGAT_FAICP		
		Fine to coarse grained moderately to strongly foliated moderately banded grey FGSGB. Compositional banding is observed throughout the unit as Bio Grn and Sil content varies. Small minor qtz veining parallel to foliation pervasively. Fine diss and aggregates of Grns. Trace sill wisps. Moderately to strongly magnetic. Few small qtz carb veins with weak bleached and K altered halos. Minor fine diss and aggregates of Py and Po. More Py than Po. Sharp upper and lower contacts. One small light green altered LAMP at 318m.	D64548	316.9	317.5	0.6	0.0005	AGAT_FAICP		
			D64549	317.5	318	0.5	0.003	AGAT_FAICP		
			D64550	318	319	1	0.003	AGAT_FAICP		
			D64551	319	319.75	0.75	0.005	AGAT_FAICP		
319.75	320.60	(FGS) Felsic Gneiss Sedimentary, ()	D64553	319.75	320.6	0.85	0.004	AGAT_FAICP		
320.60	320.90	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D64554	320.6	320.9	0.3	0.0005	AGAT_FAICP		
		Fine to coarse grained moderately to strongly foliated moderately banded grey FGSGB. Compositional banding is observed throughout the unit as Bio Grn and Sil content varies. Small minor qtz veining parallel to foliation pervasively. Fine diss and aggregates of Grns. Trace sill wisps. Moderately to strongly magnetic. Few small qtz carb veins with weak bleached and K altered halos. Minor fine diss and aggregates of Py and Po. More Py than Po. Short diffuse upper and lower contacts.								
320.90	321.37	(FGS) Felsic Gneiss Sedimentary, ()	D64555	320.9	321.37	0.47	0.008	AGAT_FAICP		
		Fine to medium grained moderately foliated Po rich grey FGS. Homogeneous. Po rich with minor Py. Sharp upper and lower contacts. Few small white veinlets with weak bleached alteration halos. Minor to trace Bio. Moderately magnetic.								
321.37	321.64	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)								
		Medium to coarse grained granitic PEG vein with little to no biotite. No sulfides. Non magnetic. Sharp upper contact. Short diffuse gradual lower contact.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
321.64	321.85	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D64556	321.37	322.27	0.9	0.007	AGAT_FAICP		
Fine to medium grained moderately foliated biotite rich FGS. Minor Po and Py. Short diffuse and gradual upper and lower contacts.										
321.85	322.27	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)								
Medium to coarse grained granitic PEG vein with little to no biotite. No sulfides. Non magnetic. Diffuse gradual lower and upper contacts.										
322.27	324.06	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D64557	322.27	323	0.73	0.011	AGAT_FAICP		
			D64559	323	324.06	1.06	0.008	AGAT_FAICP		
Fine to medium grained moderately to strongly foliated weakly banded FGSGB. Grn and bio content varies slightly. Grns are fine to medium porphyroblastic and subhedral often in aggregates. Epidote observed in one small band at 323m. Fine diss Po and Py. Diffuse upper contact. Sharp lower contact. Moderate to strong magnetism.										
324.06	324.32	(PEG) Pegmatite, (PEGQZ) Quartz Pegmatite (>90% quartz)	D64560	324.06	324.38	0.32	0.004	AGAT_FAICP		
Massive grey quartz rich PEG vein. Sharp upper and lower contacts. No sulfides. Non magnetic.										
324.32	325.78	(FGS) Felsic Gneiss Sedimentary, ()	D64561	324.38	325	0.62	0.009	AGAT_FAICP		
			D64562	325	325.78	0.78	0.019	AGAT_FAICP		
Fine to medium grained moderately to strongly foliated weakly banded FGS. bio content varies slightly. Fine diss Po and Py. More Po than Py 2:1. Moderate to strong magnetism. Sharp upper and lower contacts. No grns observed. Few small QVs.										
325.78	326.80	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D64563	325.78	326.8	1.02	0.008	AGAT_FAICP		
Coarse grained granitic massive white and grey PEG vein. Large coarse bio crystals and magnetite aggregates throughout. Sharp upper and lower contacts. No sulfides. Strong magnetic where magnetite is.										
326.80	343.50	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D64564	326.8	328	1.2	0.021	AGAT_FAICP		
			D64565	328	329	1	0.006	AGAT_FAICP		
			D64567	329	330	1	0.002	AGAT_FAICP		
			D64568	330	331	1	0.013	AGAT_FAICP		
Fine to coarse grained moderately to strongly foliated weakly banded FGSGB. Grn and bio content varies slightly. Grns are fine to coarse porphyroblastic and subhedral often in aggregates. Minor Amp throughout the unit with local areas of subhedral Amp porphs. Fine										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
diss Po and Py. Sharp upper and lower contact. Moderate to strong magnetism. Few small Qvs and QF veins.			D64569	331	332	1	0.017	AGAT_FAICP		
			D64570	332	333	1	0.006	AGAT_FAICP		
			D64579	339	340	1	0.001	AGAT_FAICP		
			D64580	340	341	1	0.003	AGAT_FAICP		
			D64581	341	342	1	0.004	AGAT_FAICP		
			D64582	342	343	1	0.005	AGAT_FAICP		
			D64583	343	343.5	0.5	0.004	AGAT_FAICP		
			D64571	333	334	1	0.015	AGAT_FAICP		
			D64573	334	335	1	0.003	AGAT_FAICP		
			D64574	335	336	1	0.002	AGAT_FAICP		
			D64575	336	337	1	0.004	AGAT_FAICP		
			D64576	337	338	1	0.002	AGAT_FAICP		
			D64577	338	339	1	0.007	AGAT_FAICP		
343.50	343.82	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D64584	343.5	343.82	0.32	0.0005	AGAT_FAICP		Coarse grained massive light pink and grey PEG vein. No sulfides. No bio. Non magnetic. Sharp upper and lower contacts.
343.82	345.32	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D64585	343.82	344.5	0.68	0.016	AGAT_FAICP		Fine to medium grained moderately to strongly foliated weakly banded FGSGB. Grn and bio content varies slightly. Grns are fine to medium subhedral porphyroblasts and often in aggregates. Minor Amp throughout. Fine diss Po and Py. Sharp upper and lower contact. Weak magnetism.
			D64587	344.5	345.32	0.82	0.007	AGAT_FAICP		
345.32	347.00	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D64588	345.32	346	0.68	0.002	AGAT_FAICP		Massive coarse grained light pink and grey PEG vein. Minor coarse diss bio. No sulfides Non magnetic. Sharp upper and lower contacts. Lower contact is deformed.
			D64589	346	347	1	0.001	AGAT_FAICP		
347.00	350.05	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D64590	347	348	1	0.006	AGAT_FAICP		Fine to medium grained moderately to strongly foliated weakly banded FGSGB. Grn and bio content varies slightly. Grns are fine to medium subhedral porphyroblasts and often in aggregates. Minor Amp throughout. Fine diss Po and Py. Sharp upper and lower contact. Weak magnetism.
			D64591	348	349	1	0.017	AGAT_FAICP		
			D64593	349	350.05	1.05	0.005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
350.05	350.43	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Massive coarse grained light pink and grey PEG vein. Minor coarse diss bio. No sulfides Non magnetic. Sharo upper and lower contacts.	D64594	350.05	350.43	0.38	0.002	AGAT_FAICP		
350.43	351.10	(AMP) Amphibolite, () Fine to medium grained moderately to strongly foliated homogeneous AMP. Few very thin white veinlets with no alteration halo. No sulfides observed. Trace biotite. Sharp upper and lower contacts. Non magnetic	D64595	350.43	351.1	0.67	0.002	AGAT_FAICP		
351.10	351.78	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone Fine to medium grained moderately to strongly foliated weakly banded FGSGB. Grn and bio content varies slightly. Grns are fine to medium subhedral porphyroblasts and often in aggregates. Minor Amp throughout. Fine diss Po and Py. Sharp upper and lower contact. Weak magnetism.	D64596	351.1	351.78	0.68	0.002	AGAT_FAICP		
351.78	352.34	(AMP) Amphibolite, () Fine to medium grained moderately to strongly foliated homogeneous AMP. Few very thin white veinlets with no alteration halo. No sulfides observed. Trace biotite. Sharp upper and lower contacts. Upper contact is banded. Non magnetic.	D64597	351.78	352.3	0.52	0.002	AGAT_FAICP		
352.34	352.55	(UMD) UMLAMP Dyke, (LAMPD) UMD - Lamprophyre Dyke Fine grained altered light green irregular LAMP dyke. Strong bleached and K alteration halo. Non magnetic.	D64599	352.3	352.65	0.35	0.002	AGAT_FAICP		
352.55	353.15	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone Fine to medium grained moderately to strongly foliated weakly banded FGSGB. Grn and bio content varies slightly. Grns are fine to medium subhedral porphyroblasts and often in aggregates. Minor Amp throughout. Fine diss Po and Py. Sharp lower contact and irregular altered upper contact. Weak magnetism.	D64600	352.65	353.15	0.5	0.003	AGAT_FAICP		
353.15	354.17	(UMD) UMLAMP Dyke, (LAMPD) UMD - Lamprophyre Dyke Dark grey fine grained compositionally banded magnetic xenolith rich LAMP with sharp immediate contacts. Middle of the dyke is massive with no xenoliths. Contacts contain more xenoliths. Many small carb veinlets. No sulfides.	D64601	353.15	354.17	1.02	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments	
354.17	357.00	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D64602	354.17	355	0.83	0.003	AGAT_FAICP			
			D64603	355	356	1	0.001	AGAT_FAICP			
			D64604	356	357	1	0.001	AGAT_FAICP		EOH = 357.00m	
		Fine to medium grained moderately to strongly foliated weakly banded FGSGB. Grn and bio content varies slightly. Grns are fine to medium subhedral porphyroblasts and often in aggregates. Minor Amp throughout. Fine diss Po and Py. Sharp upper. Weak magnetism. EOH=357.00m									

Hole ID : RD19-00015

Project : Borden

Drilling Details :

Azimuth : 152.7
 Dip : -45.7
 Length : 351
 Drill Start : 13-Jul-2019
 Drill Completed : 18-Jul-2019
 Core Size : NQ
 Drill Company : Major
 Oriented Core : No

Location Details :

Easting : 345778
 Northing : 5304551
 Elevation : 449
 UTM Grid : NAD83_UTMZ17N_GPS
 Township : Gamey
 Storage Location : Chapleau Ont

Logging Details :

Logged By : Daniel.Rafuse
 Logged By 2 : Alex.Jibb
 Log Start : 19-Jul-2019
 Log Completed : 2-Aug-2019
 Re-Logged By :
 Re-Log Start :
 Re-Log Completed :

Comments :

hexagonal stabilization; multishot to EOH and full core orientation; relatively unmineralized other than patches of variable silicification; abundant pegmatitic fluid kickup as well as alternating intermediate amphibolite and FGS units; two lenses of serpentinized and chloritized ultramafics; Dan logged from 0 to 235.85 m depth; Alex logged from 235.85 to 248.49 m depth; Colt logged from 248.49 to 351 m depth; casing capped and one van ruth plug left in hole

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	2.53	(OB) Overburden, () Several sub angular clasts of k-spar rich pegmatite.								
2.53	5.10	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz) K-spar rich pegmatite is fine to medium grained with short sections of FGS cotained throughout. Strong potassic alteration present via dissemination. Moderate sericitic alteration also observable via stringers at low angle to core axis. Sulphide content is low with pyrite as the dominant species. Trace muscovite throughout unit.	C64135	2.53	4	1.47	0.004	AGAT_FAICP		Start Sampling RD19-00015
			C64136	4	5.1	1.1	0.0005	AGAT_FAICP		
5.10	5.47	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Short lamprophyre is fine grained with upper chill margin observable. A few carbonate xenoliths and fine grained amygdules.	C64137	5.1	5.47	0.37	0.0005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
5.47	8.30	(PEG) Pegmatite, () Fine to medium grained pegmatite with trace muscovite. Feldspar content is dominated by k-spar. Strong potassic alteration via dissemination. Weak to moderate sericitic alteration via stringers at shallow angles to core axis. Weak sulphide content throughout with pyrite as the main constituent.	C64139	5.47	6.85	1.38	0.0005	AGAT_FAICP		
			C64140	6.85	8.3	1.45	0.001	AGAT_FAICP		
8.30	9.30	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Lamprophyre contains fine to medium grained xenoliths of country rock and carbonate material and amygdules containing carbonate material throughout unit.	C64141	8.3	9.3	1	0.001	AGAT_FAICP		
9.30	9.90	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz) Short pegmatite. Qtz 45% K-Spar 45% Bio 6%. Very low sulphide content. Stringers of ultra mafic material are numerous throughout unit due to proximal lamprophyres.	C64142	9.3	9.9	0.6	0.0005	AGAT_FAICP		
9.90	11.50	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Lamprophyre contains fine to medium grained xenoliths of pegmatite and carbonate material. Amygdules and sporadic veinlets contain carbonate material	C64143	9.9	10.7	0.8	0.001	AGAT_FAICP		
			C64144	10.7	11.5	0.8	0.004	AGAT_FAICP		
11.50	16.90	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz) Fine to medium grained pegmatite Qtz 55% / K-Spar/Plag 35% / Bio 6%. Low sulphide content with pyrite as the main constituent. Fine to massive magnetite specimens found throughout. Minor muscovite. Occasional amphibole observable. Moderate chloritic alteration via shallow angled veinlets to core axis due to proximal UMD at upper contact.	C64145	11.5	12.74	1.24	0.002	AGAT_FAICP		
			C64147	12.74	14.1	1.36	0.0005	AGAT_FAICP		
			C64148	14.1	15.44	1.34	0.005	AGAT_FAICP		
			C64149	15.44	16.9	1.46	0.003	AGAT_FAICP		
16.90	19.00	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone FGSGB contains high biotite and garnet content as well as an increase in sulphide content and quartz flooding. Sulphide content overall is moderate with both pyrite and pyrrhotite present with pyrite being the dominant variety Py 65% /Po 35%. Weak to moderate sericitic and chloritic alteration via dissemination and veinlets. Amphibole and Cpx content is high throughout unit as well concentrating in areas of abundant biotite.	C64150	16.9	17.57	0.67	0.006	AGAT_FAICP		
			C64151	17.57	18.3	0.73	0.01	AGAT_FAICP		
			C64153	18.3	19.08	0.78	0.001	AGAT_FAICP		
19.00	19.50	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) Felsic background with numerous fine to medium grained amphiboles exhibiting good lineation. Unit contains moderate foliation fabric. Occasional garnet present. Very low sulphide content throughout with both pyrite and pyrrhotite present in similar quantity. Weak	C64154	19.08	19.5	0.42	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments	
		chloritic alteration via sporadic veinlets.									
19.50	30.65	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	C64155	19.5	20.86	1.36	0.002	AGAT_FAICP			
		Unit is actually a GBFG but the jury is out if we call GBFGs outside of the ore zone as FGSGB/GBFG. Biotite content is high throughout. Weak to moderate quartz veining/flooding in patches with an increase in sulphide content. Overall sulphide content is moderate with both pyrite and pyrrhotite present in similar quantities. Garnet content is high with specimens ranging from 0.2 mm's to massive aggregates up to 4.0 cm's. Moderate to strong sericitic alteration via stringers and dissemination through with a concentration at 28.83-29.07 m's. Sillimanite is patchy with local concentrations. Several lamprophyres contained throughout ranging from a few cm's to 35 cm's. Lamprophyre A 24.15-24.52 m's with an upper and lower contact of a 57 b350 / a 58 b 337. Lamprophyre B 28.59-28.79 m's with an upper and lower contact of a 41 b 332 / a43 b 338. Lamprophyre C is contained from 29.17 - 29.21 m's with an upper contact of a 63 b 16.	C64156	20.86	22.36	1.5	0.006	AGAT_FAICP			
			C64157	22.36	23.356	1	0.005	AGAT_FAICP			
			C64159	23.356	24	0.64	0.009	AGAT_FAICP			
			C64160	24	25.5	1.5	0.004	AGAT_FAICP			
			C64161	25.5	25.8	0.3	0.0005	AGAT_FAICP			
			C64162	25.8	26.8	1	0.004	AGAT_FAICP			
			C64163	26.8	27.38	0.58	0.001	AGAT_FAICP			
			C64164	27.38	28.25	0.87	0.003	AGAT_FAICP			
			C64165	28.25	29.18	0.93	0.003	AGAT_FAICP			
		C64167	29.18	30.65	1.47	0.003	AGAT_FAICP				
30.65	31.12	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	C64168	30.65	31.12	0.47	0.002	AGAT_FAICP		Lamprophyre contains fine to medium sized carbonate amygdules. Upper and lower chill zones observable	
31.12	43.95	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	C64169	31.12	32.48	1.36	0.002	AGAT_FAICP			
		Unit is actually a GBFG but the jury is out if we call GBFGs outside of the ore zone as FGSGB/GBFG. Biotite content is high throughout. Moderate quartz veining/flooding in patches with an increase in sulphide content. Overall sulphide content is moderate with both pyrite and pyrrhotite present Po 65% / Py 35%. Garnet content is very high with specimens ranging from 0.2 mm's to massive aggregates up to 4.0 cm's. Moderate sericitic alteration via stringers and dissemination. A couple lamprophyres are contained throughout. Lamprophyre A 32.91-33.06 m's with an upper and lower contact of a 37 b47. Lamprophyre B 33.27-33.38 m's with an upper and lower contact of a 40 b 350 / a38 b 354.	C64170	32.48	33.88	1.4	0.003	AGAT_FAICP			
			C64171	33.88	35.25	1.37	0.004	AGAT_FAICP			
			C64173	35.25	36.48	1.23	0.003	AGAT_FAICP			
			C64174	36.48	37.5	1.02	0.001	AGAT_FAICP			
			C64175	37.5	38.48	0.98	0.002	AGAT_FAICP			
			C64176	38.48	39.3	0.82	0.0005	AGAT_FAICP			
			C64177	39.3	40.7	1.4	0.001	AGAT_FAICP			
			C64179	40.7	41.1	0.4	0.01	AGAT_FAICP			
			C64180	41.1	41.92	0.82	0.04	AGAT_FAICP			
			C64181	41.92	43	1.08	0.011	AGAT_FAICP			
			C64182	43	43.95	0.95	0.004	AGAT_FAICP			
43.95	45.00		(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	C64183	43.95	45	1.05	0.002	AGAT_FAICP		FGSGB contains far less garnets and of smaller size than previous unit. Plag produces a

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		salty texture. Increase in amphibole content. Sulphide content is low with both pyrite and pyrrhotite present								
45.00	46.15	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	C64184	45	46.1	1.1	0.0005	AGAT_FAICP		Lamprophyre contains fine grained amygdules containing carbonate material. Short amphibolite contained from 45.48-45.73 with upper and lower alphas of 46/40
46.15	46.40	(AMP) Amphibolite, ()	C64185	46.1	46.4	0.3	0.003	AGAT_FAICP		Amphibolite contains fine grained garnet throughout. Unit exhibits moderate to strong foliation fabric. Low sulphide content. Moderate felsic background
46.40	47.65	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	C64187	46.4	47.03	0.63	0.002	AGAT_FAICP		FGSGB contains numerous fine to medium grained garnets. Salty texture due to fine grained plagioclase. Moderate amphibole background. Moderately low sulphide content with both pyrite and pyrrhotite present in similar quantity. Minor quartz flooding but no increase in sulphide content.
			C64188	47.03	47.65	0.62	0.001	AGAT_FAICP		
47.65	51.75	(AMP) Amphibolite, ()	C64189	47.65	49.15	1.5	0.003	AGAT_FAICP		Amphibolite contains a moderate felsic background. Moderately magnetitic with fine to medium grained magnetite throughout. Weak sulphide content with both pyrite and pyrrhotite. Minor quartz veining/flooding with no increase in sulphides. Moderate chloritic/sericitic alteration via sporadic stringers and a few halos up to 5 cms. Unit contains moderate foliation fabric throughout.
			C64190	49.15	50.57	1.42	0.001	AGAT_FAICP		
			C64191	50.57	51.75	1.18	0.003	AGAT_FAICP		
51.75	61.80	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	C64193	51.75	53.18	1.43	0.003	AGAT_FAICP		Pegmatite is strongly magnetitic with massive magnetite throughout with a strong concentration at 60ms. Minor amphibole content with medium sized specimens locally concentrated near quartz flooding/veining. Strong disseminated potassic alteration. Moderate sericitic alteration via stringers and halos. Strong K-spar. Weak sulphide content
			C64194	53.18	54.63	1.45	0.0005	AGAT_FAICP		
			C64195	54.63	56.08	1.45	0.0005	AGAT_FAICP		
			C64196	56.08	57.56	1.48	0.024	AGAT_FAICP		
			C64197	57.56	59.04	1.48	0.006	AGAT_FAICP		
			C64199	59.04	59.63	0.59	0.0005	AGAT_FAICP		
			C64200	59.63	60.82	1.19	0.0005	AGAT_FAICP		
			C64201	60.82	61.8	0.98	0.002	AGAT_FAICP		
61.80	64.65	(FGS) Felsic Gneiss Sedimentary, ()	C64202	61.8	63.17	1.37	0.019	AGAT_FAICP		FGS contains a weak to moderate conglomeratic appearance due to quartz flooding/veining

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		along foliation planes mimicking strained conglomerates. Weakly moderate sulphide content with both pyrite and pyrrhotite present Po 60/ Py 40. Weak to moderate sericitic and chloritic alteration via dissemination and halos. Moderate strain intensity. Short pegmatite contained from 63.96-64.24 with an upper contact of a60/b277.	C64203	63.17	63.96	0.79	0.012	AGAT_FAICP		
			C64204	63.96	64.65	0.69	0.005	AGAT_FAICP		
64.65	65.15	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	C64205	64.65	65.15	0.5	0.003	AGAT_FAICP		
		Qtz 45%. K-Spar 35% Bio 3%. Barren pegmatite. Salmon coloured k-spar. Partially melted due to toothpaste appearance k-spar.								
65.15	66.17	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	C64207	65.15	66.17	1.02	0.006	AGAT_FAICP		
		FGS contains moderately low sulphide content with both pyrite and pyrrhotite present Po 60 / Py 40%. Occasional fine grained garnet. Moderate quartz veining and flooding but no sharp increase in sulphide content. Weak chloritic alteration via dissemination and halos. Foliation fabric is moderate.								
66.17	66.76	(PEG) Pegmatite, ()	C64208	66.17	66.76	0.59	0.004	AGAT_FAICP		
		Pegmatite contains two stages of felsic intrusion. The upper and lower contacts of the unit are quartz dominated containing moderate chloritic alteration via dissemination. The mid portion of the unit holds a granitic pegmatite that is dominated by k-spar and lacks significant chloritic alteration. Sulphide presence is weak throughout unit.								
66.76	79.10	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	C64209	66.76	67.48	0.72	0.004	AGAT_FAICP		
		FGSGB would be typically logged as a GBFG but is overall reduced in biotite content compared to similar units in the Borden deposit. Garnet content is low with specimens being very fine grained. Sulphide content is high with both pyrite and pyrrhotite present as well as potential pentlandite/marcasite. Po 65% / Py 35%. Pyrite appears to be replacing pyrrhotite. Minor very fine grained muscovite observable. Patches of high concentrations of sillimanite observable. Weak chloritic alteration via dissemination found throughout unit. Interval contains numerous quartz veins of different lengths with moderate to high sulphide content as well as quartz flooding also exhibiting an increase in sulphides. Numerous fold signatures present See point structures. Trace riebeckite.	C64210	67.48	68	0.52	0.018	AGAT_FAICP		
			C64211	68	68.57	0.57	0.021	AGAT_FAICP		
			C64213	68.57	69.14	0.57	0.016	AGAT_FAICP		
			C64214	69.14	69.7	0.56	0.082	AGAT_FAICP		
			C64215	69.7	70.23	0.53	0.009	AGAT_FAICP		
			C64223	74.62	75.84	1.22	0.01	AGAT_FAICP		
			C64224	75.84	76.4	0.56	0.032	AGAT_FAICP		
			C64225	76.4	76.79	0.39	0.049	AGAT_FAICP		
			C64227	76.79	77.18	0.39	0.01	AGAT_FAICP		
			C64228	77.18	78.48	1.3	0.011	AGAT_FAICP		
			C64229	78.48	79.1	0.62	0.009	AGAT_FAICP		
		C64216	70.23	70.8	0.57	0.032	AGAT_FAICP			
		C64217	70.8	71.46	0.66	0.01	AGAT_FAICP			
		C64219	71.46	72.16	0.7	0.009	AGAT_FAICP			

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C64220	72.16	72.68	0.52	0.015	AGAT_FAICP		
			C64221	72.68	73.4	0.72	0.012	AGAT_FAICP		
			C64222	73.4	74.62	1.22	0.086	AGAT_FAICP		
79.10	79.60	(QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated	C64230	79.1	79.6	0.5	0.035	AGAT_FAICP		Quartz vein contains grey glassy quartz with moderate sulphide content. Pyrrhotite and pyrite both present Po 60 / Py 40%. Weak chloritic alteration via dissemination. Large aggregates of biotite often containing pyrite/pyrrhotite. Possible pentlandite present. Moderate folding.
79.60	84.20	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	C64231	79.6	79.9	0.3	0.048	AGAT_FAICP		FGSGB would be typically logged as a GBFG but is overall reduced in biotite content compared to similar units in the Borden deposit. Garnet content is low with specimens being very fine grained. Sulphide content is moderate to high with both pyrite and pyrrhotite present as well as potential pentlandite/marcasite. Po 65% / Py 35%. Pyrite appears to be replacing pyrrhotite. Minor very fine grained muscovite observable. Patches of high concentrations of sillimanite observable. Weak chloritic alteration via dissemination found throughout unit. Interval contains a few quartz veins of weak to moderate sulphide content as well as quartz flooding also exhibiting an increase in sulphides. Numerous fold signatures present See point structures. Trace riebeckite. Short pegmatite contained in the last 25 cms of unit.
			C64233	79.9	80.86	0.96	0.036	AGAT_FAICP		
			C64234	80.86	81.8	0.94	0.014	AGAT_FAICP		
			C64235	81.8	83.2	1.4	0.006	AGAT_FAICP		
			C64236	83.2	84.2	1	0.12	AGAT_FAICP		
84.20	84.60	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	C64237	84.2	84.6	0.4	0.007	AGAT_FAICP		Lamprophyre contains fine grained amygdules containing carbonate material.
84.60	85.50	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	C64239	84.6	85.5	0.9	0.016	AGAT_FAICP		FGSGB contains moderately high sulphide content with both pyrite and pyrrhotite present with potential pentlandite Po 65 / Py 35%. Moderate foliation fabric and moderate to strong strain intensity. Thin tension veins run parallel to core axis carrying moderate sulphide content. Weak to moderate chloritic alteration via dissemination / halos. Moderate quartz flooding/veining. Patches of high sillimanite content found throughout. Obesrvable riebeckite presence. Very fine grained garnets.
85.50	86.50	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	C64240	85.5	86.5	1	0.012	AGAT_FAICP		FGSGB is heavily altered to a beige colour as well as containing a few small examples of salmon coloured k-spar similar to FGG. Sillimanite content is moderate to strong throughout and is patchy. Sulphide content is moderately weak with pyrite as the main constiuent. Minor muscovite

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
86.50	89.30	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	C64241	86.5	87.54	1.04	0.01	AGAT_FAICP		
			C64242	87.54	88.26	0.72	0.012	AGAT_FAICP		
			C64243	88.26	89.3	1.04	0.023	AGAT_FAICP		
		FGS contains numerous very fine grained garnets throughout. Moderate to strong sillimanite presence often found in aggregates/patches. Both pyrrhotite and pyrite present in similar quantity Po 60 / Py 40%. Sulphides are blebby fine grained and often found in random aggregates while smaller specimens trend with foliation fabric. Sulphide content overall is moderately high. Weak to moderate quartz flooding and veining. Minor muscovite present. Moderate sericitic and chloritic alteration via dissemination/halos. Minor background amphibole content.								
89.30	89.70	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	C64244	89.3	89.7	0.4	0.014	AGAT_FAICP		
		Qtz 60% Plag 25% Bio 8%. Quartz rich pegmatite with green plagioclase species. Weak sulphide content with both pyrrhotite and pyrite present in similar quantities. Weak sericitic/chloritic alteration via dissemination.								
89.70	99.55	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	C64245	89.7	90.44	0.74	0.032	AGAT_FAICP		
			C64247	90.44	91.47	1.03	0.017	AGAT_FAICP		
			C64248	91.47	92.65	1.18	0.044	AGAT_FAICP		
			C64249	92.65	93.54	0.89	0.017	AGAT_FAICP		
			C64250	93.54	94.15	0.61	0.007	AGAT_FAICP		
			C64251	94.15	94.7	0.55	0.01	AGAT_FAICP		
			C64253	94.7	95.8	1.1	0.006	AGAT_FAICP		
			C64254	95.8	97.15	1.35	0.006	AGAT_FAICP		
			C64255	97.15	97.75	0.6	0.002	AGAT_FAICP		
			C64256	97.75	98.68	0.93	0.006	AGAT_FAICP		
			C64257	98.68	99.55	0.87	0.018	AGAT_FAICP		
		FGS contains numerous very fine grained garnets throughout. Strong sillimanite presence often found in aggregates/patches with 93.50-94.10m's containing the strongest concentration along with clotty textures seen in FGG in the Borden deposit. Both pyrrhotite and pyrite present in similar quantity Po 60 / Py 40%. Sulphides are blebby fine grained and often found in random aggregates while smaller specimens trend with foliation fabric. Sulphide content overall is moderately high. Weak to moderate quartz flooding and veining. Minor muscovite present. Moderate sericitic and chloritic alteration via dissemination/halos. Minor background amphibole content. Moderate to strong folding structures i.e. F1/F2/Converging Foliations. Small QV2 at 94.86-95.00 with weak sulphide content. See veining tab. Minor epidote presence found in large fine grained patches.								
99.55	100.46	(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc	C64259	99.55	100.46	0.91	0.005	AGAT_FAICP		
		Dark grey translucent vein with moderate sulphide content. Pyrrhotite and pyrite present in similar quantities Po 60 / Py 40%. Sulphides have a wispy/web texture within high siliceous areas. QV1 is bounded at upper and lower contact by a fine-medium grained pegmatite which also contains the same sulphide signature. Weak muscovite throughout unit with larger exmaples reaching 1.0 cm's. Very fine grained garnets are present throughout but content is trace. Weak to moderate chloritic alteration via dissemination. Minor background amphibole content present throughout unit with slightly larger specimens within higher siliceous sections.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
100.46	108.22	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	C64260	100.46	101.05	0.59	0.749	AGAT_FAICP		
		Very fine grained garnets throughout. Sulphide content is moderately low with both pyrite and pyrrhotite present Po 65/ Py 35%. Sulphides are disseminated in addition to occasional large aggregates. Two short undifferentiated QVs exhibiting moderate pegmatitic texture are present containing moderate sulphide content (see veining tab). Sillimanite content has significantly reduced from previous FGSGB unit. Moderate epidote presence observable as large fine grained patches. Weak to moderate sericitic/chloritic alteration via dissemination/halos/stringers/bands.	C64261	101.05	101.67	0.62	0.006	AGAT_FAICP		
			C64262	101.67	103.05	1.38	0.007	AGAT_FAICP		
			C64263	103.05	104.1	1.05	0.006	AGAT_FAICP		
			C64264	104.1	104.67	0.57	0.009	AGAT_FAICP		
			C64265	104.67	105.28	0.61	0.011	AGAT_FAICP		
			C64267	105.28	106.13	0.85	0.014	AGAT_FAICP		
			C64268	106.13	106.77	0.64	0.003	AGAT_FAICP		
			C64269	106.77	107.65	0.88	0.019	AGAT_FAICP		
			C64270	107.65	108.22	0.57	0.005	AGAT_FAICP		
108.22	112.05	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	C64271	108.22	109.1	0.88	0.004	AGAT_FAICP		
		Unit has a sharp boundary with previous FGSGB with a sharp increase in sillimanite/sulphides/chloritic alteration/quartz flooding/folding. Sillimanite content is high throughout with higher concentrations present in aggregates. Sulphide content is moderately high with both pyrite and pyrrhotite present Po 60/ Py 40%. Moderate chloritic alteration via dissemination throughout. Moderate to strong sericitic alteration via dissemination also present. Thin pegmatitic veins occasional but are barren. Numerous F1 folds	C64273	109.1	110.1	1	0.0005	AGAT_FAICP		
			C64274	110.1	111.25	1.15	0.005	AGAT_FAICP		
			C64275	111.25	112.05	0.8	0.005	AGAT_FAICP		
112.05	113.11	(QV) Quartz Vein, (QZVT2) Massive quartz vein	C64276	112.05	113.11	1.06	0.001	AGAT_FAICP		
		White/Bull quartz vein contains moderate sulphide content with both pyrite and pyrrhotite present Py 70 / Po 30. Unit has a pegmatitic appearance due to large xenoliths of a previous PEG material mainly concentrated in the lower half. UMD-lamp veinlets and material present in lower 50 cm's of unit where the majority of sulphide concentration is also located. Very fine grained background amphibole content observable in lower 50 cms. Feldspars are mainly green plagioclase								
113.11	113.61	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	C64277	113.11	113.61	0.5	0.0005	AGAT_FAICP		
		FGSGB is highly altered with strong/intense sericitic alteration via dissemination. Feldspars are highly orange similar to the deposit. Moderate sillimanite content. Sulphide content is low with pyrite as the main constituent. Foliation converges in the middle of the section due to moderate folding.								
113.61	114.59	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	C64279	113.61	114.59	0.98	0.003	AGAT_FAICP		
		Moderately low sulphide content with both pyrite and pyrrhotite present Po 60 / Py 40%. Very fine garnets throughout. Moderate quartz veining/flooding with no sharp increase of								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		<p>sulphides. Trace riebeckite presence. Moderately foliated. Weak to moderate sericitic alteration via halos/veinlets at high angle to core axis</p>								
114.59	115.70	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	C64280	114.59	115.7	1.11	0.004	AGAT_FAICP		
		<p>FGSGB is highly altered with strong/intense sericitic alteration via dissemination. Feldspars are lightly orange similar to the deposit. Moderate sillimanite content. Sulphide content is low with pyrite as the main constituent. Foliation converges in the middle of the section due to moderate folding. Short 25cm unaltered section of FGSGB contained within unit</p>								
115.70	118.13	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	C64281	115.7	117	1.3	0.007	AGAT_FAICP		
		<p>Moderately strong sulphide content with both pyrite and pyrrhotite present Po 60 / Py 40%. Very fine garnets throughout. Moderate quartz veining/flooding with no sharp increase of sulphides. Trace riebeckite presence. Moderately foliated. Weak to moderate sericitic alteration via halos/veinlets at high angle to core axis. Short quartz vein located at 116.82-116.93 cms containing grey glassy quartz but weak sulphide content.</p>	C64282	117	118.13	1.13	0.005	AGAT_FAICP		
118.13	119.24	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	C64283	118.13	119.24	1.11	0.008	AGAT_FAICP		
		<p>FGSGB is highly altered with strong/intense sericitic alteration via dissemination. Feldspars are lightly orange similar to the deposit. Moderate sillimanite content. Sulphide content is low with pyrite as the main constituent. Riebeckite presence observable. Sharp increase in sulphide content in the last 15 cms of unit in addition to a F1 fold.</p>								
119.24	120.05	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	C64284	119.24	120.05	0.81	0.025	AGAT_FAICP		
		<p>Moderately high sulphide content with both pyrite and pyrrhotite present Py 65/ P0 35%. Very fine garnets throughout. Moderate quartz veining/flooding. Trace riebeckite presence. Moderately foliated. Weak to moderate sericitic/chloritic alteration via halos/dissemination</p>								
120.05	120.40	(UMD) UMLAMP DiKe, (LAMPD) UMD - Lamprophyre Dyke	C64285	120.05	120.4	0.35	0.003	AGAT_FAICP		
		<p>Lamprophyric dyke contains fine to medium size amygdules containing carbonate material as well as xenoliths of country rock and carbonate</p>								
120.40	123.80	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	C64287	120.4	121.2	0.8	0.009	AGAT_FAICP		
		<p>Moderately low sulphide content with both pyrite and pyrrhotite present Po 60 / Py 40%. Very fine garnets throughout. Moderate quartz veining/flooding in top 40 cms of unit. Trace riebeckite presence. Moderately foliated. Weak to moderate sericitic/chloritic alteration via</p>	C64288	121.2	122.1	0.9	0.012	AGAT_FAICP		
			C64289	122.1	123.05	0.95	0.005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		halos/dissemination. Salty texture at lower contact with UMD due to fine grained plagioclase. Thin barren pegmatitic veins crosscut the unit at high angle to core axis throughout. Background amphibole content is moderate	C64290	123.05	123.8	0.75	0.005	AGAT_FAICP		
123.80	124.62	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke UMD-Lamp with fine grained carbonate amygdules.	C64291	123.8	124.62	0.82	0.004	AGAT_FAICP		
124.62	125.70	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone Fine to medium grained garnets. Weak to moderate sericitic alteration via halos and veinlets at moderate angle to core axis. Sulphide content is low with pyrrhotite as the main species. Trace sillimanite. Thin barren pegmatitic veins. Moderate background amphibole content.	C64293	124.62	125.7	1.08	0.003	AGAT_FAICP		
125.70	126.04	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz) Qtz 65% K-spar 25% Bio 6%. Barren pegmatite. Slivers of FGSGB found throughout unit.	C64294	125.7	126.04	0.34	0.003	AGAT_FAICP		
126.04	132.13	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone Fine to medium grained garnets. Weak to moderate sericitic alteration via halos and veinlets at moderate angle to core axis. Sulphide content is low with pyrrhotite as the main species. Trace sillimanite. Thin barren pegmatitic veins. Moderate background amphibole content.	C64295	126.04	127.48	1.44	0.002	AGAT_FAICP		
			C64296	127.48	128.74	1.26	0.003	AGAT_FAICP		
			C64297	128.74	130	1.26	0.003	AGAT_FAICP		
			C64299	130	131.39	1.39	0.006	AGAT_FAICP		
			C64300	131.39	132.13	0.74	0.004	AGAT_FAICP		
132.13	132.58	(UMD) UMLAMP Dike, () Lamprophyre contains fine to medium grained carbonate amygdules	C64301	132.13	132.58	0.45	0.003	AGAT_FAICP		
132.58	137.42	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) Amphibolite is intermediate due to highly variable amphibole content ranging from 6-35% and it's strong similarity to FGSGB. Fine to medium sized garents throughout. Low sulphide content with pyrrhotite as the main constituent. Moderate to strong sericitic alteration via high angled veinlets. Minor cpx content.	C64302	132.58	133.95	1.37	0.003	AGAT_FAICP		
			C64303	133.95	135.36	1.41	0.004	AGAT_FAICP		
			C64304	135.36	136.8	1.44	0.005	AGAT_FAICP		
			C64305	136.8	137.42	0.62	0.006	AGAT_FAICP		
137.42	141.80	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	C64307	137.42	138.81	1.39	0.005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		FGS contains moderate background amphibole content with cm sized aggregates throughout. Weak sulphide content. Weak to moderate chloritic/sericitic alteration via dissemination and stringers. A short lamprophyre is contained from 138.70-138.74cm with an upper contact of a47/b347. Two short pegmatites also present. Peg1 139.82-140.00ms with an upper contact of a64/b320. Peg 2 represents the last 15cms of unit but has a poor upper contact. Fine to medium sized garnets	C64308	138.81	140.27	1.46	0.007	AGAT_FAICP		
			C64309	140.27	141.62	1.35	0.007	AGAT_FAICP		
141.80	145.75	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	C64310	141.62	142.9	1.28	0.007	AGAT_FAICP		
		Amphibolite contains a highly variable amphibole content. Weak to moderate sericitic alteration via high angled veinlets and halos. Sulphide content is low with both pyrite and pyrrhotite present in similar quantity. Fine to medium garnets throughout. Occasional magnetite specimen	C64311	142.9	144.3	1.4	0.004	AGAT_FAICP		
			C64313	144.3	145.75	1.45	0.003	AGAT_FAICP		
145.75	147.00	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	C64314	145.75	147	1.25	0.002	AGAT_FAICP		
		Qtz 45% K-Spar 45% Bio 6%. Weak sulphide content.								
147.00	149.20	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	C64315	147	148.4	1.4	0.01	AGAT_FAICP		
		Unit starts with a short quartz rich pegmatite. Variable background amphibole content. Short undifferentiated glassy grey quartz vein contained from 148.55-148.78ms. Quartz vein has an increase in sulphide content with both pyrite and pyrrhotite present Po 60 / Py 40%. Moderate to strong sericitic alteration via halos.	C64316	148.4	149.2	0.8	0.01	AGAT_FAICP		
149.20	151.78	(AMP) Amphibolite, ()	C64317	149.2	150.58	1.38	0.005	AGAT_FAICP		
		Variable amphibole content. Low sulphide content Po 70 / Py 30%. Minor cpx content. Moderate to strong sericitic alteration via sporadic veinlets. Fine to medium sized garnets throughout. Thin pegmatitic veins crosscut the unit but are barren	C64319	150.58	151.78	1.2	0.008	AGAT_FAICP		
151.78	152.30	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	C64320	151.78	152.3	0.52	0.005	AGAT_FAICP		
		Qtz 55% K-spar 35% Bio 6%. Moderate sericitic alteration via pervasive flooding. Minor muscovite								
152.30	156.54	(AMP) Amphibolite, ()	C64321	152.3	153.7	1.4	0.004	AGAT_FAICP		
		Fine to medium grained garnets throughout unit. Moderate to strong foliation fabric. Weak quartz veining/flooding along foliation planes. Weak sulphide content with pyrrhotite as the dominant species Po 75/ Py 25%. Weak to moderate sericitic/chloritic alteration via moderate angle to core axis veinlets.	C64322	153.7	154.85	1.15	0.003	AGAT_FAICP		
			C64323	154.85	155.79	0.94	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C64324	155.79	156.54	0.75	0.004	AGAT_FAICP		
156.54	156.84	(QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated	C64325	156.54	156.84	0.3	0.012	AGAT_FAICP		MAM like texture. QV contains white sections as well as glassy ones. Sulphide content is moderately low with both pyrite and pyrrhotite present in similar quantities. Large aggregates of amphibole and cpx. Medium grained garnets.
156.84	160.52	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	C64327	156.84	157.35	0.51	0.007	AGAT_FAICP		Amphibolite contains a highly variable amphibole content throughout. Sulphide content is weak with pyrrhotite as the dominant species Po 65/ Py 35%. Thin pegmatitic veins with one large one from 158.12-158.38 with massive magnetite (see veining tab). Weak to moderate quartz veining/flooding along foliation planes. Weak to moderate sericitic alteration via stringers.
			C64328	157.35	158.38	1.03	0.017	AGAT_FAICP		
			C64329	158.38	159.72	1.34	0.011	AGAT_FAICP		
			C64330	159.72	160.52	0.8	0.005	AGAT_FAICP		
160.52	160.84	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	C64331	160.52	160.84	0.32	0.002	AGAT_FAICP		Lamprophyre contains fine grained carbonate amygdules. Upper and lower chill margins present.
160.84	166.36	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	C64333	160.84	162.27	1.43	0.003	AGAT_FAICP		Variable amphibole content. Fine to medium grained garnets. Low sulphide content Po 65/ Py 35%. Salty texture due to fine grained plagioclase. Moderate sericitic alteration via stringers. Minor cpx content
			C64334	162.27	163.67	1.4	0.003	AGAT_FAICP		
			C64335	163.67	165	1.33	0.004	AGAT_FAICP		
			C64336	165	166.36	1.36	0.003	AGAT_FAICP		
166.36	166.66	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	C64337	166.36	166.66	0.3	0.003	AGAT_FAICP		Qtz 75% Feld 10% Bio 4%. Weak sulphide content
166.66	170.00	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	C64339	166.66	168	1.34	0.005	AGAT_FAICP		Variable amphibole content throughout unit. Salty appearance due to fine grained plagioclase. Fine to coarse garnets. Moderate to strong sericitic alteration via halos and stringers. Weak potassic and chloritic alteration observable. Thin barren pegmatitic veins present. Low sulphide content with pyrrhotite as the dominant sulphide Po 75/ Py 25%.
			C64340	168	169.05	1.05	0.004	AGAT_FAICP		
			C64341	169.05	170	0.95	0.004	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
170.00	173.32	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	C64342	170	170.66	0.66	0.004	AGAT_FAICP		
		Fine to very coarse garnets throughout. Intense sillimanite patches with the highest concentration at 170.70 -170.90ms. Strain intensity is high. Sulphide content is moderately low Po 75/ Py 30%. Unit contains a couple QV2 veins (see veining tab). Short lamprophyre contained from 172.13-172.40 with an upper contact of a50/b278 and a lower contact of a61/b318.	C64343	170.66	171.1	0.44	0.003	AGAT_FAICP		
			C64344	171.1	171.75	0.65	0.004	AGAT_FAICP		
			C64345	171.75	172.4	0.65	0.003	AGAT_FAICP		
			C64347	172.4	173.32	0.92	0.007	AGAT_FAICP		
173.32	173.67	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	C64348	173.32	173.67	0.35	0.005	AGAT_FAICP		
		Low sulphide content Po 75/ Py 25%. Sulphides trend with foliation. Weak sericitic alteration via stringers.								
173.67	174.40	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	C64349	173.67	174.4	0.73	0.003	AGAT_FAICP		
		Fine to coarse grained garnets. High biotite content. Lamprophyre stringers near lower contact. Low sulphide content with pyrrhotite as the main constituent. Moderate sillimanite content. Moderate chloritic alteration via dissemination.								
174.40	174.88	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	C64350	174.4	174.88	0.48	0.003	AGAT_FAICP		
		Lamprophyre contains fine to medium sized carbonate amygdules. Moderately magnetic								
174.88	176.00	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	C64351	174.88	176	1.12	0.004	AGAT_FAICP		
		FGSGB contains a strong sillimanite content. Low sulphide content. Moderately siliceous. Fine to coarse garnets. Numerous fractures of ultramafic origin								
176.00	177.15	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	C64353	176	177.15	1.15	0.002	AGAT_FAICP		
		Fine to medium grained carbonate amygdules. Strongly magnetic								
177.15	177.85	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	C64354	177.15	177.85	0.7	0.054	AGAT_FAICP		
		Strong silicic alteration. Strong sillimanite content. Unit is strongly sheared. Stringers of ultramafic material throughout. Low sulphide content. Fine to moderate grained garnets								
177.85	180.10	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	C64355	177.85	179.18	1.33	0.004	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Variable background amphibole content. Very fine grained garnets throughout. Moderate to strong sericitic alteration via stringers and dissemination. Weak to moderate chloritic alteration via dissemination. Low sulphide content. Minor veining/flooding but no increase in sulphide content.	C64356	179.18	180.1	0.92	0.022	AGAT_FAICP		
180.10	180.92	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	C64357	180.1	180.92	0.82	0.003	AGAT_FAICP		
		Fine to coarse grained garnet throughout unit. Moderate background amphibole content. Moderate quartz veining/flooding with moderate sulphide content. Pyrrhotite and pyrite both present Po 75 / Py 25%. Weak to moderate sericitic alteration via moderate angled veinlets.								
180.92	181.87	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	C64359	180.92	181.87	0.95	0.004	AGAT_FAICP		
		Very fine grained garnets throughout unit. Weak background amphibole content. Very low sulphides. Moderate sillimanite.								
181.87	182.28	(AMP) Amphibolite, ()	C64360	181.87	182.28	0.41	0.002	AGAT_FAICP		
		Amphibolite contains short sections of LAMP as well as veinlets. Very low sulphide content. Weak salty texture due to fine grained plagioclase. Moderate chloritic alteration via dissemination.								
182.28	182.66	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	C64361	182.28	182.66	0.38	0.004	AGAT_FAICP		
		Lamprophyre contains very fine grained carbonate amygdules. Not magnetic like previous lamps								
182.66	183.55	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	C64362	182.66	183.55	0.89	0.01	AGAT_FAICP		
		Fine to medium grained garnets throughout. Low sulphide content. Moderate quartz veining/flooding along foliation planes but no sharp increase in sulphide content.								
183.55	197.57	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	C64363	183.55	184.78	1.23	0.002	AGAT_FAICP		
		Variable background amphibole content. A few lamprophyres contained within unit. Lamp A 187.65 - 187.92 with an upper contact of a54/b328. Lamp B 192.38-192.57 with an upper contact of a50/b330. A few short pegmatites are also present but are barren. Patchy magnetite. Low sulphide content overall Po 75/Py25%. Moderate sericitic alteration via stringers and halos. Salty texture due to fine grained plagioclase.	C64364	184.78	185.4	0.62	0.003	AGAT_FAICP		
			C64365	185.4	186.02	0.62	0.004	AGAT_FAICP		
			C64367	186.02	187.5	1.48	0.004	AGAT_FAICP		
			C64368	187.5	188.75	1.25	0.004	AGAT_FAICP		
			C64369	188.75	189.54	0.79	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C64377	196.63	197.57	0.94	0.006	AGAT_FAICP		
			C64370	189.54	190.92	1.38	0.002	AGAT_FAICP		
			C64371	190.92	192.28	1.36	0.004	AGAT_FAICP		
			C64373	192.28	193.18	0.9	0.005	AGAT_FAICP		
			C64374	193.18	193.94	0.76	0.004	AGAT_FAICP		
			C64375	193.94	195.21	1.27	0.004	AGAT_FAICP		
			C64376	195.21	196.63	1.42	0.004	AGAT_FAICP		
197.57	198.40	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	C64379	197.57	198.4	0.83	0.003	AGAT_FAICP		Qtz 60% Feld 25% Bio 15%. Feldspar appear to be semi altered from sodic to potassic members as strong potassic alteration is observable along sheared cleavage planes. Moderate background amphibole content throughout unit. Very coarse aggregates of biotite throughout. Intense potassic and sericitic alteration in the last 15cms of unit via dissemination and bands. Sulphide content is low within unit with both pyrite and pyrrhotite present Py 75/Po 25%.
198.40	201.04	(AMP) Amphibolite, ()	C64380	198.4	199.73	1.33	0.003	AGAT_FAICP		Short barren pegmatitic veins throughout unit. Thin QV2 barren veins also present. Strong potassic/sericitic/chloritic alteration via halos and stringers. Very low sulphide content.
			C64381	199.73	201.04	1.31	0.003	AGAT_FAICP		
201.04	215.30	(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	C64382	201.04	202	0.96	0.005	AGAT_FAICP		Variable amphibole content throughout ranging from 6-35% and very gradational. Fine grained garnets. Very low sulphide content. Strong sericitic/potassic and chloritic alteration via halos/dissemination and stringers. Short barren pegmatitic veins throughout. Fine to medium grained magnetite specimens are present in patches.
			C64383	202	203.3	1.3	0.002	AGAT_FAICP		
			C64384	203.3	204.08	0.78	0.003	AGAT_FAICP		
			C64385	204.08	205.48	1.4	0.006	AGAT_FAICP		
			C64387	205.48	206.85	1.37	0.003	AGAT_FAICP		
			C64388	206.85	208.15	1.3	0.01	AGAT_FAICP		
			C64389	208.15	209.61	1.46	0.003	AGAT_FAICP		
			C64390	209.61	211.08	1.47	0.005	AGAT_FAICP		
			C64391	211.08	212.43	1.35	0.002	AGAT_FAICP		
			C64393	212.43	213.57	1.14	0.004	AGAT_FAICP		
			C64394	213.57	214.62	1.05	0.003	AGAT_FAICP		
			C64395	214.62	215.3	0.68	0.002	AGAT_FAICP		
215.30	216.60	(AMP) Amphibolite, ()	C64396	215.3	216	0.7	0.003	AGAT_FAICP		Moderate conglomeratic appearance due to moderate barren quartz veining/flooding along

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		foliation planes. Large aggregates of amphibole and cpx present. Moderate salty texture due to fine grained plagioclase. Low sulphide content	C64397	216	216.6	0.6	0.006	AGAT_FAICP		
216.60	218.18	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	C64399	216.6	217.3	0.7	0.003	AGAT_FAICP		
		Weak quartz veining/flooding along foliation planes but barren. Weak sulphide content throughout. Weak background amphibole content. Strong chloritic alteration near lamprophyre contained from 217.77-217.93ms with an upper contact of a52/b312. Occasional very fine grained garnet.	C64400	217.3	218.18	0.88	0.002	AGAT_FAICP		
218.18	218.93	(AMP) Amphibolite, ()	C64401	218.18	218.93	0.75	0.006	AGAT_FAICP		
		Unit contains a short barren pegmatite from 218.58-218.68ms. Weak sericitic/potassic alteration via high angled veinlets to core axis. Very low sulphide content								
218.93	222.69	(FGS) Felsic Gneiss Sedimentary, ()	C64402	218.93	220.3	1.37	0.003	AGAT_FAICP		
		Short lamprophyre contains from 220.73-220.89ms with an upper contact of a48/b85. Moderate sericitic/potassic alteration via stringers/veinlets and halos. Very low sulphide content. Background amphibole content varies throughout ranging from 1-4%.	C64403	220.3	221.8	1.5	0.003	AGAT_FAICP		
			C64404	221.8	222.69	0.89	0.002	AGAT_FAICP		
222.69	224.62	(AMP) Amphibolite, ()	C64405	222.69	224	1.31	0.003	AGAT_FAICP		
		Amphibolite contains a salty texture due to fine grained plagioclase. Minor cpx found in aggregates and often near thin QV2 veins. Very low sulphide content throughout. Pegmatitic/QV2 veins present but all are barren	C64407	224	224.62	0.62	0.004	AGAT_FAICP		
224.62	228.72	(FGS) Felsic Gneiss Sedimentary, ()	C64408	224.62	226	1.38	0.005	AGAT_FAICP		
		Fine grained FGS with numerous veinlets and halos of moderate potassic/sericitic alteration. Very low sulphide content overall. Variable background amphibole content 1-6%. Occasional band of amphibolite	C64409	226	227.48	1.48	0.003	AGAT_FAICP		
			C64410	227.48	228.72	1.24	0.002	AGAT_FAICP		
228.72	229.18	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	C64411	228.72	229.18	0.46	0.002	AGAT_FAICP		
		Qtz 45% Feld 40% Bio 8%. Strong potassic and moderate chloritic alteration via dissemination. Pegmatite is barren. Feldspar cleavage planes have been disrupted by secondary fluid infiltration.								
229.18	230.30	(FGS) Felsic Gneiss Sedimentary, ()	C64413	229.18	230.3	1.12	0.005	AGAT_FAICP		
		Numerous thin barren pegmatitic veins through unit at high angle to core axis (70 degrees).								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Moderate to strong sericitic/potassic alteration via stringers and halos throughout unit. Very low sulphide content. Occasional band of amphibolite.								
230.30	232.60	(AMP) Amphibolite, ()	C64414	230.3	231.09	0.79	0.008	AGAT_FAICP		
		Amphibolite contains moderate to strong sericitic alteration via high angled bands to core axis. Sulphide content is very low. Strong cpx content in lower half of unit observable in large aggregates in proximity to potential phlogopite aggregates.	C64415	231.09	231.88	0.79	0.01	AGAT_FAICP		
			C64416	231.88	232.6	0.72	0.006	AGAT_FAICP		
232.60	233.38	(FGS) Felsic Gneiss Sedimentary, ()	C64417	232.6	233.38	0.78	0.003	AGAT_FAICP		
		FGS has very low sulphide content. Moderate sericitic alteration via stringers and dissemination. Weak amphibole background content.								
233.38	234.00	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	C64419	233.38	234	0.62	0.003	AGAT_FAICP		
		Fine grained carbonate amygdules. Upper and lower chill margins observable. Fine grained biotite throughout unit.								
234.00	235.04	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	C64420	234	235.04	1.04	0.004	AGAT_FAICP		
		Strong potassic/chloritic/sericitic alteration via dissemination and stringers due to unit being bound by UMDs. Very low sulphide content.								
235.04	235.85	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	C64421	235.04	235.85	0.81	0.003	AGAT_FAICP		
		Lamprophyre contains upper and lower chill margins. Fine grained carbonate amygdules.								
235.85	239.82	(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	C64422	235.85	237.3	1.45	0.004	AGAT_FAICP		
		Very low sulphide. Numerous thin lamprophyres found throughout unit with largest one contained at 236.75-236.82 with an upper contact of a32/b321. Strong potassic/sericitic/chloritic alteration via dissemination/stringers/halos. Variable background amphibole content throughout unit.	C64423	237.3	238.2	0.9	0.003	AGAT_FAICP		
			C64424	238.2	239.18	0.98	0.009	AGAT_FAICP		
			C64425	239.18	239.82	0.64	0.003	AGAT_FAICP		
239.82	245.72	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	C64427	239.82	241	1.18	0.003	AGAT_FAICP		
		Dark grey to grey; fmg; moderately silicified; weak patchy potassic alteration; banding texture defined by cm-scale QZ-CB-FSP stringers parallel to foliation measured at 241.13m with a50 b308; POT and SER alt halos around texture-defining stringers; lcl melt-textured PEG-rich intervals; lcl cm-scale AMP dyklets cut unit concordant with overall foliation;	C64428	241	242	1	0.003	AGAT_FAICP		
			C64429	242	243	1	0.003	AGAT_FAICP		
			C64430	243	243.7	0.7	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		variable background amphibole content 3-5% overall; no sig min to interval	C64431	243.7	244	0.3	0.003	AGAT_FAICP		
			C64433	244	245	1	0.002	AGAT_FAICP		
			C64434	245	245.72	0.72	0.002	AGAT_FAICP		
245.72	246.12	(AMP) Amphibolite, ()	C64435	245.72	246.12	0.4	0.005	AGAT_FAICP		
		Dark green; fmg; few mm-cm scale QZ-CB-FSP stringers cut unit showing weak SER alt halos; no sig min or alt; sharp lower contact measured at a65 b350								
246.12	247.06	(FGS) Felsic Gneiss Sedimentary, ()	C64436	246.12	247.06	0.94	0.003	AGAT_FAICP		
		Grey to dark grey; fmg; strong silicification and moderate POT and SER alt halos around texture-defining cm-scale QZ-CB-FSP stringers; FOD-AX1 feature observed at 246.97m plunging 40' towards 050' with axis measured with a35 b335; moderate-strong foliation overall measured at ~50dtca; no sig min								
247.06	247.62	(AMP) Amphibolite, ()	C64437	247.06	247.62	0.56	0.003	AGAT_FAICP		
		Dark green; fmg; moderately silicified; no sig min or veining; sharp lower contact measured at a40 b358								
247.62	248.49	(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	C64439	247.62	248.49	0.87	0.003	AGAT_FAICP		
		Split 80/20 interval composed of quartz-rich PEG and fmg silicified weakly banded FGS from upper and lower flanks of intrusive unit; no sig min or alteration; 203% BIO defines weak PGM texture overall; lower contact sharp measured at a70 b360								
248.49	261.27	(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, ()	C64440	248.49	249.5	1.01	0.003	AGAT_FAICP		
		Grey to dark grey; moderate-strong silica overprinting to whole interval; weak-moderate patchy POT alt lclly with minor POT altered KF entrained in texture defining QZ-CB-FSP stringers; stringers generally concordant with overall foliation measured at 252.84m with a45 b306 and again at 260.08m with a56 b308; two larger 30cm PEGGR/QG veins cut unit at 253.74-254.13 and again at 256.16-256.57m with sharp upper and lower contacts (see veining tab); variable background amphibole content with lcl cm-scale AMP veins/dycklets parallel with foliation; no significant mineralization observed	C64441	249.5	251	1.5	0.015	AGAT_FAICP		
			C64442	251	252	1	0.003	AGAT_FAICP		
			C64443	252	253	1	0.003	AGAT_FAICP		
			C64444	253	253.74	0.74	0.005	AGAT_FAICP		
			C64445	253.74	254.13	0.39	0.003	AGAT_FAICP		
			C64454	259	260	1	0.005	AGAT_FAICP		
			C64455	260	261.27	1.27	0.003	AGAT_FAICP		
			C64447	254.13	254.5	0.37	0.004	AGAT_FAICP		
			C64448	254.5	254.8	0.3	0.002	AGAT_FAICP		
			C64449	254.8	256.16	1.36	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C64450	256.16	256.57	0.41	0.003	AGAT_FAICP		
			C64451	256.57	257.7	1.13	0.002	AGAT_FAICP		
			C64453	257.7	259	1.3	0.002	AGAT_FAICP		
261.27	261.78	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	C64456	261.27	261.78	0.51	0.003	AGAT_FAICP		
		massive carbonate-phenocrystic grey and black intrusive lamprophyre dyke with sharp sericite-chlorite altered margins								
261.78	272.00	(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	C64457	261.78	263	1.22	0.003	AGAT_FAICP		
		medium to coarse-grained foliated quartzofeldspathic metasedimentary wacke with compositional variance affected by banded to patchy cumulates from local reheating; intermittent sericitic and potassic haloes on quartz-carbonate veinlets as well as coarse section of pegmatitic fluid flux from 263.6 to 264.5 m depth; fluid-involved pegmatitic section is defined by bright pink and red potassic alteration along with small amounts of brecciation	C64459	263	263.9	0.9	0.007	AGAT_FAICP		
			C64460	263.9	265	1.1	0.008	AGAT_FAICP		
			C64461	265	266	1	0.005	AGAT_FAICP		
			C64462	266	267	1	0.006	AGAT_FAICP		
			C64463	267	268	1	0.008	AGAT_FAICP		
			C64464	268	269	1	0.018	AGAT_FAICP		
			C64465	269	270	1	0.006	AGAT_FAICP		
			C64467	270	271	1	0.005	AGAT_FAICP		
			C64468	271	272	1	0.008	AGAT_FAICP		
272.00	272.60	(DIA) Diabase Dike, ()	C64469	272	272.6	0.6	0.004	AGAT_FAICP		
		very fine to fine-grained intrusive massive black diabase dyke exploiting small fault zone characterized by core grind-loss and brecciation; some carbonate-phenocrystic sections apparent								
272.60	275.60	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	C64470	272.6	273	0.4	0.004	AGAT_FAICP		
		fine to medium-grained dark grey quartzofeldspathic groundmass bespeckled with disseminated biotite; occasional thin quartz veinlets and quartz-carbonate veinlets with potassic and sericitic envelopes	C64471	273	274	1	0.005	AGAT_FAICP		
			C64473	274	275	1	0.007	AGAT_FAICP		
			C64474	275	275.6	0.6	0.005	AGAT_FAICP		
275.60	276.58	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	C64475	275.6	276.58	0.98	0.002	AGAT_FAICP		
		very coarse-grained granitic pegmatite defined by groundmass of reddish-stained feldspar megacrysts with sparse angular patches of interstitial quartz; minor FGS wallrock integration at contacts								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
276.58	279.13	(FGS, QV) Felsic Gneiss Sedimentary, Quartz Vein, (FGSBI) FGS (10-29% BI) above or proximal to gold zone fine to coarse-grained lively quartzofeldspathic melt characterized by disseminated to banded quartz-feldspar-biotite wallrock split and broken into sections by intermittent quartzofeldspathic veining; evidence of intimate fluid incorporation unroofing and altering wallrock sections; moderate to strongly pegmatitic fluids	C64476	276.58	277	0.42	0.005	AGAT_FAICP		
			C64477	277	278.25	1.25	0.004	AGAT_FAICP		
			C64479	278.25	279.13	0.88	0.004	AGAT_FAICP		
279.13	285.54	(UM) Ultramafic, () fine to coarse-grained biotite alteration zone discoloured by intense chloritization of grains; some reflective brownish feldspars or feldspathoids that may be scapolite; sparse sections of cm-scale banding apparent within generally massive unit	C64480	279.13	280	0.87	0.002	AGAT_FAICP		
			C64481	280	281	1	0.004	AGAT_FAICP		
			C64482	281	282	1	0.004	AGAT_FAICP		
			C64483	282	283	1	0.005	AGAT_FAICP		
			C64484	283	284	1	0.003	AGAT_FAICP		
			C64485	284	285	1	0.003	AGAT_FAICP		
			C64487	285	285.54	0.54	0.002	AGAT_FAICP		
285.54	290.30	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) very coarse-grained grey quartz pegmatite for first 1.5 m of unit followed by pink and grey granitic pegmatite to lower contact; varying textures and compositions but overall roughly equal portions of feldspar and quartz	C64488	285.54	287	1.46	0.002	AGAT_FAICP		
			C64489	287	288	1	0.002	AGAT_FAICP		
			C64490	288	289	1	0.01	AGAT_FAICP		
			C64491	289	289.8	0.8	0.002	AGAT_FAICP		
			C64493	289.8	290.3	0.5	0.003	AGAT_FAICP		
290.30	291.16	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone medium-grained grey quartzofeldspathic unit with disseminated biotite speckling and fine banding defined by varying quartz content; occasional patchy quartzofeldspathic melt bands	C64494	290.3	291.16	0.86	0.004	AGAT_FAICP		
291.16	291.60	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz) very coarse-grained pink and grey quartz-rich granitic pegmatite composed of quartzose groundmass with floating clumps of pink and grey feldspar along with biotite disseminations near wallrock-incorporative contacts	C64495	291.16	291.6	0.44	0.003	AGAT_FAICP		
291.60	297.96	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone medium to coarse-grained dark grey quartz-feldspar-biotite unit with intermittent grey quartz	C64496	291.6	293	1.4	0.005	AGAT_FAICP		
			C64497	293	294	1	0.006	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
veinlets and one 2 cm-wide veinlet that undulates along long axis of core from 297 to 297.5 m depth; one granitic pegmatite broken out in veining tab and sections of banding defined by alternating quartz-feldspar and biotite-rich compositions			C64499	294	294.51	0.51	0.009	AGAT_FAICP		
			C64500	294.51	294.81	0.3	0.006	AGAT_FAICP		
			C66751	294.81	296	1.19	0.012	AGAT_FAICP		sample series jump from C64500 to C66751
			C66753	296	297	1	0.014	AGAT_FAICP		
			C66754	297	297.5	0.5	0.004	AGAT_FAICP		
			C66755	297.5	297.96	0.46	0.004	AGAT_FAICP		
297.96	298.40	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	C66756	297.96	298.4	0.44	0.002	AGAT_FAICP		
pink and grey coarse to very coarse-grained quartz-rich granitic pegmatite with chunky patches of pink feldspar and quartz-dominant groundmass; abundant coarse patches of magnetite throughout										
298.40	300.46	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	C66757	298.4	299	0.6	0.004	AGAT_FAICP		
fine to medium-grained grey quartzofeldspathic unit with disseminated interstitial biotite; defined by alternating quartz-feldspar and biotite bands; minor amphibole in places										
			C66759	299	300	1	0.009	AGAT_FAICP		
			C66760	300	300.46	0.46	0.003	AGAT_FAICP		
300.46	301.30	(UM) Ultramafic, ()	C66761	300.46	301.3	0.84	0.002	AGAT_FAICP		
green and black chloritized biotite-rich unit defined by alternating bands of black biotite and green chlorite; quartz is also a minor constituent although picking a quartz content through the altered groundmass is difficult										
301.30	303.46	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	C66762	301.3	302	0.7	0.002	AGAT_FAICP		
very coarse-grained pegmatite that transitions from reddish-stained feldspar dominant PEG with interstitial quartz patches to a wallrock-integrating quartz-rich section with abundant interstitial patchy biotite incorporated from lower FGS unit; wallrock integration occurs from roughly 302.8 m to 303.46 m depth and some coarse magnetite is present near 303 m depth										
			C66763	302	303	1	0.002	AGAT_FAICP		
			C66764	303	303.46	0.46	0.017	AGAT_FAICP		
303.46	304.90	(FGS, QV) Felsic Gneiss Sedimentary, Quartz Vein, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	C66765	303.46	304	0.54	0.004	AGAT_FAICP		
quartzofeldspathic metasediment with evidence of reheating due to proximity to overlying pegmatite; reheating indicated by wavy and wispy bands of bitoite-rich wallrock trailing through grey quartz and quartzofeldspathic veining; gentle pgtymatic folding apparent										
			C66767	304	304.9	0.9	0.008	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
304.90	312.00	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone fine to medium-grained dark grey foliated quartz-feldspar-biotite unit with occasional barren massive whitish-grey quartz veins and sections of thin bands denoted by alternating quartz-feldspar and quartz-feldspar-biotite bands; intermittent potassic and sericitic alteration envelopes on crosscutting quartz-carbonate veinlets	C66768	304.9	306	1.1	0.005	AGAT_FAICP		
			C66769	306	307	1	0.004	AGAT_FAICP		
			C66770	307	308.4	1.4	0.004	AGAT_FAICP		
			C66771	308.4	308.8	0.4	0.015	AGAT_FAICP		
			C66773	308.8	309.8	1	0.004	AGAT_FAICP		
			C66774	309.8	310.1	0.3	0.003	AGAT_FAICP		
			C66775	310.1	311	0.9	0.007	AGAT_FAICP		
			C66776	311	312	1	0.154	AGAT_FAICP		
312.00	313.27	(PEG, UMD) Pegmatite, UM\LAMP DiKE, (PEGGR) Granitic Pegmatite (<50% quartz) very coarse-grained pink and grey pegmatitic fluid flareup around margins of intrusive lamprophyre dyke; pegmatite is roughly equigranular blotches of anhedral to subhedral feldspar and quartz while lamprophyre is black and grey massive intrusive with sericite-chlorite altered contacts and minor carbonate phenocrysts at pulse boundaries	C66777	312	312.55	0.55	0.002	AGAT_FAICP		
			C66779	312.55	312.97	0.42	0.002	AGAT_FAICP		
			C66780	312.97	313.27	0.3	0.002	AGAT_FAICP		
313.27	317.16	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone fine to medium-grained dark grey massive largely unfoliated FGS; quartz-feldspar-biotite equigranular unit with intermittent potassic and sericitic envelopes on quartz-carbonate veinlets and occasional patchy quartz melt	C66781	313.27	314	0.73	0.005	AGAT_FAICP		
			C66782	314	315	1	0.003	AGAT_FAICP		
			C66783	315	316	1	0.006	AGAT_FAICP		
			C66784	316	317.16	1.16	0.003	AGAT_FAICP		
317.16	317.61	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) medium-grained green intermediate weakly-foliated amphibolite with thin intermittent quartz veinlets and one quartz-carbonate stringer	C66785	317.16	317.61	0.45	0.008	AGAT_FAICP		
317.61	325.12	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone fine to medium-grained grey quartz-feldspar-biotite unit with moderate foliation and areas striped by thin quartz bands; intermittent potassic and sericitic alteration envelopes on crosscutting quartz-carbonate veinlets as well as intensely sericitized and potassic-altered zone from 324.2 to 324.63 m depth	C66787	317.61	319	1.39	0.004	AGAT_FAICP		
			C66788	319	320	1	0.004	AGAT_FAICP		
			C66789	320	321	1	0.005	AGAT_FAICP		
			C66790	321	322	1	0.004	AGAT_FAICP		
			C66791	322	323	1	0.004	AGAT_FAICP		
			C66793	323	324.19	1.19	0.003	AGAT_FAICP		
			C66794	324.19	324.63	0.44	0.003	AGAT_FAICP		
			C66795	324.63	325.12	0.49	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
325.12	330.92	(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, (AMPIN) Intermediate Amphibolite (50-69% amphibole) fine to medium-grained intercalated bands of green intermediate amphibolite and grey FGS; occasional patchy quartzose to quartzofeldspathic melt and intermittent potassic sericitic alteration envelopes on quartz-carbonate veinlets	C66796	325.12	326	0.88	0.003	AGAT_FAICP		
			C66797	326	327	1	0.003	AGAT_FAICP		
			C66799	327	327.68	0.68	0.003	AGAT_FAICP		
			C66800	327.68	329	1.32	0.002	AGAT_FAICP		
			C66801	329	330	1	0.003	AGAT_FAICP		
			C66802	330	330.92	0.92	0.006	AGAT_FAICP		
330.92	339.28	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone fine to medium-grained grey quartz-feldspar-biotite unit with weak to moderate foliation; occasional patchy granitic pegmatite and barren massive quartz melts; intermittent potassic and sericitic-enveloped quartz-carbonate veinlets	C66803	330.92	332	1.08	0.003	AGAT_FAICP		
			C66804	332	333.1	1.1	0.028	AGAT_FAICP		
			C66805	333.1	334	0.9	0.006	AGAT_FAICP		
			C66807	334	335	1	0.003	AGAT_FAICP		
			C66808	335	336	1	0.003	AGAT_FAICP		
			C66809	336	337	1	0.002	AGAT_FAICP		
			C66810	337	338	1	0.003	AGAT_FAICP		
			C66811	338	339.28	1.28	0.003	AGAT_FAICP		
339.28	340.50	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) alternating blotchy patches of reddish-stained pink feldspar and grey quartz; patchy clumps of coarse magnetite throughout	C66813	339.28	340.5	1.22	0.002	AGAT_FAICP		
340.50	341.31	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone fine-grained grey quartz-feldspar-biotite FGS with intermittent hairline quartz-carbonate veinlets boasting potassic and sericitic alteration envelopes	C66814	340.5	341.31	0.81	0.002	AGAT_FAICP		
341.31	347.21	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) pink feldspar-dominant granitic pegmatitic melt with interstitial quartz and incorporated patches of grey FGS wallrock; some sections carry background potassic staining in wallrock fragments likely leached out of accumulating feldspars	C66815	341.31	342	0.69	0.003	AGAT_FAICP		
			C66816	342	343.5	1.5	0.002	AGAT_FAICP		
			C66817	343.5	345	1.5	0.009	AGAT_FAICP		
			C66819	345	346.5	1.5	0.004	AGAT_FAICP		
			C66820	346.5	347.21	0.71	0.004	AGAT_FAICP		
347.21	351.00	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29%	C66821	347.21	348	0.79	0.004	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
BI) above or proximal to gold zone			C66822	348	348.62	0.62	0.006	AGAT_FAICP		
EOH at 351 m depth; fine to medium-grained grey quartz-feldspar-biotite unit with intermittent quartz bands and quarrzofeldspathic melt patches; usual quartz-carbonate veinlets crosscut unit with well-developed potassic and sericitic alteration envelopes			C66823	348.62	348.92	0.3	0.004	AGAT_FAICP		
			C66824	348.92	350	1.08	0.003	AGAT_FAICP		
			C66825	350	351	1	0.003	AGAT_FAICP		EOH at 351 m depth but last sample is standard after this

Hole ID : RD19-00016

Project : Borden

Drilling Details :

Azimuth : 140
 Dip : -45.5
 Length : 363
 Drill Start : 19-Jul-2019
 Drill Completed : 23-Jul-2019
 Core Size : NQ
 Drill Company : Major
 Oriented Core : No

Location Details :

Easting : 345935
 Northing : 5304304
 Elevation : 452
 UTM Grid : NAD83_UTMZ17N_GPS
 Township : Gamey
 Storage Location : Chapleau Ont

Logging Details :

Logged By : Alex.Jibb
 Logged By 2 :
 Log Start : 23-Jul-2019
 Log Completed : 29-Jul-2019
 Re-Logged By :
 Re-Log Start :
 Re-Log Completed :

Comments :

Hole comprised of repetitious sequences of weak-strongly foliated AMP and FGS cut by granitic to qz-rich PEG units; several small UMDs cut unit often parallel to foliation; no significant patches of mineralization with trace amts of CP at 255m and again at 272m

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	1.60	(OB) Overburden, ()								
1.60	6.64	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D63659	1.6	3	1.4	0.01	AGAT_FAICP		
		Grey to lclly dark grey; fmg; weakly-moderately silicified FGS with 10-12% fmg dissem BIO deifning moderate foliation; 4-5% fmg dissem AMP throughout also defines foliation; several mm-cm scale QZ-CB stringers with lcl boudinaging/stretching define banded texture; FOL measured at ~60dtca; AMP dyklet from 2.49-2.61m; no sig min; gradational lower contact (no alpha/beta obtained)	D63660	3	4.5	1.5	0.005	AGAT_FAICP		
			D63661	4.5	5.24	0.74	0.011	AGAT_FAICP		
			D63662	5.24	5.57	0.33	0.002	AGAT_FAICP		
			D63663	5.57	6.64	1.07	0.007	AGAT_FAICP		
6.64	10.91	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D63664	6.64	8	1.36	0.008	AGAT_FAICP		
		Grey-green; fmg; moderate pervasive silicification; many (up to 10%) QZ-CB-FSP stringers/veinlets cut unit all roughly parallel to moderately defined foliation measured at 10.7m with a56 b344; discordant stringers mm-scale and show trace SER alt halos;	D63665	8	9	1	0.009	AGAT_FAICP		
			D63667	9	10	1	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		gradational upper contact and sharp lower contact with LAMP+PEG unit measured at a60 b336	D63668	10	10.91	0.91	0.006	AGAT_FAICP		
10.91	11.55	(PEG, UMD) Pegmatite, UMLAMP Dike, (PEGGR) Granitic Pegmatite (<50% quartz)	D63669	10.91	11.55	0.64	0.002	AGAT_FAICP		Split 75/25 interval composed of white plagioclase feldspar-dominant PEGGR with minor QZ (10-15%); 25% dark brown to brown UMD included in vein material with lcl alphas tca measured at ~35dtca; no sig min; weak lower contact measured at a55 b324
11.55	13.55	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D63670	11.55	12.5	0.95	0.003	AGAT_FAICP		Grey-green; fmg; moderate silicification; wmoderate foliation defined by AMP and 8-10% fmg BIO measured at ~55dtca; several cm-scale QZ-CB stringers/veinlets cut unit concordant with overall foliation lclly showing pygmatic nature; no sig min; sharp lower contact with UMD measured at a35 b360
			D63671	12.5	13.55	1.05	0.005	AGAT_FAICP		
13.55	13.74	(UMD) UMLAMP Dike, ()								Light brown to pale green; fg; no sig min; sharp upper and lower contacts both at a35 b360
13.74	16.96	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D63673	13.55	14.07	0.52	0.003	AGAT_FAICP		Grey to dark grey to beige/dk brown; localized intervals of varying grain size; pervasive silicification moderate with lcl moderate patchy RIE alt and weak-moderate pervasive SER alt to whole of unit; minor salt-pepper texture defined lclly by fg subrounded to angular plagioclase feldspars grains; micro lamp dyke 14.04-14.07m with a35 b360 on upper and lower contact; last 40cm of interval moderately pegmatitic textured defined by QZ-rich stringers with cg kspar entrained in vein material; several other smaller mm-cm scale QZ stringers concordant with overall foliation measured at ~60dtca; sharp lower contact with UMD at 63dtca alpha (no lines on core); no sig min
			D63674	14.07	15	0.93	0.003	AGAT_FAICP		
			D63675	15	16	1	0.006	AGAT_FAICP		
			D63676	16	16.96	0.96	0.002	AGAT_FAICP		
16.96	18.60	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D63677	16.96	18	1.04	0.002	AGAT_FAICP		Brown to green to lclly reddish-pink; fmg; stockwork-textured CB stringers cut unit 17.1-17.3m; 17.54-17.81m shows strong CL alteration; no sig min; sharp lower contact at 58dtca (no lines to obtain beta angle)
			D63679	18	18.6	0.6	0.001	AGAT_FAICP		
18.60	22.39	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D63680	18.6	19.5	0.9	0.008	AGAT_FAICP		Grey to green; fmg; moderate-strong pervasive silicification to whole interval; banded texture defined by QZ-PLAG stringers with fg rounded FSP entrained in transparent-QZ stringers subsequently defining complimentary foliation measured at 20.41m with a62 b35; lcl weak
			D63681	19.5	20.5	1	0.003	AGAT_FAICP		
			D63682	20.5	21.5	1	0.004	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		ser alt halos around stringers further defining texture; 1 micro lamp dyke at 19.71-19.80m with a55 b30 on both upper and lower contact; no sig min; sharp lower contact with UMD-LAMPD	D63683	21.5	22.39	0.89	0.004	AGAT_FAICP		
22.39	22.73	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D63684	22.39	22.73	0.34	0.005	AGAT_FAICP		Dark brown; fmg; no sig min or alt; weak salt+pepper texture defined by angular CB and PLAG xenoliths entrained in dark brown UMD matrix; lower contact sharp measured at a55 b360m
22.73	24.32	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D63685	22.73	23.5	0.77	0.001	AGAT_FAICP		Pink to white; fcg; well-developed PEG texture defined by anhedral cg kspar and mod ser altered brown fsp; no significant mineralization; moderate lower contact with no lines on core to grab beta; alpha ~45dtca
			D63687	23.5	24.32	0.82	0.001	AGAT_FAICP		
24.32	30.00	(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D63688	24.32	25.32	1	0.003	AGAT_FAICP		Grey-green; fmg; moderate-strong silicification with minor SER alt halos around mm-cm scale QZ-CB-FSP stringers with lcl 5-15cm intervals of PEGGR cutting unit perpendicular to core axis; stringers concordant with overall foliation measured at ~60dtca; 8-10% BIO overall hosted dominantly in AMPIN with 3-5% fmg disseminated BIO defining FGS sections; no sig min; inferred lower contact at 30m due to increase in POT and CL alteration
			D63689	25.32	26.32	1	0.002	AGAT_FAICP		
			D63690	26.32	27.32	1	0.002	AGAT_FAICP		
			D63691	27.32	28.5	1.18	0.004	AGAT_FAICP		
			D63693	28.5	30	1.5	0.002	AGAT_FAICP		
30.00	30.83	(AMP) Amphibolite, ()	D63694	30	30.83	0.83	0.003	AGAT_FAICP		Grey to dark CL green to deep KS red; mod-strong POT and CL alteration for half of interval where intensity decreases but POT and SER alt still present; few mm-cm scale QZ-FSP stringers cut unit consistent with uphole foliation angles; no observable foliation in unit; no significant mineralization
30.83	34.95	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D63695	30.83	32	1.17	0.005	AGAT_FAICP		Grey to dark green; fmg; moderate pervasive silicification; banded texture defined by QZ-FSP stringers and preferential alignment of AMP+BIO grains along foliation plane measured at 34.20m with a71 b360; 4 ~10cm PEGGR veinlets cut unit lclly (see veining tab) unable to acquire beta angles for veins as no lines drawn on core to 34.03m; no significant mineralization observed across unit; sharp lower contact with PEGGR at a75 b37
			D63696	32	33	1	0.002	AGAT_FAICP		
			D63697	33	34	1	0.003	AGAT_FAICP		
			D63699	34	34.95	0.95	0.003	AGAT_FAICP		
34.95	36.93	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D63551	36	36.93	0.93	0.004	AGAT_FAICP		Pink to grey to lclly reddish-pink; moderately equigranular at top of interval with
			D63700	34.95	36	1.05	0.005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		weak-moderate PEG texture defined downhole by mcg FSP and QZ; moderately melt-textured to about 36m; no significant mineralization; minor 8cm sliver of weakly qze-textured FGS at 36.16-26.24m								
36.93	37.26	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D63553	36.93	37.26	0.33	0.041	AGAT_FAICP		
		Dark grey; fmg; moderate silicification; well-developed banded texture defined by QZ-CB-FSP stringers and host FGS; ~10% fmg dissem BIO defines foliation at ~65dtca; sharp upper and lower contacts; no sig min								
37.26	37.95	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D63554	37.26	37.95	0.69	0.0005	AGAT_FAICP		
		Pink to white; mcg; no significant alteration; glassy feel and appearance to vein; cg kspar and subhedral smokey-grey QZ clasts define weak-moderate pgm texture; no significant mineralization; upper and lower contacts sharp; lower contact measured at a62 b48								
37.95	38.55	(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D63555	37.95	38.55	0.6	0.006	AGAT_FAICP		
		Grey to green; fmg; moderately silicified; moderately foliated defined by mg AMP and 5-7% fmg dissem BIO; last 18cm of unit consists of siliceous well-foliated FGS measured at 60dtca; sharp lower contact with PEGGR at a78 b330; 0.25% vffg dissem PY min across foliation/banding not controlled by either								
38.55	39.36	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D63556	38.55	39.36	0.81	0.002	AGAT_FAICP		
		Pink to grey; fmg; glassy texture/appearance to unit; sliver of downhole AMPIN entrained in vein material at 39.1-39.2m; sharp lower contact at a52 b286; no sig min or alteration								
39.36	41.46	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D63557	39.36	40.41	1.05	0.009	AGAT_FAICP		
		Grey to dark green; fmg; moderate-strong silicification with minor SER alt halos around texture (bnd) defining QZ-CB-FSP stringers concordant with overall foliation measured at ~55-60dtca lclly with betas roughly consistent at ~330; 8cm QV1 stringer with a60 b310 at 41.05-41.13m; 0.25% vffg dissem PY min throughout; sharp lower contact with UMD-LAMPD at a28 b360	D63559	40.41	41.46	1.05	0.002	AGAT_FAICP		
41.46	42.00	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D63560	41.46	42	0.54	0.0005	AGAT_FAICP		
		Dark brown; fmg; moderately developed salt+pepper texture defined by angular anhedral to subrounded subhedral PLAG and CARB; lower contact sharp measured at a50 b360; no sig min or alt								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
42.00	43.64	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D63561	42	43	1	0.007	AGAT_FAICP		
			D63562	43	43.64	0.64	0.003	AGAT_FAICP		
<p>Grey to dark green; fmg; moderate silicification; moderately foliated at ~55dtca mesaured at 43.44m with a55 b329; one PY+(tr)PO mineralizaed QV/QV1 at 42.90-43.00m with upper contact a45 b289 and lower contact a55 b292 hosting 0.25% (lclly; trace amts overall) PY and trace (lclly and overall) PO min; sharp lower contact with UMD-LAMPD; no significant mineralization lith-hosted</p>										
43.64	43.94	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D63563	43.64	43.94	0.3	0.001	AGAT_FAICP		
<p>Beige to light brown to pale green; fg; no sig min or alt; sharp upper and lower contacts; lower contact measured at a25 b360</p>										
43.94	44.74	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D63564	43.94	44.74	0.8	0.002	AGAT_FAICP		
<p>Dark green to grey; fmg; moderately silicified; moderate foliation defined by AMP lclly elongated along foliation plane measured at ~60dtca; no sig min; sharp lower contact with UMD LAMP at a55 b326</p>										
44.74	45.05	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D63565	44.74	45.05	0.31	0.003	AGAT_FAICP		
<p>Light brown to tan-brown; fg; no sig min or alt; sharp upper and lower contacts measured at a55 b326 and a50 b360</p>										
45.05	47.66	(FGS) Felsic Gneiss Sedimentary, ()	D63567	45.05	46	0.95	0.003	AGAT_FAICP		
			D63568	46	47	1	0.006	AGAT_FAICP		
			D63569	47	47.66	0.66	0.004	AGAT_FAICP		
<p>Grey to dark grey; fmg; moderate silicification with weak-moderate patchy SER alt; wispy mm-scale QZ-CB stringers with mod SER alt halos cut unit throughout interval at random intervals/orientations to core axis; one barren QVZ veinlet from 46.56-46.68m; sharp lower contact with PEGQG measured with alpha 75 (no lines on core to obtain beta angles)</p>										
47.66	48.56	(PEG, UMD) Pegmatite, UMLAMP Dike, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D63570	47.66	48.08	0.42	0.002	AGAT_FAICP		
			D63571	48.08	48.56	0.48	0.006	AGAT_FAICP		
<p>Split 80/20 interval composed of clotty/melt-textured pinkish-red PEGQG with 19cm green fmg UMD cutting unit in middle of intercal with upper contact alpha measured at 55 and lower contact alpha measured at 42 9in opposing directions; no lines on core to grab beta angles); no significant mineralization; lower contact sharp with strained QZE FGS</p>										
48.56	49.12	(FGS) Felsic Gneiss Sedimentary, ()	D63573	48.56	49.12	0.56	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Grey; fmg; weak silicification; weak-moderately developed QZE texture defined by elongated mg subhedral QZ phenocrysts; moderately-well foliated measured at 65dtca; gradational lower contact with AMPIN								
49.12	51.00	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D63574	49.12	50	0.88	0.005	AGAT_FAICP		
		Grey-green; fmg; weak silicification and weak-moderate POT al halos around mm-cm scale QZ-CB stringers (lcl SER alt halos around same stringers); no significant veining or mineralization; blocky/broken core 50.22-50.32 and again 50.65-50.75m; gradational lower contact with FGS	D63575	50	51	1	0.002	AGAT_FAICP		
51.00	55.29	(FGS) Felsic Gneiss Sedimentary, ()	D63576	51	52	1	0.004	AGAT_FAICP		
		Grey to lclly dark grey; fmg; moderate-strong silica overprinting; weak patchy/halo style POT alt; unit compsed of 20% PEGGR/QG stringers/veinlets typically concordant with overall foliation measured at ~66dtca; qze texture poorly developed defined by anhedral elongated to angular/subrounded QZ phenocrysts; trace fmg dissem PY lclly hosted in PEG/QZ stringers; moderate lower contact	D63577	52	53	1	0.001	AGAT_FAICP		
			D63579	53	54	1	0.002	AGAT_FAICP		
			D63580	54	55.29	1.29	0.002	AGAT_FAICP		
55.29	56.27	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D63581	55.29	56.27	0.98	0.003	AGAT_FAICP		
		Grey-green; fmg; moderate silicification; moderately foliated defined by fmg AMP grains measured at ~60dtca; mm-scale QZ- stringers cut unit parallel with overall foliation; no sig alteration or veining; 0.25% vffg dissem PY min; sharp lower contact with PEGQZ								
56.27	56.68	(PEG) Pegmatite, (PEGQZ) Quartz Pegmatite (>90% quartz)	D63582	56.27	56.68	0.41	0.001	AGAT_FAICP		
		White dominant with minor pink kspar; fcg; no significant alteration; weakly developed pgm texture defined by 0.5-1% mg patchy BIO entrained in QZ-dominant intervals of unit; sharp lower contact measured with a75 (no lines on core to grab beta); no sig min								
56.68	57.12	(FGS) Felsic Gneiss Sedimentary, ()	D63583	56.68	57.12	0.44	0.001	AGAT_FAICP		
		Dark grey; fmg; moderate silicification; ptygmatic to parallel-to-foliation QZ-FSP stringers showing trace amts of SER and POT alt halos; no sig min; sharp lower contact with PEGQG								
57.12	57.50	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D63584	57.12	57.5	0.38	0.002	AGAT_FAICP		
		Reddish-pink to white; mg relatively equigranular PEGQG; minor 2% mg BIO entrained in vein material defines overall PEG texture; no significant mineralization vein-hosted; sharp lower contact with UMD measured at a70 b76								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
57.50	57.88	(UMD) UMLAMP Dikey, (LAMPD) UMD - Lamprophyre Dyke	D63585	57.5	57.88	0.38	0.002	AGAT_FAICP		
Brown to dark brown; fmg; weak-moderate ppy/slat and pepper texture defined by angular CARB and PLAG phenocrysts; no significant alteration or veining; no sig min; sharp lower contact measured at a 45 b32										
57.88	60.00	(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D63587	57.88	59	1.12	0.001	AGAT_FAICP		
Reddish-pink to white to lclly dark grey; fcg with minor (10%) fg FGSBI included in vein material; 2% fmg dissem BIO entrained in vein material defines modifier; minor 2cm QV1 cuts through minor FGSBI hosting trace amounts (overall) of mg AMP in vein material; cg angular to subrounded smokey-grey QZ phenocrysts entrained in vein material; trace amounts of wispy SILL hosted in vein material; trace amts of fmg dissem PY min hosted in BIO defining pgm texture and smokey-grey QZ phenocrysts; sharp lower contact with FGS measured at a75 b62										
			D63588	59	60	1	0.006	AGAT_FAICP		
60.00	61.34	(FGS) Felsic Gneiss Sedimentary, ()	D63589	60	61.34	1.34	0.006	AGAT_FAICP		
Pink to grey; mg equigranular silicified FGS; moderate-strong silica overprinting; minor FGSBI entrained in silica overprinted FGS 60.63-60.75m; trace amounts of vfg dissem PY min throughout interval										
61.34	66.33	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D63590	61.34	61.9	0.56	0.004	AGAT_FAICP		
Dark green to grey; fmg throughout; moderately silicified; weak-moderate SER and POT alt halos around mm-cm scale QZ-CB-FSP stringers generally parallel to foliation measured at 63.28m with a67 b288; PEGGR melt-texture vein concordant with overall foliation from 61.94-62.16m with upper contact a60 b284 and lower contact a72 b298; no significant mineralization; sharp lower contact with PEGQG at a70 (no lines on core to grab beta)										
			D63591	61.9	62.2	0.3	0.0005	AGAT_FAICP		
			D63593	62.2	63	0.8	0.002	AGAT_FAICP		
			D63594	63	64	1	0.0005	AGAT_FAICP		
			D63595	64	65	1	0.002	AGAT_FAICP		
			D63596	65	66.33	1.33	0.002	AGAT_FAICP		
66.33	67.16	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D63597	66.33	67.16	0.83	0.011	AGAT_FAICP		
Reddish-pink to grey/white; fcg; glassy appearance/feel to whole interval; peg-texture defined by 5% patchy/AGR fmg BIO throughout; cg kspar compose 50% of vein; tr fg min hosted in agr BIO; no sig min otherwise; sharp upper and lower contacts measured with alphas of 65dtca (no lines on core to obtain beta contact angles)										
67.16	69.30	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D63599	67.16	68	0.84	0.032	AGAT_FAICP		
Grey to green; fmg; moderate silicification; weak-moderate SER alt halos around mm-cm scale QZ-CB stringers; weak-moderate foliation measured at ~65dtca; lcl F1 folding to										
			D63600	68	69.3	1.3	0.014	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
mm-cm QZ stringers with no lines on core to grab AX1/AP1 measurements; no significant mineralization throughout; moderate lower contact with FGS										
69.30	70.75	(FGS) Felsic Gneiss Sedimentary, ()	D63701	69.3	70	0.7	0.008	AGAT_FAICP		
Pink to grey; fmg; moderate-strong silicification and weak-moderate patchy POT alteration; banded texture defined by mm-cm scale QZ-PEG to QZ-CB stringers generally parallel to foliation defined at 70.46m with a58 b320; small QZV from 70.20-70.25 parallel to foliation; no significant mineralization; overall 5-7% fmg dissemin BIO defining foliation; sharp lower contact with FGSBI			D63702	70	70.75	0.75	0.008	AGAT_FAICP		
70.75	74.37	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D63703	70.75	72	1.25	0.006	AGAT_FAICP		
Dark grey to grey; fmg; moderate-strong silica overprinting with weak-moderate POT and SER alt halos around mm-cm scale QZ-CB-FSP stringers; 8-10% QZ-CB-FSP veinlets/stringers compose unit and generally cut unit parallel to foliation measured at 165dtca; 10-12% fmg dissemin BIO defines overall foliation; no significant mineralization			D63704	72	73	1	0.003	AGAT_FAICP		
			D63705	73	74.3	1.3	0.009	AGAT_FAICP		
74.37	74.61	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D63707	74.3	74.61	0.31	0.017	AGAT_FAICP		
White to pink; mcg; no sig min or alteration; barren; cg kspars 10%; sharp lower contact measured at a58 b300										
74.61	74.91	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D63708	74.61	74.91	0.3	0.013	AGAT_FAICP		
Green-grey; fmg; moderately silicified; banded texture defined by mm-scale QZ-CB stringers parallel to foliation measured at 65dtca; no sig mineralization; sharp lower contact measured at a68 b322										
74.91	75.58	(AMP) Amphibolite, ()	D63709	74.91	75.58	0.67	0.017	AGAT_FAICP		
Green to dark green; fmg; moderately silicified; moderately foliated defined by fmg AMP preferentially aligned along fol plane measured with alpha ~65dtca; few mm-scale CB stringers cut unit parallel and discordant to foliation; no sig min; sharp lower contact measured with a73 b300										
75.58	78.93	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D63710	75.58	76.5	0.92	0.016	AGAT_FAICP		
Grey-green; fmg; moderate-strong silica overprinting; moderately foliated defined by fmg AMP and QZ-CB-FSP stringers measured cly at ~70dtca; few QZ stringers cut unit parallel to foliation hosting no sig min (95% QZ in stringer); minor 1-2% fg rounded salty-textured PLAG appears downhole towards lower contact with UMD-LAMP; no significant			D63711	76.5	77.5	1	0.019	AGAT_FAICP		
			D63713	77.5	78.93	1.43	0.008	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		mineralization hosted in unit; sharp lower contact with UMD-LAMPD measured with a41 b360								
78.93	79.41	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D63714	78.93	79.41	0.48	0.009	AGAT_FAICP		
		Dark brown; fg; no sig min or alt; sharp upper and lower contacts measured at a41 b360 and a40 b360								
79.41	80.72	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D63715	79.41	80.72	1.31	0.006	AGAT_FAICP		
		Dark grey to dark green; fmg; mod-strong silica overprinting; 10-15% fg subrounded to subhedral PLAG disseminated/aggregated throughout interval often parallel to foliation measured at ~60dtca; trace amounts of mg disseminated PO hosted in main lith and lclly in QZ stringers; sharp lower contact with FGS at a65 b310								
80.72	81.11	(FGS) Felsic Gneiss Sedimentary, ()	D63716	80.72	81.11	0.39	0.008	AGAT_FAICP		
		Grey; fmg; moderately silicified; poorly developed weak-moderate QZE texture defined by angular to locally subrounded/elongated parallel to foliation QZ phenocrysts; bands of wispy SRE alteration throughout small interval; sharp lower contact with PEGGR at a70 b282								
81.11	82.49	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D63717	81.11	82.49	1.38	0.004	AGAT_FAICP		
		Light pink to green to white; lclly smokey-grey defined by mcg QZ; melt-textured; 1% mg wispy/patchy/disseminated BIO entrained in vein material; trace amts of mg PO entrained in vein material; no PY min; sharp upper and lower contacts measured at a70 b282 and lower contact a60 b316								
82.49	83.36	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D63719	82.49	83.36	0.87	0.008	AGAT_FAICP		
		Grey to dark green; fmg; moderately silicified; minor FGS sliver from 82.67-82.76m with upper cntct a65 b318 and lower cntct a65 b320; FGS unit cuts parallel to foliation measured at ~65dtca; no significant veining or mineralization throughout unit; sharp low angle contact with lower PEGGR at a24 b284								
83.36	83.91	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D63720	83.36	83.91	0.55	0.002	AGAT_FAICP		
		White to lclly pale pink/green; mcg throughout; 5% FGS included in vein toward lower contact; no significant mineralization; sharp lower contact measured with a60 b286								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
83.91	85.00	(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D63721	83.91	84.47	0.56	0.009	AGAT_FAICP		
		Split 85/15 interval composed of BI-rich FGS (10-12% fmg BIO) and minor PEGGR towards top of interval with one larger PEGGR vein from 84.26-84.47m with UC a75 b295 and LC a75 b295; weak crack/seal texture gives ribbon/sheeted vein appearance to series of cm-scale stringers preceeding larger PEGGR veining; 0.25% fmg dissem PO vein hosted along margins of contacts with FGS incusions; 0.5% vfg dissem PY min throughout FGS unit; sharp lower contact with QV2/QVZ with a75 b323	D63722	84.47	85	0.53	0.015	AGAT_FAICP		
85.00	85.40	(QV) Quartz Vein, (QZVT2) Massive quartz vein	D63723	85	85.4	0.4	0.015	AGAT_FAICP		
		White to pink; 5-10% fmg Kspar entrained in white QV matrix defining a weak-moderate PGM texture; no sig min or alt; sharp lower contact with FGSBI (no lines on core to grab contact angle)								
85.40	86.00	(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D63724	85.4	86	0.6	0.011	AGAT_FAICP		
		Split 65/35 interval composed of BI-rich (10-12%) FGS showing a moderately developed bnd texture defined by QZ-CB stringers and Kspar; 35% AMP dyke cuts unit concordant with foliation at ~65dtca and is well-foliated at ~65dtca as well; no sig min; moderate lower contact with AMP at ~35dtca								
86.00	86.64	(AMP) Amphibolite, ()	D63725	86	86.64	0.64	0.018	AGAT_FAICP		
		Green to dark green; fmg; moderate-strong foliated measured at ~55dtca; minor light-green patchy anhedral shaped CPX lclly; no sig veining or mineralization; sharp lower contact measured at ~83dtca (sub-vertical)								
86.64	88.93	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D63727	86.64	87.59	0.95	0.002	AGAT_FAICP		
		Dark grey; fmg; moderately silicified; moderately foliated defined by 10-12% fmg BIO and QZ-FSP stringers at ~60dtca lclly; 1% fg BND PY also defines foliation; 4-5% fmg dissem to BND GRT throughout; minor 1% fg subhedral salt+peppery textured PF; weakly siliceous with minor cm-scale QZ-CB stringers; small lamp dyke at 88.67-88.74m; sharp lower contact with UMD at 25dtca	D63728	87.59	88.65	1.06	0.004	AGAT_FAICP		
			D63729	88.65	89.19	0.54	0.004	AGAT_FAICP		
88.93	89.19	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke								
		Dark brown; fg; no sig min or alt; sharp upper and lower contacts measured at alphas 25dtca UC and 35dtca LC								
89.19	90.10	(AMP) Amphibolite, ()								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Green to dark green; fmg; weak silicification; strong pervasive CL alteration; moderately defined foliation measured at ~50dtca; no sig min; sharp lower contact with UMD-LAMPD measured at alpha 30dtca	D63730	89.19	90.1	0.91	0.009	AGAT_FAICP		
90.10	91.30	(UMD) UMLAMP DiKE, (LAMPD) UMD - Lamprophyre Dyke	D63731	90.1	91.3	1.2	0.002	AGAT_FAICP		Dark brown; fmg; moderately developed salt+peppery texture; no sig min; minor GRT 1% entrained in lamp dyke at upper and lower contacts; lower contact occurs over broken core with alpha measured at 46dtca
91.30	91.80	(AMP) Amphibolite, ()	D63733	91.3	91.8	0.5	0.006	AGAT_FAICP		Dark green; fg; minor 0.25% fg dissem/bnd PO; beige SER altered AMP dyke cut unit from 91.6-91.7 with alpha 50dtca on upper cntct and lower cntct
91.80	93.15	(UMD) UMLAMP DiKE, (LAMPD) UMD - Lamprophyre Dyke	D63734	91.8	93.15	1.35	0.007	AGAT_FAICP		Dark brown; fmg; no sig min or alt; moderately-developed salt+peppery texture throughout; lcl CB xenoliths entrained in LAMP matrix; 0.25% fg BND GRT similar to above LAMP dyke; lower contact shapr at 38dtca
93.15	96.50	(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, ()	D63735	93.15	94	0.85	0.006	AGAT_FAICP		Dark grey to grey; fmg; moderately silicified; 10% QZ-PEG stringers/veinlets cut unit successively generally parallel to foliation with few veinlets discordant with overall foliation measured at ~60dtca; minor LAMP with upper cntct and lower cntct a30 from 96.09-96.15m; no sig min
			D63736	94	95	1	0.006	AGAT_FAICP		
			D63737	95	96	1	0.009	AGAT_FAICP		
			D63739	96	96.5	0.5	0.006	AGAT_FAICP		
96.50	97.13	(AMP) Amphibolite, ()	D63740	96.5	97.13	0.63	0.012	AGAT_FAICP		Dark/light green and pink; mod-strong CL and POT alt throughout whole interval; lcl siliceous QZ-stringers cut unit; minor mm-scale QZ-CB stringers; diffuse lower contact with FGSGB
97.13	101.59	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D63741	97.13	98	0.87	0.005	AGAT_FAICP		Dark grey to reddish-grey; fcg; moderately silicified; strongly foliated defined by elongated CG GRT parallel to foliation plane measured at 101m with a50 b18; 12-15% CG POB GRT overall; 1% fg dissem to BND fg subrounded PLAG; FGS background composed of 8-10% BIO; strong POT and SER alt halos around cm-scale QZ-CB-FSP stringers with largest at 100.37-100.44m; no sig min
			D63742	98	99	1	0.003	AGAT_FAICP		
			D63743	99	100	1	0.004	AGAT_FAICP		
			D63744	100	101	1	0.005	AGAT_FAICP		
			D63745	101	101.59	0.59	0.008	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
101.59	103.52	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Light/dark green and pink to white to lclly smokey-grey/QV1-like; melt textured PEG; 60% mcg KF; 20% plag; 20% QZ; minor 0.5% mg disseminated PY min hosted in vein material; sharp lower contact with FGSGB measured with a47 b323	D63747	101.59	102.5	0.91	0.008	AGAT_FAICP		
			D63748	102.5	103.52	1.02	0.005	AGAT_FAICP		
103.52	104.45	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone Dark grey to grey; fcg; moderately silicified; 12-13% mcg POB grt elongated along foliation plane measured at ~55dtca; two phases of FGS included in unit with the aforementioned POB/foliated FGS and a moderately developed QZE-textured FGS (split is about 60/40 GRT POB to QZE FGS); minor fg disseminated to patchy plagioclase feldspar 1% overall; no sig min; sharp lower contact with AMP dyke	D63749	103.52	104.4	0.88	0.005	AGAT_FAICP		
104.45	104.70	(AMP) Amphibolite, () Dark green; fmg; moderately silicified; few mm-scale QZ-CB stringers cut unit parallel to weakly defined foliation measured at ~50dtca (no lines on core); sharp lower contact with FGSGB measured with a75 b360; no sig min	D63750	104.4	104.7	0.3	0.009	AGAT_FAICP		
104.70	111.18	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone Dark grey to grey to lclly beige/tan-brown; moderately silica overprinted with minor SER alt around stringers as halos; no significant veining throughout interval; 2 minor amp dykes cut unit at 106.42-106.49m and again at 109.28-109.33m hosting no sig min or veining; minor lamp dyke at 108.67-108.73; proceeding the LAMP dyke a minor increase in background amphibole occurs to about 4-5% to end of interval (2-3% overall); ~10% fcg GRT throughout with fmg GRT appearing following aforementioned micro-lamp dyke; FGS background develops poorly formed trace (overall) QZE texture defined by subhedral to angular clasts; trace fg dissem PY min throughout; no sig min otherwise; gradational/diffuse lower contact with AMP	D63751	104.7	106	1.3	0.006	AGAT_FAICP		
			D63753	106	107	1	0.01	AGAT_FAICP		
			D63754	107	108	1	0.004	AGAT_FAICP		
			D63755	108	109	1	0.009	AGAT_FAICP		
			D63756	109	110	1	0.003	AGAT_FAICP		
			D63757	110	111.18	1.18	0.003	AGAT_FAICP		
111.18	115.66	(AMP) Amphibolite, () Green to dark green to purply-green; fmg with lcl CG PAT/AGR GRT; moderately silicified; weak patchy RIE alt defines BND texture in conjunction with lighter-green banded to anhedral mg CPX and QZ-CB-FSP stringers; 9cm barren QV2 stringer concordant with overall foliation measured at ~65dtca (no lines on core) at 114.72-114.81m; no significant mineralization; 0.5% CG AGR GRT; 1% fmg subhedral disseminated to banded PF; sharpo lower contact with UMD-:LAMPD measured with alpha 50dtca (no lines on core)	D63759	111.18	112	0.82	0.0005	AGAT_FAICP		
			D63760	112	113	1	0.003	AGAT_FAICP		
			D63761	113	114	1	0.004	AGAT_FAICP		
			D63762	114	115	1	0.003	AGAT_FAICP		
			D63763	115	115.66	0.66	0.003	AGAT_FAICP		
115.66	116.56	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Dark brown; fg; no sig min or alt; minor angular to subhedral PF/B entrained in LAMP matrix; 3 cm-scale QZ-CB stringers cut unit; sharp lower contact measured at 30dtca (no lines on	D63764	115.66	116.56	0.9	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
core)										
116.56	119.97	(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, (FGSGB) Variable BI + garnets below the gold zone	D63765	116.56	117.65	1.09	0.008	AGAT_FAICP		
Split 60/40 interval composed of siliceous banded and well-foliated garnetiferous FGS with variable BIO and GRT throughout; foliation across both units consistent and measured at ~60-65dtca (no lines on core to obtain beta angle); FGS banding defined by cm-scale QZ-CB-FSP stringers; unit pervasively silicified across both units with minor SER alt halos around texture-defining stringers; QZ-PF stringers locally in AMP units; no sig min across either unit; trace amts of vfg disseminated PY in FGS exclusively; inferred lower contact with QV2			D63767	117.65	118.04	0.39	0.007	AGAT_FAICP		
			D63768	118.04	118.46	0.42	0.006	AGAT_FAICP		
			D63769	118.46	119.5	1.04	0.003	AGAT_FAICP		
			D63770	119.5	119.97	0.47	0.008	AGAT_FAICP		
119.97	120.27	(QV) Quartz Vein, (QZVT2) Massive quartz vein	D63771	119.97	120.27	0.3	0.039	AGAT_FAICP		
White to smoky-grey; minor QV1 sections up to 3cm in width hosting vfg recrystallized AMP and BIO; banded texture defined by inclusions of uphole and downhole fGS which are concordant with uphole and downhole foliation at ~65dtca; minor 0.25% vfg disseminated PY hosted exclusively in FGS slivers of vein; no sig min vein-shot; sharp lower contact measured at a~55dtca (no lines on core)										
120.27	124.04	(FGS) Felsic Gneiss Sedimentary, ()	D63773	120.27	121	0.73	0.007	AGAT_FAICP		
Grey to dark grey to pale-pinkish-grey; fmg; moderately silicified with lcl sections showing weak-moderate SIL overprinting; banded texture defined by mm-cm scale QZ-CB stringers parallel to overall foliation measured at ~60dtca (consistent with general foliation observed thus far); 7-9% fmg disseminated BIO define FOL; minor mod-strong POT alt locally defined around QZ stringers; weak SER alt around mm-scale QZ-CB stringers discordant with overall foliation; traces up to 0.3-0.5% vfg disseminated PY min;			D63774	121	122	1	0.004	AGAT_FAICP		
			D63775	122	123	1	0.007	AGAT_FAICP		
			D63776	123	124.04	1.04	0.007	AGAT_FAICP		
124.04	125.17	(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, ()	D63777	124.04	125.17	1.13	0.008	AGAT_FAICP		
Split 50/50 interval composed of moderately SER and POT altered FGS/AMP; both units show moderate foliation consistent with each other measured at ~55dtca; FGS hosts 0.5% vfg disseminated PY min; sharp lower contact with very light-brown UMD-LAMPD measured with alpha 45dtca (no lines on core)										
125.17	125.28	(UMD) UMD/LAMP DiKE, (LAMPD) UMD - Lamprophyre Dyke								
Very light brown to beige/tan-brown; vfg; no sig min or alt; sharp lower contact measured at 30dtca (no lines on core)										
125.28	125.80	(AMP) Amphibolite, ()	D63779	125.17	125.8	0.63	0.008	AGAT_FAICP		
Red to pink; fmg; strong pervasive potassic alteration and minor SER alt; no observable lithological or textural features; inferred lower contact due to FZ/broken/blocky core; no sig min										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
125.80	126.45	(AMP) Amphibolite, ()	D63780	125.8	126.45	0.65	0.005	AGAT_FAICP		Grey; fmg; 0% RQD with sections of broken core and rubble throughout; 2-3% fmg PY min observed throughout; competent core begins at lower contact; likely a fault zone that's been exposed to groundwater giving poikilitic/porous texture to some sections of rubble/broken core
126.45	126.75	(AMP) Amphibolite, ()	D63781	126.45	126.75	0.3	0.004	AGAT_FAICP		Dark green; fmg; moderately silica overprinted; 1% vffg dissemin PY min; no sig veining or structure; lower contact occurs over 5cm of rubble
126.75	129.06	(AMP) Amphibolite, ()	D63782	126.75	128	1.25	0.004	AGAT_FAICP		Pink to red to SER tan-brown to grey; fmg; strong PER/PAT POT alt and mod-strong SER alt; slivers of relatively unaltered AMP pokes through lclly; CL stringers cut through altered AMP at irregular angles and intervals; no significant mineralization; moderate lower contact measured at a72 b298 with FGSGB
			D63783	128	129.06	1.06	0.003	AGAT_FAICP		
129.06	131.68	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D63784	129.06	130	0.94	0.001	AGAT_FAICP		Dark grey to grey to reddish-pink; fmg; no obvious foliation to unit; increase in BIO compared to above FGS intervals 12-14\$ fmg BIO gives dark grey colouration to unit; 129.6-129.93m shows mod-strong patchy POT alt with weak minor CL included; FGSBI moderately siliceous defined by 10-15% QZ-FSP-CB stringers hosting no significant mineralization; stringers lclly host anhedral fmg AMP; mod-strong POT halos around lcl cm-scale stringers; no sig min overall; sharp lower contact with PEG
			D63785	130	131	1	0.0005	AGAT_FAICP		
			D63787	131	131.68	0.68	0.002	AGAT_FAICP		
131.68	132.30	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D63788	131.68	132.3	0.62	0.006	AGAT_FAICP		Red; fmg; 30% QZ stringers and veinlets compose bulk of unit with strong pervasive potassic alteration overprinting vein; minor FGS slivers from uphole and downhole units entrained in vein material; sharp lower contact measured at a37 b360
132.30	133.65	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D63789	132.3	133.65	1.35	0.004	AGAT_FAICP		Dark grey; fmg; moderately silicified; mod-strong POT alt halos around mm-cm scale QZ-CB stringers generally concordant with overall foliation measured at 133.13m with a65 b272; no sig min; diffuse lower contact measured at a65 b300

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
133.65	135.37	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) Green to brownish-green; fmg; moderate silica overprinting; weak patchy CL alt lclly (tr overall); moderate foliation defined by fmg AMP grains measured at ~65dtca; no sig min; sharp lower contact with QZE-textured FGS measured at a66 b200	D63790	133.65	134.5	0.85	0.005	AGAT_FAICP		
			D63791	134.5	135.37	0.87	0.004	AGAT_FAICP		
135.37	135.74	(FGS) Felsic Gneiss Sedimentary, () Grey; fcg; well-developed QZE texture defined by subhedral subrounded to lclly angular/anhedral QZ phenocrysts entrained in felsic QZ-BIO rich matrix; strongly silica overprinted with glassy feel/appearance; no sig min; diffuse lower contact across contact alteration with AMPIN measured with a60 b180	D63793	135.37	135.74	0.37	0.001	AGAT_FAICP		
135.74	138.57	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) Dark to light green to pale/weakly brown; fmg; very weakly lclly silicified; brownish colouration comes from 10-12% phlogopite composing matrix; several wispy mm-scale QZ-CB stringers cut unit at random intervals/orientations to core axis; no significant structure or veining; diffuse lower contact with weakly QZE-textured FGS measured at a75 b36	D63794	135.74	137	1.26	0.002	AGAT_FAICP		
			D63795	137	138	1	0.011	AGAT_FAICP		
			D63796	138	138.57	0.57	0.004	AGAT_FAICP		
138.57	139.10	(FGS) Felsic Gneiss Sedimentary, () Dark grey to light grey; fmg; moderately silicified; poorly developed QZE texture defined by subhedral to angular to subrounded QZ phenocrysts in a felsic QZ-BIO rich matrix; 1 PEGQG stringer cuts through unit towards lower contact hosting traces of vvfq dissem PY min; no sig min in FGS units; sharp lower contact with PEGQG measured at a65 b44	D63797	138.57	139.1	0.53	0.003	AGAT_FAICP		
139.10	139.67	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz) Various shades of light/dark green and pink to grey; fcg; moderate PEG texture defined by 2-3% wispy BIO which hosts all of the 0.25% fg dissem PY min; last 10cm of interval composed of uphole FGS; sharp lower contact measured at a25 b360 with DIA unit	D63799	139.1	139.67	0.57	0.004	AGAT_FAICP		
139.67	141.53	(DIA) Diabase Dike, () Dark grey; fmg; no significant alteration; unit shows weak POR texture throughout defined by vfg CB grains in a salt+pepper texture throughout; minor mm to lclly cm-scale QZ-CB stringers cut unit at random intervals and orientations! CB frac fill stringers show weak SER alt halos; sharp lower contact with intrusive (?) FGS at a60 b180	D63800	139.67	141	1.33	0.004	AGAT_FAICP		
			D63801	141	141.53	0.53	0.002	AGAT_FAICP		
141.53	141.86	(FGS) Felsic Gneiss Sedimentary, () Grey to pale pink0-grey; fmg; poorly developed QZE texture defined by subhedral angular to	D63802	141.53	141.86	0.33	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		subropunded mm-scale QZ phenocrysts lclly BIO-rimmed; minor PEGQG stringer ends interval and forms sharp lower contact with uphole DIA at a50 b180; no sig min; sharp lower contact								
141.86	146.75	(DIA) Diabase Dike, ()	D63803	141.86	143	1.14	0.002	AGAT_FAICP		
		Dark grey; fg; massive-textured with few mm-scale QZ-CB stringers cutting unit at random intervals and orientations to core axis; lcl CB frac fill shows trace SER alt halos; no sig min; sharp upper and lower contacts with lower cntct measured at a42 b360	D63804	143	144.5	1.5	0.005	AGAT_FAICP		
			D63805	144.5	146	1.5	0.002	AGAT_FAICP		
			D63807	146	146.75	0.75	0.002	AGAT_FAICP		
146.75	147.29	(FGS) Felsic Gneiss Sedimentary, ()	D63808	146.75	147.29	0.54	0.004	AGAT_FAICP		
		Grey to beige; fmg; moderate-strong silicification; weak-moderate SER alt halos around mm-scale QZ-CB stringers cutting unit irregularly and random intervals/orientations; moderately foliated measured at ~45dtca; no sig min; sharp lower contact with DIA unit								
147.29	152.22	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D63809	147.29	148.3	1.01	0.003	AGAT_FAICP		
		Green to dark grey; fmg; moderate-strong silicification; weak patchy CL alt to AMP-dominant intervals; variable abundance of AMP throughout unit with lcl sections up to 30% and others 4-5%; FGS-textures lclly but logged as AMPIN for consistency with remained of DDH; foliation well defined by AMP and QZ-CB stringers measured at 147.88 with a63 b306; weak SER and POT halos around stringers throughout interval; diffuse lower contact with blasted/broken-up material (likely FGS?); no significant mineralization	D63810	148.3	149.3	1	0.0005	AGAT_FAICP		
			D63811	149.3	150.3	1	0.002	AGAT_FAICP		
			D63813	150.3	151	0.7	0.002	AGAT_FAICP		
			D63814	151	152.22	1.22	0.004	AGAT_FAICP		
152.22	153.00	(FGS) Felsic Gneiss Sedimentary, ()	D63815	152.22	153	0.78	0.003	AGAT_FAICP		
		White; porous-textured likely due to chemical weathering or water pressure from the drill blasting away less resistive minerals; 3-5% light green mineral entrained in matrix of FGS; possibly fuchsite as it appears micaceous in habit but possibly chlorite or another kind of altered amphibole; no observable features as whole unit is of this porous texture								
153.00	159.55	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D63816	153	154	1	0.012	AGAT_FAICP		
		Various shades of green and pink to white/grey; moderate pgm texture defined by anhedral melt-textured cg feldspars both alkalic and plagioclase; small 2-6cm sections of QV1 smokey-grey material which see increase in fmg dissem PY min; overall 2% fmg dissem PY min with lcl QV1 sections (compose maybe 5-7% of overall vein) hosting upwards of 4-5% lclly; minor lamp dyke cross-cuts unit from 156.22-156.29m with alpha 30dtca upper and lower contact; sharp lower contact with FGS	D63817	154	155	1	0.011	AGAT_FAICP		
			D63819	155	156	1	0.015	AGAT_FAICP		
			D63820	156	157	1	0.021	AGAT_FAICP		
			D63821	157	158	1	0.01	AGAT_FAICP		
			D63822	158	159	1	0.012	AGAT_FAICP		
			D63823	159	159.55	0.55	0.009	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
159.55	161.25	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) Grey-green to RIE-purply-grey; fmg; moderately silicified and weakly selectively RIE altered; banding defined by RIE altered layers and unaltered (relatively) AMP and QZ stringers cutting unit with sharp margins; measured at ~60dtca (no ines on core); well-mineralized by 2-3% fmg dissem PY with traces of fg PO 0.1% overall; moderate contact with lower QZE-FGS	D63824	159.55	160.05	0.5	0.016	AGAT_FAICP		
			D63825	160.05	161.25	1.2	0.016	AGAT_FAICP		
161.25	162.00	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone Grey; fmg; strong silica overprinting; poorly developed QZE texture defined by subrounded QZ phenocrysts in a felsic background; trace mg GRT; no sig min; diffuse lower contact with AMP	D63827	161.25	162	0.75	0.007	AGAT_FAICP		
162.00	167.80	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) Grey-green to purply-grey-green; fmg; strong silica overprinting and moderate RIE alteration defines overall banded texture in conjunction with mm-cm scale QZ-CB stringers at ~60dtca; similar to above PEG small sections of QV1-like material define lcl stringers/banding; vuggy-texture resultant from chemical weathering/water pressure from the drill bit occurs from ~165m to end of intercal; overall 3% fmg dissem to lclly mg patchy PY min; lower contact drawn due to change in mineralizy of intermediate amphibolites (increase in PLAG and weathering resistant minerals)	D63828	162	163	1	0.005	AGAT_FAICP		
			D63829	163	164	1	0.004	AGAT_FAICP		
			D63830	164	165	1	0.021	AGAT_FAICP		
			D63831	165	166	1	0.015	AGAT_FAICP		
			D63833	166	167	1	0.009	AGAT_FAICP		
			D63834	167	167.8	0.8	0.007	AGAT_FAICP		
167.80	169.10	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) Pale green to white; fmg; core blocky/broken and vuggy/porous textured; difficult to note any features as few are present/observable; white rounded fg plag pokes through overall texture ~8% overall; 1% fmg PY min; few PEG-textured stringers/pods entrained/observable in overall unit; lower contact inferred due to change in alteration and core competency	D63835	167.8	169.2	1.4	0.007	AGAT_FAICP		
169.10	172.20	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) Red to pinkish-rted; fmg; intensely potassic altered and weakly sercite altered; <10% RQD for interval with only one ~20cm piece of core completely together; banded texture poorly developed defined by cm-scale QZ stringers at ~60dtca; no lines on core to obtain beta angles; 1% fmg dissem PY min	D63836	169.2	170	0.8	0.011	AGAT_FAICP		
			D63837	170	171	1	0.006	AGAT_FAICP		
			D63839	171	172.2	1.2	0.005	AGAT_FAICP		
172.20	172.91	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Dark brown; fg; no sig min or alt; large 20cm (long-axis measured) AMP XNL showing strong SER alteration with mg POR subrounded to round plag grains entrained in XNL; no sig min	D63840	172.2	172.91	0.71	0.004	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
hosted in UMD; sharp lower contact measured at ~30dtca										
172.91	174.63	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D63841	172.91	174	1.09	0.007	AGAT_FAICP		
			D63842	174	174.63	0.63	0.017	AGAT_FAICP		
Red; fmg; intense hematite pervasive alteration (deep red; streaks grey/black); possibly KS alteration but streak test indicates HE alt; foliation and QZ-CB stringers cross-cut each other perpendicular to one another with fol measured at ~65dtca and low angle stringers measured at ~40dtca cut unit showing no sig alt halos; 0.5% fg PY min occurring towards end of interval										
174.63	176.44	(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D63843	174.63	175.5	0.87	0.003	AGAT_FAICP		
			D63844	175.5	176.44	0.94	0.005	AGAT_FAICP		
Split 70/30 interval composed of siliceous dark grey BIO-rich (10-12%) FGS cut by ~30% PEGQZ/QV stringers/veinlets; veining hosts no sig min with no sig min FGS-hosted either; veining shows weak-mod POT and SER alt; moderate SIL overprinting to whole interval; diffuse lower contact with minerlaized and altered AMP										
176.44	177.70	(AMP) Amphibolite, ()	D63845	176.44	177.2	0.76	0.028	AGAT_FAICP		
			D63847	177.2	177.7	0.5	0.023	AGAT_FAICP		
Dark green to black; mcg; moderate-strong silica overprinting; 20-25% light-green AMP/CPX define clotty texture; unit well-mineralized with 4-5% fmg to lclly cg euhedral (1cm size) dissem PY; 1 lamp dyke cuts unit from 177.53-177.63 with same contact angles measured at a55 b360; one microlamp with same a55 b360 contact angles at 170.20-170.23m; sharp lower contact with PEGQG measured at a56 b328										
177.70	180.97	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D63848	177.7	179	1.3	0.007	AGAT_FAICP		
			D63849	179	180	1	0.003	AGAT_FAICP		
			D63850	180	180.97	0.97	0.005	AGAT_FAICP		
Pink to white-grey to lclly pale green; mcg; melt-texture defined by mcg KF+PF; slivers of siliceous smokey-grey QZ/QV1-like veining; minor 1% cg anhedral to subhedral magnetite entrained in vein material; minor 1-2% fmg patchy/dissem BIO also entrained in vein material hosting trace amounts (overall) of fmg PY; tr amts of fmg PY vein-hosted lclly; sharp lower contact with FGS measured at a70 b20										
180.97	183.05	(FGS) Felsic Gneiss Sedimentary, ()	D63851	180.97	182.03	1.06	0.003	AGAT_FAICP		
			D63853	182.03	183.05	1.02	0.008	AGAT_FAICP		
Dark grey; fmg; moderate-strong silicification; banded texture defined by cm-scale QZ stringers; 2% fmg dissem to vein-hosted PY min throughout; vuggy/porous texture appears towards lower contact with UMD-LAMPD measured at ~50dtca; 2% fmg dissem PY min overall										
183.05	183.51	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D63854	183.05	183.51	0.46	0.005	AGAT_FAICP		
Dark brown; fg; no sig min or alt; 3 mm-scale QZ-CB stringers cut unit at different										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
orientations to core axis; no lines on core to obtain beta angles; sharp lower contact measured at 55dtca										
183.51	185.36	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D63855	183.51	184.5	0.99	0.019	AGAT_FAICP		
			D63856	184.5	185.36	0.86	0.032	AGAT_FAICP		
Pale green to white/grey; fmg; moderately silica overprinted and moderately developed banded texture defined by cm-scale QZ stringers with lcl stringers hosting mg KF in vein material; banding generally consistent in orientation measured at ~60dtca (no lines on core); clotty-texture poorly developed towards end of interval defined by mg light-green CPX and lclly 4-5% fmg PY; 3% fmg dissemin to patchy PY min overall										
185.36	189.35	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D63857	185.36	186	0.64	0.004	AGAT_FAICP		
			D63859	186	187	1	0.004	AGAT_FAICP		
			D63860	187	188	1	0.005	AGAT_FAICP		
			D63861	188	189.35	1.35	0.003	AGAT_FAICP		
Dark grey to grey; fmg; mod-strong silica overprinting; banded texture defined by mm-cm scale QZ-CB stringers concordant with overall foliation measured at ~60-65dtca; GRT POB to about 186.8m defined by fmg POB to lclly stretched along fol-plane 2% overall; moderately developed foliation defined by fmg BIO (8-10%) measured at ~65dtca; stringers show mod POT and SER alt halos; 0.5% fg dissemin PY min overall; 1 small PEGQG veinlet from 188.58-188.68; sharp lower contact with AMP intrusive measured at a65 b322										
189.35	189.65	(AMP) Amphibolite, ()	D63862	189.35	189.65	0.3	0.006	AGAT_FAICP		
Dark green; fmg; moderately silicified; weakly foliated measured at ~65dtca; 1 milky-white 2cm QV2 stringer cuts unit parallel to foliation; no sig min in lith or veining; sharp lower contact measured at a60 b320										
189.65	191.60	(FGS) Felsic Gneiss Sedimentary, ()	D63863	189.65	190.65	1	0.007	AGAT_FAICP		
			D63864	190.65	191.6	0.95	0.004	AGAT_FAICP		
Dark grey; fmg; moderately silicified and moderately-strongly foliated measured at ~60-65dtca; ~10% QZ-CB to QZ-PEG stringers/veinlets cut unit consistent with overall foliation; one 10cm AMP dyke at 190.83-190.93m with upper contact a65 b360 and lower contact a68 b300; no significant mineralization										
191.60	191.96	(AMP) Amphibolite, ()	D63865	191.6	191.96	0.36	0.007	AGAT_FAICP		
Green to dark green; fmg; moderately silicified; moderately foliated defined by QZ-CB stringers and fmg AMP grains; measured at 56dtca; 0.25 vfg dissemin PY min across foliation boundaries (not fol controlled); sharp lower contact measured at a56 b330										
191.96	193.07	(FGS) Felsic Gneiss Sedimentary, ()	D63867	191.96	193.07	1.11	0.002	AGAT_FAICP		
Grey; fmg; strong silica overprinting; mod-strong foliation defined by QZ-CB stringers and fmg BIO measured at ~65dtca; banded texture subsequently measured at ~65tca defined by cm-scale QZ-CB-FSP stringers concordant with overall foliation; no significant mineralization										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
193.07	193.41	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D63868	193.07	193.41	0.34	0.002	AGAT_FAICP		Pink to white to black; fcg; 5-7% BIO overall with bulk of BIO min appearing as AGR/massive at end of interval; 1-2% mcg BIO dissem in vein material defines overall PGM texture; no sig min; sharp lower contact measured with a45 b343
193.41	195.15	(FGS) Felsic Gneiss Sedimentary, ()	D63869	193.41	194.41	1	0.002	AGAT_FAICP		Grey to dark grey to pinkish-grey; fmg; moderately silicified; banded texture defined by mm-cm scale QZ-CB-FSP to QZ-PEG stringers concordant with overall foliation measured at ~55dtca; 1 PEGQG vein from 194.70-194.85cm with upper cntct a35 b322 and lower cntct a53 b310; no significant mineralization; sharp lower contact with AMP measured at a55 b316
			D63870	194.41	195.15	0.74	0.003	AGAT_FAICP		
195.15	198.00	(AMP) Amphibolite, ()	D63871	195.15	196	0.85	0.002	AGAT_FAICP		Dark green; fmg; moderately silicified; mod-strong foliated defined by fg AMP grains and mm-scale QZ-CB stringers measured at ~60-65dtca; cm-scale QZ-stringers defining bnd texture lclly host fmg subhedral subrounded PF (0.25-0.5% overall); no sig min; inferred lower contact at 198m
			D63873	196	197	1	0.002	AGAT_FAICP		
			D63874	197	198	1	0.007	AGAT_FAICP		
198.00	198.38	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D63875	198	198.38	0.38	0.004	AGAT_FAICP		Pale pink to white-grey; fcg; 3-5% fmg patchy/agr to wispy BIO define moderate pgm texture overall; no sig min; inferred upper contact and moderate lower contact measured at a60 b64; no sig min
198.38	203.61	(AMP) Amphibolite, ()	D63876	198.38	199.3	0.92	0.013	AGAT_FAICP		Green to dark green; fmg; moderately silicified; strongly foliated with lcl changes in foliation angles; fol measured at 200.53m with a20 b298 and again at 203.00m with a54 b286; banded texture defined by cm-scale QZ stringers parallel to foliation at 55-60dtca throughout; weak pot alteration to lcl QZ-CB stringers and weak-moderate POT halos around same stringers; no significant mineralization; sharp lower contact with PEGQG measured at a65 b280
			D63877	199.3	200	0.7	0.002	AGAT_FAICP		
			D63879	200	201	1	0.051	AGAT_FAICP		
			D63880	201	202	1	0.003	AGAT_FAICP		
			D63881	202	203	1	0.004	AGAT_FAICP		
			D63882	203	203.61	0.61	0.002	AGAT_FAICP		
203.61	208.73	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D63883	203.61	204.66	1.05	0.0005	AGAT_FAICP		Pink to grey to white; fmg; weak patchy POT alteration; moderate peg texture defined by 3-5% fmg wispy/bladed to agr/patchy acicular BIO entrained in vein material; melt texture moderately defined by meshing of grain boundaries between KF and PF; sliver of AMP
			D63884	204.66	205.5	0.84	0.0005	AGAT_FAICP		
			D63885	205.5	206.5	1	0.0005	AGAT_FAICP		
			D63887	206.5	207.5	1	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		included in vein material towards lower contact; no significant mineralization; sharp lower contact with AMP at a40 b260	D63888	207.5	208.73	1.23	0.0005	AGAT_FAICP		
208.73	209.22	(AMP) Amphibolite, () Dark green; fmg; moderately silicified; moderately foliated defined by fmg AMP grains; tr KF locally entrained in mm-cm scale QZ pods; no sig min; sharp lower contact measured at a52 b36	D63889	208.73	209.22	0.49	0.0005	AGAT_FAICP		
209.22	210.48	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Pink and grey; mcg; peg-texture defined by 4-5% mg disseminated to patchy/banded BIO throughout defines overall texture; no sig min; sharp lower contact with AMP measured at a55 b267	D63890	209.22	210.48	1.26	0.0005	AGAT_FAICP		
210.48	211.00	(AMP) Amphibolite, () Dark green; fmg; moderate silicification; strongly foliated measured at 210.64 with a54 b270; no sig min or veining to interval; sharp lower contact with PEGQG	D63891	210.48	211	0.52	0.002	AGAT_FAICP		
211.00	213.06	(PEG, AMP) Pegmatite, Amphibolite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz) Split 60/40 interval composed of QZ-rich PEG and moderately foliated dk green to grey AMPIN; PEG hosts 3-4% fmg disseminated BIO defining PEG texture; AMPIN slivers (possibly FGS); moderately foliated consistent with overall contact angles at ~50dtca; no significant mineralization hosted in either unit; diffuse/inferred lower contact due to decrease of feldspars in vein and transition to QV2/QVZ material	D63893	211	212	1	0.0005	AGAT_FAICP		
			D63894	212	212.5	0.5	0.0005	AGAT_FAICP		
			D63895	212.5	213.06	0.56	0.0005	AGAT_FAICP		
213.06	213.46	(QV, AMP) Quartz Vein, Amphibolite, (QZVT2) Massive quartz vein Split 75/25 interval composed of QV2/QVZ material hosting no sig min or other minerals (feldspar-barren) and grey-green foliated AMPIN from uphole; foliation in AMPIN measured at 50dtca; no sig min hosted in either unit; moderate silicification to included AMPIN; lower contact sharp measured at a65 b344	D63896	213.06	213.46	0.4	0.011	AGAT_FAICP		
213.46	217.70	(AMP) Amphibolite, () Green to dark green; fmg; moderately silicified; strongly foliated with multiple well-defined/developed structural features; one FOD-AX2 at 215.2m plunging 50dtca trending towards 206 with plane measured with a35 b282; FOD-AX1 observed and measured at 216.25m plunging 54dtca towards 241 with plane measured at a35 b282 (coincidence that alpha betas are same for FOD-AX1 and FOD-AX2); composite FS0/1 fabric observed in proximity to FOD-AX2; minor 0.25% fg disseminated salty-textured subrounded	D63897	213.46	214.5	1.04	0.001	AGAT_FAICP		
			D63899	214.5	215.5	1	0.0005	AGAT_FAICP		
			D63900	215.5	216.5	1	0.0005	AGAT_FAICP		
			D63901	216.5	217.7	1.2	0.0005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		white PF; no significant mineralization; sharp lower contact with UMD-LAMPD measured at a40 b32								
217.70	218.10	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D63902	217.7	218.1	0.4	0.001	AGAT_FAICP		
		Brown to beige/green; fg; no sig min or alt; sharp upper and lower contacts with lower contact measured at a45 b16								
218.10	222.28	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D63903	218.1	219	0.9	0.004	AGAT_FAICP		
		Grey-green to green-white; fmg; weak-moderate patchy POT alt towards end of interval with remainder of uphole unit relatively unaltered; intermediate amphibolite defined by 50-60% fmg AMP defining strong foliation measured at 219/65m with a28 b288; blebby/weakly boundinaged QZ-FSP clasts lclly (towards end of interval) no significant mineralization to unit; minor 2% mcg dissem KF showing trace POT alt; sharp lower contact with PEGQG measured at a50 b90	D63904	219	220	1	0.0005	AGAT_FAICP		
			D63905	220	221	1	0.0005	AGAT_FAICP		
			D63907	221	222.28	1.28	0.0005	AGAT_FAICP		
222.28	224.02	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D63908	222.28	223.15	0.87	0.0005	AGAT_FAICP		
		Pink to white; mg to vcg (dominant grain size); PEG-texture well developed defined by CVCG KF (40-50% overall); minor brown cg dissem BIO entrained in vein matrix both in QV hosts and KF hosts; no significant mineralization; sharp lower contact with UMD at a29 b354	D63909	223.15	224.02	0.87	0.0005	AGAT_FAICP		
224.02	224.67	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D63910	224.02	224.67	0.65	0.001	AGAT_FAICP		
		Green to brown-green/tan-brown; fg; minor wispy QZ-CB stringers at top of interval parallel to contact alpha angle (~30dtca); no sig min or alt; sharp lower contact measured at a30 b354								
224.67	226.55	(AMP) Amphibolite, ()	D63911	224.67	225.5	0.83	0.019	AGAT_FAICP		
		Grey-green; fmg; weak silicification; well-foliated defined by fmg AMP measured at ~40-45dtca lclly; no significant mineralization; diffuse/inferred lower contact with AMPIN measured with alpha 45dtca	D63913	225.5	226.55	1.05	0.004	AGAT_FAICP		
226.55	230.41	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D63914	226.55	227.5	0.95	0.001	AGAT_FAICP		
		Grey-green; fmg; weak-moderate silicification; moderately foliated defined by fmg AMP; few structural features present (namely many F1 fold axes) with one well-defined FOD-AX1 at 228.62m plunging 24dtca towards 206 with plane measured with a55 b286; few mm-cm scale QZ-CB stringers show trace amts of POT alt as halos; no significant mineralization observed	D63915	227.5	228.5	1	0.0005	AGAT_FAICP		
			D63916	228.5	229.5	1	0.0005	AGAT_FAICP		
			D63917	229.5	230.41	0.91	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
230.41	234.34	(AMP) Amphibolite, ()	D63919	230.41	231.4	0.99	0.0005	AGAT_FAICP		
		Grey-green; fmg; weakly silicified; moderately-strongly foliated throughout with measurement taken at 231.63m with a40 b284; increase in AMP content compared to previous intermediate unit; trace 0.25% fg dissem subrounded to rounded PF towards lower contact; no sig min; sharp lower contact measured at a67 b278	D63920	231.4	232.4	1	0.006	AGAT_FAICP		
			D63921	232.4	233.4	1	0.01	AGAT_FAICP		
			D63922	233.4	234.34	0.94	0.0005	AGAT_FAICP		
234.34	234.91	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D63923	234.34	234.91	0.57	0.0005	AGAT_FAICP		
		Pink-grey to black; fcg; 10% fmg dissem to patchy/AGR BIO entrained in vein material defining overall PEG texture; trace amounts of patchy/spotty CL alteration vein-hosted; trace fg dissem PY min vein-hosted along margins/selvages of BIO and KF; sharp lower contact measured at a65 b360								
234.91	236.20	(AMP) Amphibolite, ()	D63924	234.91	236.2	1.29	0.0005	AGAT_FAICP		
		Grey-green; fmg; moderately silicified; weakly banded at top of interval ~20cm downhole from upper contact; moderately foliated defined by fmg AMP and BIO measured at ~45dtca with banding concordant with overall foliation; small FGS sliver from 235.69-235.80m hosting no significant mineralization discordant with overall foliation; diffuse lower contact with FGS unit								
236.20	236.80	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D63925	236.2	236.8	0.6	0.0005	AGAT_FAICP		
		Grey to dark grey to pinkish-grey; fmg; moderately silicified; 10-12% fmg dissem BIO; 1 micro-lamp at 236.39-236.44m with upper and lower contact angles a35 b360; no sig min; sharp lower contact with PEGQG at a57 b283								
236.80	237.11	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D63927	236.8	237.11	0.31	0.0005	AGAT_FAICP		
		Pinkish-grey to white; fcg; moderately developed PEG texture defined by 3-5% fmg dissem to patchy BIO min; trace amts of patchy/spotty CL entrained in vein material; sharp lower contact with FGS								
237.11	237.65	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D63928	237.11	237.65	0.54	0.0005	AGAT_FAICP		
		Pink-grey; fmg; moderately silicified and moderately siliceous defined by 20% Qz-rich QZ-PEG stringers; weak wispy SER alt lclly; no sig min; last 8cm of interval composed of POT altered PEGGR; lower contact sharp with UMD at a30 b34								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
237.65	238.00	(UMD) UMLAMP Dike, () Dark brown; fg; moderate CL alt halos on upper and lower flanks of contacts; no sig min or veining; sharp lower contact measured at a30 b16	D63929	237.65	238	0.35	0.0005	AGAT_FAICP		
238.00	238.38	(FGS) Felsic Gneiss Sedimentary, () Grey; fg; moderate silicification; weak-mod pervasive POT and SER alt; no sig min; sharp lower contact with AMPUM at a66 b318	D63930	238	238.38	0.38	0.003	AGAT_FAICP		
238.38	239.30	(AMP) Amphibolite, (AMPUM) Ultramafic Amphibolite Dark green; fmg; clotty-textured; increase in BIO compared to other AMP intervals up to 15-17%; no sig min; sharp lower contact with FGSBI (no lines on core to grab contact angles)	D63931	238.38	239.3	0.92	0.013	AGAT_FAICP		
239.30	241.23	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone Dark grey; fmg; moderately silicified; moderately banded defined by cm-scale QZ-CB stringers parallel to overall foliation measured at ~65dtca; lower half of interval sees moderate increase in AMP content to near AMPIN territory (possible AMPIN interval but 10-12% BIO define FGSBI); no sig min; weak lower contact defined by decrease in BIO and AMP	D63933	239.3	240.3	1	0.0005	AGAT_FAICP		
			D63934	240.3	241.23	0.93	0.0005	AGAT_FAICP		
241.23	243.21	(FGS) Felsic Gneiss Sedimentary, () Grey to dark grey to reddish-grey; fmg; weakly silicified; moderately banded defined by folded/ptygmatic QZ-CB-FSP stringers throughout; weak-moderate increase in POT alt towards end of interval with last 30cm showing strong POT alt; minor PEGGR slivers lclly hosting no sig min with well-developed PEG texture defined by BIO entrained in vein matrix; lower contact diffuse with PEGGR (no lines on core to obtain beta angles)	D63935	241.23	242.2	0.97	0.002	AGAT_FAICP		
			D63936	242.2	243.21	1.01	0.0005	AGAT_FAICP		
243.21	243.60	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Pinkish-grey to reddish-pink to white; fcg; melt-textured PEG with weak-moderate PGM texture defined by mcg dissem BIO; diffuse lower contact with FGS; no sig min	D63937	243.21	243.6	0.39	0.0005	AGAT_FAICP		
243.60	244.16	(FGS) Felsic Gneiss Sedimentary, () Grey to reddish-pink-grey; fmg; moderately silicified; cm-scale QZ-CB stringers define trace bnd texture; increase in POT alt downhole (strong lclly; weak-moderate overall); no sig min; diffuse lower contact with PEGGR	D63939	243.6	244.16	0.56	0.0005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
244.16	244.53	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D63940	244.16	244.53	0.37	0.0005	AGAT_FAICP		
<p>Grey to pinkish-grey; fcg; moderate melt-texture and moderate-peg texture defined by cg KF and PF and 4-5% fmg dissem BIO; no sig min; sharp lower contact measured with alpha 65dtca (no lines on core to grab beta angle)</p>										
244.53	250.86	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D63941	244.53	245.5	0.97	0.0005	AGAT_FAICP		
<p>Dark grey to grey; fmg; weak-moderate silicification; weak SER alt as halos around BND-defining QZ-CB-FSP stringers/veinlets; minor POT alt halos around aforementioned stringers; foliation moderate-strong measured at 248.38m with a60 b280; possibly AMPIN due to higher than normal concentration of AMP in BIO-rich FGS; 6-8% fmg AMP and 13-15% fmg dissem BIO define overall foliation; stringers/veinlets lclly show good F1 fold features with FOD-AX1 measured at 246.52m plunging 41dtca towards 263 with plane of fold measured at a30 b260; moderately defined lower contact with AMP measured at a55 b360</p>										
			D63942	245.5	246.5	1	0.002	AGAT_FAICP		
			D63943	246.5	247.5	1	0.001	AGAT_FAICP		
			D63944	247.5	248.5	1	0.002	AGAT_FAICP		
			D63945	248.5	249.5	1	0.0005	AGAT_FAICP		
			D63947	249.5	250.86	1.36	0.0005	AGAT_FAICP		
250.86	254.30	(AMP) Amphibolite, ()	D63948	250.86	252	1.14	0.0005	AGAT_FAICP		
<p>Dark green; fmg; moderately silicified; weak-moderate RIE alteration increases and decreases throughout interval with typical blueish-hue to areas with RIE alt; lcl strong POT and SER alteration veins; no sig min or veining; moderate lower contact with PF-rich AMPIN</p>										
			D63949	252	253	1	0.006	AGAT_FAICP		
			D63950	253	254.3	1.3	0.006	AGAT_FAICP		
254.30	255.23	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D63951	254.3	255.23	0.93	0.004	AGAT_FAICP		
<p>Green to greyish-green to pale reddish-green; fmg; moderately silicified; weak-moderate POT staining to fg dissem subrounded to subhedral PF (4-5% overall); moderate foliation defined by aforementioned PF and weak-moderate RIE alt measured at ~50dtca; tr sillimanite lclly; no sig min; moderate lower contact measured at a65 b310</p>										
255.23	257.06	(AMP) Amphibolite, ()	D63953	255.23	256.23	1	0.112	AGAT_FAICP		
<p>Dark green to brownish-green; fmg; moderately silicified; weak patchy CL alt; moderate-strong patchy RIE alt defined by blueish hue; 8-10% root-beer brown BIO (phlogopite?) defines brownish hue to unit and moderate foliation at ~60dtca; trace amts of greenish-yellow CCP</p>										
			D63954	256.23	257.06	0.83	0.008	AGAT_FAICP		
257.06	258.33	(PEG, AMP) Pegmatite, Amphibolite, (PEGGR) Granitic Pegmatite (<50% quartz)	D63955	257.06	258.33	1.27	0.0005	AGAT_FAICP		
<p>Split interval composed of 60% PEGGR 30% AMP and 10% UMD; units cut parallel to core axis with bottom 2/3 of core PEGGR and top 1/3 AMP and LAMP; strong BX texture to PEG unit; drill appears to have cut this section parallel to contacts between PEG AMP and UMD; no significant mineralization; sharp lower contact with UMD at a50 b301</p>										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
258.33	258.75	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D63956	258.33	258.75	0.42	0.002	AGAT_FAICP		Grey to almost blueish-grey; vffg; no sig min; no sig alt or veining; sharp lower contact measured at a60 b282
258.75	259.93	(AMP) Amphibolite, (AMPUM) Ultramafic Amphibolite	D63957	258.75	259.93	1.18	0.001	AGAT_FAICP		Very dark green to near black; fmg; moderately silicified; moderate patchy CL alt; ultramafic amphibolite with mg amphiboles disseminated lclly; 5-7% (overall) BIO define weak-moderate foliation towards end of interval; 2cm KF-dominant PEGGR stringer ends interval and defines sharp lower contact with AMP measured at a61 b345
259.93	266.50	(AMP) Amphibolite, ()	D63959	259.93	261	1.07	0.003	AGAT_FAICP		Dark to light green to dk grey-green; localized intervals of varying grai size; weak-moderate silicification; 5-7% fmg BIO define weak foliation and give brownish-green colouration to unit; weak banded texture defined by cm-scale QZ stringers parallel to foliation showing moderate POT and SER alt halos; one QV2 veinlet discordant with foliation from 263.4-263.5 with KF lining vein margins with wall-rock; minor 1% fg dissem rounded/subrounded salty-textured PLAG disseminated towards lower contact; lcl AGR GRT 1% overall 5-7% lclly; one small LAMP dyke at 265.37-265.41m with upper and lower contact measured at a40 b72; no sig min; sharp lower contact with UMD measured at a45 b344
			D63960	261	262	1	0.002	AGAT_FAICP		
			D63961	262	263	1	0.001	AGAT_FAICP		
			D63962	263	264	1	0.0005	AGAT_FAICP		
			D63963	264	265	1	0.003	AGAT_FAICP		
			D63964	265	266	1	0.012	AGAT_FAICP		
			D63965	266	266.5	0.5	0.002	AGAT_FAICP		
266.50	266.90	(UMD) UMLAMP Dike, ()	D63967	266.5	266.9	0.4	0.0005	AGAT_FAICP		Light-brown to greenish-olive brown; fmg; no sig min or alt; sharp upper and lower contacts measured at a45 b344
266.90	270.48	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D63968	266.9	268	1.1	0.001	AGAT_FAICP		Dark grey to grey-green; fmg; moderately silicified; weak-moderate SER+POT halos around few mm-cm scale QZ-CB-FSP stringers included in interval; moderately sheared/foliated measured at 270.11m with fol/shr angles a45 b278; intermediate nature defined by 3-4% fg dissem/agr PF at top of interval and moderately siliceous nature to whole unit with higher 7-9% fmg BIO lclly defining foliation; no sig min; tr fg dissem GRT
			D63969	268	269	1	0.0005	AGAT_FAICP		
			D63970	269	270	1	0.0005	AGAT_FAICP		
			D63971	270	270.48	0.48	0.005	AGAT_FAICP		
270.48	271.45	(AMP) Amphibolite, ()	D63973	270.48	271.45	0.97	0.004	AGAT_FAICP		Green to grey-green; fmg; moderately silicified; no sig veining or mineralization; few cm-scale QZ-CB stringers cut unit at ~45dtca with lcl stringers showing ptygmatic habit; moderately defined lower contact with FGSBI measured at a40 b285

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
271.45	272.48	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D63974	271.45	272.48	1.03	0.003	AGAT_FAICP		Grey to dark grey; fmg; moderate-strong silicification; weak-moderate BND texture defined by QZ-CB stringers hosting 4-5% mcg AMP; strongly foliated measured at a45 b286 lclly; trace vffg dissem PY min; 10% fmg BIO; moderate lower contact with AMP measured at a45 b276
272.48	278.00	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D63975	272.48	273.44	0.96	0.004	AGAT_FAICP		Green to grey-green to dark green; fmg; moderately silicified; no significant or dominant texture defined; moderately massive throughout; few cm-scale QZ-CB stringers cut unit at random orientations/intervals; no sig veining otherwise; trace amts of fmg dissem CP and PY
			D63976	273.44	274.5	1.06	0.002	AGAT_FAICP		
			D63977	274.5	275.5	1	0.002	AGAT_FAICP		
			D63979	275.5	276.5	1	0.002	AGAT_FAICP		
			D63980	276.5	278	1.5	0.005	AGAT_FAICP		
278.00	279.86	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D63981	278	279	1	0.004	AGAT_FAICP		Dark grey to grey; fmg; moderately silicified with weak SER alt halos around mm-cm scale QZ-CB stringers; unit weakly foliated measured at ~55dtca; wispy to pygmatic-style QZ-CB veining throughout; no good F1/F2 fold features observed; 2% vffg dissem PY min throughout with bulk of mineralization occurring towards middle and end of interval; upper contact inferred and lower contact moderate measured at a38 b304
			D63982	279	279.86	0.86	0.004	AGAT_FAICP		
279.86	284.02	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D63983	279.86	281	1.14	0.002	AGAT_FAICP		Dark green to grey; fmg; moderately silicified; banded texture defined by moderate POT alteration halos/bands; wispy pygmatic QZ-CB stringers cut unit throughout at random intervals/orientations to core axis; no significant mineralization
			D63984	281	282	1	0.003	AGAT_FAICP		
			D63985	282	283	1	0.002	AGAT_FAICP		
			D63987	283	284.02	1.02	0.002	AGAT_FAICP		
284.02	285.18	(FGS) Felsic Gneiss Sedimentary, ()	D63988	284.02	285.18	1.16	0.017	AGAT_FAICP		Grey to dark grey; fmg; moderately silicified and moderately siliceous with moderate-strong foliation measured at 40-45dtca lpha; no sig min; moderate lower contact with AMPIN measured at a43 b300
285.18	298.03	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D63989	285.18	286	0.82	0.003	AGAT_FAICP		Grey to green; fmg; weak silica overprinting; strongly foliated defined by fmg AMP and BIO measured at 291.44m with a35 b284; 2 minor 8-12cm QV2 veinlets discordant with foliation at 288.92-288.03 and again at 285.50-285.60m discordant with foliation; few mm-cm scale low angle frac-fill QZ-CB stringers showing weak-moderate POT and SER alt; minor FGS sliver from 290.35-290.60m with upper contact a40 b282 and lower contact a36 b276; one
			D63990	286	287	1	0.002	AGAT_FAICP		
			D63991	287	288	1	0.002	AGAT_FAICP		
			D63993	288	289	1	0.002	AGAT_FAICP		
			D63994	289	290.3	1.3	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
FOD-AX1 measured at 296.16m plunging 12dca towards 182 with axis measured with a25 b306; trace amts of vffg dissem PY lclly; no sig min or veining otherwise; sharp lower contact with PEG measured at a34 b286			D63995	290.3	290.65	0.35	0.003	AGAT_FAICP		
			D64608	297	298.03	1.03	0.002	AGAT_FAICP		
			D63996	290.65	292	1.35	0.002	AGAT_FAICP		
			D63997	292	293	1	0.002	AGAT_FAICP		
			D63999	293	294	1	0.002	AGAT_FAICP		
			D64000	294	295.03	1.03	0.008	AGAT_FAICP		
			D64605	295.03	296	0.97	0.003	AGAT_FAICP		
			D64607	296	297	1	0.002	AGAT_FAICP		
298.03	302.08	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D64609	298.03	299	0.97	0.002	AGAT_FAICP		
Pink to grey to white to smokey-grey; mcg; PEG-texture defined by 3-5% mg dissem to patchy BIO; siliceous modifier mod-strong defined by last 60cm of interval which is composed of smokey-grey siliceous QV1-like material with cvcg anhedral to subhedral KF entrained in vein material; no sig min; sharp lower contact with UMD			D64610	299	300	1	0.002	AGAT_FAICP		
			D64611	300	301.4	1.4	0.002	AGAT_FAICP		
			D64613	301.4	302.08	0.68	0.002	AGAT_FAICP		
302.08	303.05	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D64614	302.08	303.05	0.97	0.002	AGAT_FAICP		
Brown; fmg; no sig min or alt; fmg angular to rounded CB "xenoliths" entrained in UMD matrix; upper and lower contacts show strong CL alteration halos; lower contact sharp measured at a30 b345										
303.05	304.50	(PEG, AMP) Pegmatite, Amphibolite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D64615	303.05	304.5	1.45	0.002	AGAT_FAICP		
Split 50/50 interval composd of PEG-texture QZ-rich PEG and intermediate AMP; AMP shows moderate patchy RIE alteration; PEG texture defined by 2-3% mg dissem/patchy BIO entrained in vein material; no sig min										
304.50	312.20	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D64616	304.5	306	1.5	0.004	AGAT_FAICP		
Grey-green; fmg; moderately silicified and weakly siliceous nature to interval defined by 8-10% QZ-FSP-CG stringers and PEG veins/veinlets; one larger PEGQG veinlet discordant with foliation at 309.61-309.78m hosting no sig min; unit encroaching on AMPG territory with mg AMP defining overall foliation but phenocrysts are poorly developed; FOL measured at 311.23m with a26 b266; no sig min; sharp lower contact with PEGGR measured with a42 b265			D64617	306	307	1	0.002	AGAT_FAICP		
			D64619	307	308	1	0.003	AGAT_FAICP		
			D64620	308	309.4	1.4	0.002	AGAT_FAICP		
			D64621	309.4	310	0.6	0.002	AGAT_FAICP		
			D64622	310	311	1	0.003	AGAT_FAICP		
			D64623	311	312.2	1.2	0.002	AGAT_FAICP		
312.20	313.50	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50%								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		quartz) Light/dark green and pink to greyish-white; fmg; strong melt-texture defined by melting of grain boundaries; elongate QZ stringers cut unit lclly; 3-5% mg dissem to acicular BIO entrained in vein material; trace musc vein-hosted; no sig min; sharp lower contact measured at a40 b14	D64624	312.2	313.5	1.3	0.002	AGAT_FAICP		
313.50	314.70	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) Grey-green; fmg; moderately silicified; no sig min or veining; few mm-scale QZ-CB stringers cut unit discordant to overall foliation showing weak-moderate SER-POT alt halos	D64625	313.5	314.7	1.2	0.002	AGAT_FAICP		
314.70	316.06	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Dark/light green and pink to grey-white; fmg; well-developed melt-texture defined by amorphous feldspars with no defined boundaries; 2-3% fmg dissem BIO; no sig min; upper contact inferred due to boudinaged nature of PEG vein parallel to core axis; sharp lower contact measured at a27 b310	D64627	314.7	316.06	1.36	0.002	AGAT_FAICP		
316.06	320.28	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) Grey-green; fmg; moderately silicified; strongly foliated at 45dtca beta angle measured at 274; few cm-scale QZ-CB stringers cut unit generally concordant with overall foliation; stringers are siliceous and qz-flooded with minor 3-4% aMP entrained in vein material lclly; no sig min str-hosted or lith-hosted; minor 0.5-1.0% fg dissem rounded plag grains towards end of interval	D64628	316.06	317	0.94	0.002	AGAT_FAICP		
			D64629	317	318	1	0.002	AGAT_FAICP		
			D64630	318	319	1	0.002	AGAT_FAICP		
			D64631	319	320.28	1.28	0.004	AGAT_FAICP		
320.28	320.64	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Dark brown; fmg; no sig min or alt; sharp upper and lower contacts measured at a56 b360 and a48 b345	D64633	320.28	320.64	0.36	0.004	AGAT_FAICP		
320.64	326.32	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) Grey-green; fmg; moderately silicified; weakly siliceous; strong foliation defined by fmg AMP encroaching on AMPG territory but clasts are poorly formed and stretched parallel to foliation plane measured at 322.75m with a30 b270; siliceous/QZ-flooded stringers with minor light-green CPX and white-pink anhedral to subhedral patchy plag 324-325.5m; no sig min	D64634	320.64	322	1.36	0.003	AGAT_FAICP		
			D64635	322	323	1	0.007	AGAT_FAICP		
			D64636	323	324	1	0.005	AGAT_FAICP		
			D64637	324	325	1	0.008	AGAT_FAICP		
			D64639	325	326.3	1.3	0.003	AGAT_FAICP		
326.32	326.57	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D64640	326.3	326.6	0.3	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
Green to brownish-green; fg; no sig min or alt; sharp contacts measured at a50 b351 and lower cntct a52 b351										
326.57	357.45	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D64641	326.6	328	1.4	0.004	AGAT_FAICP		
Grey-green; fmg; weak-moderately silicified; weak-moderate PAT/HALO alt lith-hosted and QZ-CB stringers discordant with overall foliation measured at 336.39 with a35 b297; clotty-texture defined by felsic background and contorted lclly composite FS0/FS1 foliation; unit borderline FGS due to lower AMP content than typical AMPIN but also approaching AMPG textural territory defined by mg AMP entrained in felsic-dominant matrix; several wispy/ptygmatic QZ-CB stringers cut unit at irregular angles/orientation to core axis; 347.00-347.20m shows 0% RQD (frac/fault); inferred lower contact with PEGGR due to contact occuring on break of core (no lines on core at lower contact depth) no significant mineralization throughout entire interval										
			D64642	328	329.1	1.1	0.018	AGAT_FAICP		
			D64643	329.1	330	0.9	0.023	AGAT_FAICP		
			D64644	330	331	1	0.012	AGAT_FAICP		
			D64645	331	332	1	0.004	AGAT_FAICP		
			D64647	332	333	1	0.004	AGAT_FAICP		
			D64676	356	357	1	0.005	AGAT_FAICP		
			D64677	357	357.45	0.45	0.028	AGAT_FAICP		
			D64669	350	351	1	0.005	AGAT_FAICP		
			D64670	351	352	1	0.004	AGAT_FAICP		
			D64671	352	353	1	0.001	AGAT_FAICP		
			D64673	353	354	1	0.004	AGAT_FAICP		
			D64674	354	355	1	0.004	AGAT_FAICP		
			D64675	355	356	1	0.009	AGAT_FAICP		
			D64662	344	345	1	0.002	AGAT_FAICP		
			D64663	345	346	1	0.002	AGAT_FAICP		
			D64664	346	347	1	0.002	AGAT_FAICP		
			D64665	347	348	1	0.013	AGAT_FAICP		
			D64667	348	349	1	0.049	AGAT_FAICP		
			D64668	349	350	1	0.007	AGAT_FAICP		
			D64655	339	340	1	0.004	AGAT_FAICP		
			D64656	340	341	1	0.004	AGAT_FAICP		
			D64657	341	342	1	0.016	AGAT_FAICP		
			D64659	342	342.3	0.3	0.008	AGAT_FAICP		
			D64660	342.3	343	0.7	0.006	AGAT_FAICP		
			D64661	343	344	1	0.009	AGAT_FAICP		
			D64648	333	334	1	0.006	AGAT_FAICP		
			D64649	334	335	1	0.013	AGAT_FAICP		
			D64650	335	336	1	0.004	AGAT_FAICP		
			D64651	336	337	1	0.021	AGAT_FAICP		
			D64653	337	338	1	0.014	AGAT_FAICP		
			D64654	338	339	1	0.004	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
357.45	358.05	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D64679	357.45	358.05	0.6	0.005	AGAT_FAICP		Pink to white; mcg; unit composed of 80% mcg reddish-pink KF and 20% QZ/PF; no sig min; 4-5% patchy BIO define weak PEG texture; no sig min; sharp lower contact subvertical tca 9no lines on core to obtain beta angle)
358.05	360.25	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D64680	358.05	359	0.95	0.009	AGAT_FAICP		Grey-green; fmg; no sig min or alt; moderately foliated; inferred lower contact similar to above PEG unit due to contact occurring along break in core
			D64681	359	360.25	1.25	0.003	AGAT_FAICP		
360.25	360.67	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D64682	360.25	360.67	0.42	0.0005	AGAT_FAICP		Pink to white; mcg; weak-melt texture defined by amorphous KF; 70-30% split feldspars-QZ; no sig min; sharp lower contact measured at ~26dtca (no lines to grab beta)
360.67	362.62	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D64683	360.67	362	1.33	0.014	AGAT_FAICP		Grey-green; fmg; weakly silicified; lclly siliceous; lcl patchy moderate-strong POT alteration; weak POT-sER alt halos around m-cm scale QZ-CB stringers; lower contact sharp with UMD at ~40dtca (no lines on core to obtain beta angle)
			D64684	362	362.62	0.62	0.035	AGAT_FAICP		
362.62	363.00	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D64685	362.62	363	0.38	0.006	AGAT_FAICP		Brown to olive-green/brown; fg; no significant alteration or veining; no sig min; EOH=363m

Hole ID : RD19-00017

Project : Borden

Drilling Details :

Azimuth : 173
 Dip : -46
 Length : 351
 Drill Start : 5-Aug-2019
 Drill Completed : 9-Aug-2019
 Core Size : NQ
 Drill Company : Major
 Oriented Core : No

Location Details :

Easting : 338655
 Northing : 5303339
 Elevation : 433
 UTM Grid : NAD83_UTMZ17N_GPS
 Township : Borden
 Storage Location : Chapleau Ont

Logging Details :

Logged By : Tyler.Compton
 Logged By 2 : Alex.Jibb
 Log Start : 13-Aug-2019
 Log Completed : 18-Aug-2019
 Re-Logged By :
 Re-Log Start :
 Re-Log Completed :

Comments :

GPS coordinates updated using Garmin hand-held. Rig was on collar location at time of survey. Will have to be updated after rig has been moved. AJ logged 35m-EOH starting Aug 14 2019.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	3.00	(OB) Overburden, ()								
		Poor recovery.	D73376	0	1	1	0.007	AGAT_FAICP		
			D73377	1	2	1	0.005	AGAT_FAICP		
			D73379	2	3	1	0.049	AGAT_FAICP		
3.00	34.65	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)								
		AMP IN exhibiting varying texture: predominantly banded (mm to cm scale <3cm; likely reflecting primary bedding composition); occasional m scale segments comprising 10-30% coarse red garnet; mm to cm scale xls and aggs aligned with foliation; xls exhibit moderate flattening parallel to foliation. ~3% qz veining; cm scale <5cm; foliation concordant. Bedding/banding and veining occasionally exhibit well defined boudinage. No vis sulfs or alteration.	D73380	3	4	1	0.005	AGAT_FAICP		
			D73381	4	5	1	0.005	AGAT_FAICP		
			D73382	5	6	1	0.003	AGAT_FAICP		
			D73411	28	29	1	0.006	AGAT_FAICP		
			D73413	29	30	1	0.005	AGAT_FAICP		
			D73414	30	31	1	0.003	AGAT_FAICP		
			D73415	31	32.5	1.5	0.003	AGAT_FAICP		
			D73416	32.5	33.45	0.95	0.004	AGAT_FAICP		
			D73417	33.45	34.65	1.2	0.007	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D73404	22	23	1	0.005	AGAT_FAICP		
			D73405	23	24	1	0.003	AGAT_FAICP		
			D73407	24	25	1	0.005	AGAT_FAICP		
			D73408	25	26	1	0.004	AGAT_FAICP		
			D73409	26	27	1	0.004	AGAT_FAICP		
			D73410	27	28	1	0.005	AGAT_FAICP		
			D73397	17	18.12	1.12	0.003	AGAT_FAICP		
			D73399	18.12	19	0.88	0.001	AGAT_FAICP		
			D73400	19	19.55	0.55	0.013	AGAT_FAICP		
			D73401	19.55	20.25	0.7	0.007	AGAT_FAICP		
			D73402	20.25	21	0.75	0.004	AGAT_FAICP		
			D73403	21	22	1	0.011	AGAT_FAICP		
			D73390	12	13	1	0.017	AGAT_FAICP		
			D73391	13	14	1	0.003	AGAT_FAICP		
			D73393	14	14.7	0.7	0.003	AGAT_FAICP		
			D73394	14.7	15.25	0.55	0.003	AGAT_FAICP		
			D73395	15.25	16	0.75	0.001	AGAT_FAICP		
			D73396	16	17	1	0.002	AGAT_FAICP		
			D73383	6	7	1	0.003	AGAT_FAICP		
			D73384	7	8	1	0.003	AGAT_FAICP		
			D73385	8	9	1	0.004	AGAT_FAICP		
			D73387	9	10	1	0.005	AGAT_FAICP		
			D73388	10	11	1	0.005	AGAT_FAICP		
			D73389	11	12	1	0.007	AGAT_FAICP		
34.65	35.10	(QV) Quartz Vein, (QZVT2) Massive quartz vein	D73419	34.65	35.1	0.45	0.001	AGAT_FAICP		
		White to milky/opaque-white; fmg; no sig min or alteration; moderately defined upper contact measured with a55 b335 and lower contact a57 b330								
35.10	37.40	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D73420	35.1	36	0.9	0.004	AGAT_FAICP		
		Grey-green; fmg; weak-moderately silica overprinted; strong banding defined by repetitious sequence of green AMP and grey-green less amp-rich AMP and QZ-CB stringers; foliation strong measured at 36.28m with a41 b340; no significant minerlaization; gradational lower contact measured by increase in felsic background and GRT abundance	D73421	36	37.4	1.4	0.006	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
37.40	39.00	(AMP) Amphibolite, ()	D73422	37.4	38.5	1.1	0.004	AGAT_FAICP		
		Grey-green; weak-moderate silicification; weak-moderate patchy lcl CARB and CL alteration; texturally and mineralogically unique from upper AMPIN defined by 20-25% cvcg POB to elongated (stretched along FOL plane) GRT throughout; FOL measured at a45 b340 defined by AMP banding; moderately banded; minor CB stringers; no sig min; sharp lower contact with UMD measured at a77 b330	D73423	38.5	39	0.5	0.003	AGAT_FAICP		
39.00	39.50	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D73424	39	39.5	0.5	0.002	AGAT_FAICP		
		Dark brown; fmg; no sig min or alt; fmg anhedral to subrounded CARB xenoliths entrained in BIO-dominant matrix; few mm-scale CB stringers parallel to lower-contact angle; lower contact measured at a17 b310								
39.50	40.40	(AMP) Amphibolite, ()	D73425	39.5	40.4	0.9	0.002	AGAT_FAICP		
		Grey-green; fcg to cvcg; trace/weak silicification; weak patchy CL alteration lclly defines moderate bnd texture in conjunction with CB-stringers and felsic-rich amp banding; dominant POB texture defined by 25-30% cvcg GRT lclly elongated along fol plane (no cigar-shaped elongate features to grab L1 measurement); no significant mineralization; sharp lower contact with UMD measured at a47 b330								
40.40	41.65	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D73427	40.4	41.65	1.25	0.003	AGAT_FAICP		
		Dark brown; fmg; no sig alt; weak-moderate POR texture defined by angular moderately-formed anhedral to subhedral CB and FSP xenoliths entrained in BIO-dominant matrix; moderately magnetic; no sig min								
41.65	41.95	(AMP) Amphibolite, ()	D73428	41.65	42.15	0.5	0.012	AGAT_FAICP		
		Green to dark green; fcg; moderate silicification; weak patchy CL alt; POB texture defined by 25-30% cvcg GRT; strong foliation measured at ~40dtca; no sig min; inferred lower contact with AMPIN drawn due to decrease in abundance of GRT								
41.95	43.07	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D73429	42.15	43.07	0.92	0.005	AGAT_FAICP		
		Grey-green; fmg; mod silicification; trace patchy BND CL alt; light-green CPX and AMP and QZ-CB stringers define overall banded texture and subsequent foliation measured at ~45dtca; trace amts of mcg GRT towards lower inferred contact with GRT-dominant AMP								
43.07	43.45	(AMP) Amphibolite, ()	D73430	43.07	43.5	0.43	0.006	AGAT_FAICP		
		Dark green to grey; fcg to vcg; moderately silicified; weak/trace patchy CL; 30% cvcg POB to elongate GRT define overall texture and show subseuent foliation defined by AMP/GRT and CB stringers; trace fg PY min hosted along GRT mineral selvages								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
43.45	50.07	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) Grey-green; fmg to lclly cg; weak silica overprinting; lcl trace/weak patchy CL alt; moderate lcl POT/SER BND alteration and lclly around mm-scale fol-defining CB stringers; foliation mod-strongly defined measured at 45dtca; 1% cg GRT lclly showing sinistral strain-shadows appear towards lower contact; no significant mineralization	D73431	43.5	44.5	1	0.005	AGAT_FAICP		
			D73433	44.5	45.5	1	0.01	AGAT_FAICP		
			D73434	45.5	46.5	1	0.012	AGAT_FAICP		
			D73435	46.5	47.5	1	0.01	AGAT_FAICP		
			D73436	47.5	48.5	1	0.028	AGAT_FAICP		
			D73437	48.5	49.5	1	0.028	AGAT_FAICP		
			D73439	49.5	50.07	0.57	0.008	AGAT_FAICP		
50.07	53.70	(AMP) Amphibolite, () Beige to greyish-beige to sercite-brown; fmg; strong pervasive silification and mod-strong pervasive SER alteration throughout lclly defining clotty texture; dominant melt-texture defined by 'homogenization' of AMP-rich and felsic units (FGSBI/GB); lcl QV1-like sections show strong flooding and increase to lclly 5-7% fmg wispy/patchy PY min; 1% fmg wispy/patchy PO min; 4-5% fcg dissem MUSC overall; 1 small ext QZV hosting CG strained grey QZ and cg BIO from 52.53-52.67m (no sig min); sharp lower contact with UMD-LAMPD measured at a25 b322	D73440	50.07	51	0.93	0.026	AGAT_FAICP		
			D73441	51	52	1	0.041	AGAT_FAICP		
			D73442	52	53	1	0.026	AGAT_FAICP		
			D73443	53	53.7	0.7	0.026	AGAT_FAICP		
53.70	54.95	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Dark brown; vffg; no sig alt or veining; no sig min; sharp upper and lower contacts measured respectively at a35 b322 and a25 b303	D73444	53.7	54.97	1.27	0.002	AGAT_FAICP		
54.95	63.84	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone Beige to greyish-beige to dark grey; fmg to lclly cg; moderate-strong pervasive silification and moderate-strong patchy SER alteration; lcl increase in moderate STI from top of interval to ~58.70m defined by increase in background QZ/PF; few cm-scale PEGQZ veinlets hosting no sig min throughout interval; FOL mod-strong measured at 57.11m with a37 b338; 1 micro-UMD at 59.79-59.82m with a40 b340 on both upper and lower contact; minor 0.25-0.50% fg dissem background PY throughout; no AGR sulphide min	D73445	54.97	56	1.03	0.009	AGAT_FAICP		
			D73447	56	57	1	0.02	AGAT_FAICP		
			D73448	57	58	1	0.008	AGAT_FAICP		
			D73449	58	59	1	0.003	AGAT_FAICP		
			D73450	59	60	1	0.001	AGAT_FAICP		
			D73451	60	61	1	0.007	AGAT_FAICP		
			D73453	61	62	1	0.002	AGAT_FAICP		
			D73455	63	63.84	0.84	0.014	AGAT_FAICP		
63.84	64.30	(FGS) Felsic Gneiss Sedimentary, () Lt brown to pale reddish-pink; intense SER alteration (basically replacement) to FGS interval; minor POT alteration around few mm-scale QZ-CB stringers; strongly foliated at 60dtca (no lines on core); no sig min; sharp upper and lower contacts	D73456	63.84	64.3	0.46	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
64.30	83.87	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone Dark to light grey; fcg; moderate silicification; weak-moderate patchy SER alt; banded-textured weak-moderate POT alt lclly; texture weakly defined by 2-3% fcg GRT with modifier QZE moderately developed defined by subrounded to subhedral mm-scale QZ phenocrysts; lcl poorly developed QZE textures; 79-82.5 shows a weak DIO fabric defined by bio-rimming of texture defining QZ phenocrysts; no sharp contacts to indicate this is an intrusive unit; 2-3% fmg dissem background MUSC throughout unit; 0.25% to lclly 1% wispy/disseminated SILL min parallel to weakly-defined foliation; foliation measured lclly at 80.73m with a43 b354; few melt-textured PEGQG pods/xenoliths entrained in host FGS lclly in minor abundances; no significant mineralization observed	D73457	64.3	65	0.7	0.0005	AGAT_FAICP		
			D73459	65	66	1	0.0005	AGAT_FAICP		
			D73460	66	67	1	0.002	AGAT_FAICP		
			D73461	67	68	1	0.001	AGAT_FAICP		
			D73462	68	69	1	0.001	AGAT_FAICP		
			D73463	69	70	1	0.001	AGAT_FAICP		
			D73479	82	83	1	0.002	AGAT_FAICP		
			D73480	83	83.87	0.87	0.002	AGAT_FAICP		
			D73471	76	77	1	0.004	AGAT_FAICP		
			D73473	77	78	1	0.002	AGAT_FAICP		
			D73474	78	79	1	0.007	AGAT_FAICP		
			D73475	79	80	1	0.004	AGAT_FAICP		
			D73476	80	81	1	0.005	AGAT_FAICP		
			D73477	81	82	1	0.002	AGAT_FAICP		
			D73464	70	71	1	0.001	AGAT_FAICP		
			D73465	71	72	1	0.003	AGAT_FAICP		
			D73467	72	73	1	0.001	AGAT_FAICP		
			D73468	73	74	1	0.002	AGAT_FAICP		
			D73469	74	75	1	0.002	AGAT_FAICP		
			D73470	75	76	1	0.003	AGAT_FAICP		
83.87	85.66	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) Green to dark green; fmg; weak patchy CL alt; one cm-scale barren white QV concordant with overall foliation measured at 45dtca (no lines on core to grab beta); 2% mg POB/DIS GRT throughout; banding defined by light and dark green AMP/CPX layering; no significant mineralization; moderate lower contact with altered FGS	D73481	83.87	85	1.13	0.008	AGAT_FAICP		
			D73482	85	85.66	0.66	0.004	AGAT_FAICP		
85.66	86.24	(FGS) Felsic Gneiss Sedimentary, () Beige; fmg; strong silicification and serecization to unit; weak patchy CL alt; siliceous in nature; 0.1% fg dissem PY min; gradational lower contact with AMPIN	D73483	85.66	86.24	0.58	0.546	AGAT_FAICP		
86.24	117.08	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D73484	86.24	87	0.76	0.006	AGAT_FAICP		
			D73485	87	88.5	1.5	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
Grey-green to beige/reddish-pink (altered); fine-to-medium-grained to lclly cg; trace patchy CL alteration; 10% mm-cm scale QZ-CB stringers cut unit concordant and discordant with overall foliation lclly showing pygmatic form; few bands of SER+POT alteration with largest interval occurring from 105.67-106.20m and again from 110.25-110.70m; moderately banded defined by AMP/CPX and QZ-CB stringers; strongly foliated measured at 105.18m with a45 b337 and again at 115.64 with a38 b335; few other Lineations and Boudins observed (see Point Structure tab); trace POB GRT defines lcl CG habit; no significant mineralization; sharp lower contact with PEGGR measured at a30 b356			D73487	88.5	90	1.5	0.002	AGAT_FAICP		
			D73488	90	91.5	1.5	0.001	AGAT_FAICP		
			D73489	91.5	93	1.5	0.001	AGAT_FAICP		
			D73490	93	94.5	1.5	0.002	AGAT_FAICP		
			D73513	115	116	1	0.002	AGAT_FAICP		
			D73514	116	117.08	1.08	0.001	AGAT_FAICP		
			D73505	109.5	110.25	0.75	0.001	AGAT_FAICP		
			D73507	110.25	110.7	0.45	0.002	AGAT_FAICP		
			D73508	110.7	112	1.3	0.003	AGAT_FAICP		
			D73509	112	113	1	0.001	AGAT_FAICP		
			D73510	113	114	1	0.002	AGAT_FAICP		
			D73511	114	115	1	0.002	AGAT_FAICP		
			D73499	103.5	105	1.5	0.001	AGAT_FAICP		
			D73500	105	105.67	0.67	0.002	AGAT_FAICP		
			D73501	105.67	106.2	0.53	0.005	AGAT_FAICP		
			D73502	106.2	107	0.8	0.001	AGAT_FAICP		
			D73503	107	108	1	0.002	AGAT_FAICP		
			D73504	108	109.5	1.5	0.001	AGAT_FAICP		
			D73491	94.5	96	1.5	0.0005	AGAT_FAICP		
			D73493	96	97.5	1.5	0.002	AGAT_FAICP		
			D73494	97.5	99	1.5	0.002	AGAT_FAICP		
			D73495	99	100.5	1.5	0.001	AGAT_FAICP		
			D73496	100.5	102	1.5	0.001	AGAT_FAICP		
			D73497	102	103.5	1.5	0.0005	AGAT_FAICP		
117.08	119.25	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D73515	117.08	118.25	1.17	0.0005	AGAT_FAICP		
		Reddish-pink to burgundy-red; mcg; moderate potassic stianing to mcg KF and weak patchy HE alteration lclly; grains angular/subrounded to subhedral 0.5-2cm in size with lcl 3-5cm grains; no sig min; 2% minor mg wispy/patchy BIO entrained in vein defining PEG texture	D73516	118.25	119.25	1	0.001	AGAT_FAICP		
119.25	128.00	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D73517	119.25	120	0.75	0.003	AGAT_FAICP		
		Grey-green to lclly dark green; fmg to lclly cg; weak patchy CL alteration; trace/weak SER+POT alt halos around mm-cm scale QZ-CB stringers; abundance of GRT increases from 126.82-127.26m 3-4% dissem to POB CG; foliation strong and well defined measured at 125.28m with a38 b339; one L1 stretching lineation observed on fresh-face of natural-break at 126.34m with lineation plunging 49d towards 077d; no sig min; sharp lower	D73519	120	121.5	1.5	0.002	AGAT_FAICP		
			D73520	121.5	123	1.5	0.002	AGAT_FAICP		
			D73521	123	124.5	1.5	0.05	AGAT_FAICP		
			D73522	124.5	126	1.5	0.004	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
contact with FGS			D73523	126	127	1	0.015	AGAT_FAICP		
			D73524	127	128	1	0.004	AGAT_FAICP		
128.00	130.29	(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, ()	D73525	128	128.85	0.85	0.011	AGAT_FAICP		
		Split 90/10 interal composed of beige weakly-moderately silicified melt-textured moderately banded FGS and melt-textured granitic pegmatite; POSSIBLE SILICEOUS/SILICIFIED AMP due to relatively high background amp content (8-10%); 2% vfg to mg dissem to patchy/wispy PO min; gradational lower contact with AMPIN	D73527	128.85	129.16	0.31	0.012	AGAT_FAICP		
			D73528	129.16	130.29	1.13	0.017	AGAT_FAICP		
130.29	133.31	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D73529	130.29	131.3	1.01	0.015	AGAT_FAICP		
		Dark green to light-greenish-grey; fcg; weak-moderate silicification; weak-moderate POT+SER banded alteration (lclly appearing as halos around QZ-CB stringers); strong foliation measured at 132.84m with a48 b330; sharp lower contact measured at a62 b338; no sig min	D73530	131.3	132.3	1	0.012	AGAT_FAICP		
			D73531	132.3	133.31	1.01	0.005	AGAT_FAICP		
133.31	139.00	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D73533	133.31	134	0.69	0.003	AGAT_FAICP		
		Pink to reddish-pink and white; cvcg to lclly mcg; no significant alteration; few cm-sized sections of broken/rubbly core (0% RQD); few cg inclusions of wispy to patchy AMP (1%) and BIO (1%); small AMPIN sliver from 138.32-138.48m; no sig min vein hosted; sharp lower contact with AMPIN	D73534	134	135	1	0.001	AGAT_FAICP		
			D73535	135	136	1	0.0005	AGAT_FAICP		
			D73536	136	137	1	0.002	AGAT_FAICP		
			D73537	137	138	1	0.001	AGAT_FAICP		
			D73539	138	139	1	0.0005	AGAT_FAICP		
139.00	140.30	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D73540	139	140.3	1.3	0.002	AGAT_FAICP		
		Grey-green; fmg; weak-moderate silicification; trace/weak patchy CL alt; moderate BAND SER alt; overall BND texture defined by mm-scale wispy QZ-CB stringers and lighterr-green/grey more felsic composed AMP slivers; no sig min or veining otherwise; sharp lower contact with PEGQG								
140.30	140.60	(PEG) Pegmatite, (PEGQZ) Quartz Pegmatite (>90% quartz)	D73541	140.3	140.6	0.3	0.003	AGAT_FAICP		
		Pink-grey; mcg; QZ-dominant PEG with 20-25% mcg KF entrained in QZ-dominant "matrix"; lcl dark grey QZ shows high-strain with striations in grain visible in hand sample; no sig min; sharp upper and lower contacts with lower contact measured with a52 b315								

140.60 143.37 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		(50-69% amphibole)	D73542	140.6	142	1.4	0.003	AGAT_FAICP		
		Grey-green to dark green; fmg; weakly silicified; trace patchy CL alt; banding and subsequent foliation defined by compositional layering of more felsic AMPIN and more AMP-rich AMPIN in conjunction with minor mm-cm scale QZ-CB stringers; foliation mod-strong measured at 142.86m with a44 b350; minor 1% dissem mg GRT; no sig min; sharp lower contact with UMD-LAMPD with a43 b340	D73543	142	143.37	1.37	0.003	AGAT_FAICP		
143.37	143.75	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D73544	143.37	143.75	0.38	0.003	AGAT_FAICP		
		Brown to greyish-brown; fmg; not true XNL but possibly vesicles (?) of anhedral to subrounded CB grains amidst a BIO-dominant weakly-moderately magnetic background/matrix; sharp lower contact measured at a45 b312								
143.75	155.84	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D73545	143.75	145	1.25	0.015	AGAT_FAICP		
		Grey-green to dark green; fcg; moderate silicification; trace patchy CL alt; minor moderate SER alt as halos and bands around 5-7% QZ-CB stringers; moderately GRT POB from 147.46-147.69m defined by 4-5% GRT; few minor QZ-CB-CPX-GRT banded mineral assemblages lclly; moderately foliated measured at 150.50m with a45 b345; no sig min	D73547	145	146.5	1.5	0.003	AGAT_FAICP		
			D73548	146.5	148	1.5	0.011	AGAT_FAICP		
			D73549	148	149.5	1.5	0.002	AGAT_FAICP		
			D73550	149.5	151	1.5	0.002	AGAT_FAICP		
			D73551	151	152	1	0.002	AGAT_FAICP		
			D73553	152	153	1	0.012	AGAT_FAICP		
			D73554	153	154.5	1.5	0.003	AGAT_FAICP		
			D73555	154.5	155.84	1.34	0.002	AGAT_FAICP		
155.84	159.74	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D73556	155.84	157	1.16	0.001	AGAT_FAICP		
		Pink to white/grey; cvcg; moderate melt-texture defined by cvcg KF with poorly defined grain boundaries; 15-20% smokey-grey to opaque-white QZ present; trace patchy CL KF-hosted; feldspars show well developed exsolution lamelle defined by fg wispy QZ; no significant mineralization; sharp lower contact with AMPIN measured at a48 b348	D73557	157	158	1	0.0005	AGAT_FAICP		
			D73559	158	159	1	0.001	AGAT_FAICP		
			D73560	159	159.74	0.74	0.0005	AGAT_FAICP		
159.74	185.00	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D73561	159.74	161	1.26	0.002	AGAT_FAICP		
		Greyish-green to dark green; localized intervals of varying grain size; lcl moderate SER alt as BANDS/HALOS; trace POT alteration appearing similarly to SER alt; weak/trace pervasive silicification; weakly banded and strongly foliated defined by compositional layering of AMPIN and CPX/QZ-CB stringers; foliation measured at 163.98m with a47 b339 and again at 172.60m with a43 b336; variable amounts of background POB GRT lclly up to 15% (5-7% overall; approaching FW amp territory; on that note I think that mineralogically this unit is AMPFW with slightly less POB/AGR GRT than our 'true' AMPFW); few L1 visible as stretching component to deformation weak to non-existent; L1 measured at 179.12m plunging 50 towards 050; one BOU-LA measured at 168.14m plunging 45 towards 070 with boudinaged-plane measured with a38 b332 (concordant with dominant FS1 fabric); STI	D73562	161	162	1	0.003	AGAT_FAICP		
			D73563	162	163.5	1.5	0.013	AGAT_FAICP		
			D73564	163.5	165	1.5	0.003	AGAT_FAICP		
			D73565	165	166.5	1.5	0.002	AGAT_FAICP		
			D73567	166.5	168	1.5	0.015	AGAT_FAICP		
			D73575	177	178.5	1.5	0.002	AGAT_FAICP		
			D73576	178.5	180	1.5	0.005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
increases downhole towards lower contact with strongly sheared FGC (weakly-modtly conglomeratic; well-banded); lower contact gradational measured at a40 b350 at 185m; no sig min AMP-hosted			D73577	180	181.5	1.5	0.014	AGAT_FAICP		
			D73579	181.5	183	1.5	0.016	AGAT_FAICP		
			D73580	183	184	1	0.003	AGAT_FAICP		
			D73581	184	185	1	0.003	AGAT_FAICP		
			D73568	168	169.5	1.5	0.004	AGAT_FAICP		
			D73569	169.5	171	1.5	0.002	AGAT_FAICP		
			D73570	171	172.5	1.5	0.002	AGAT_FAICP		
			D73571	172.5	174	1.5	0.003	AGAT_FAICP		
			D73573	174	175.5	1.5	0.004	AGAT_FAICP		
			D73574	175.5	177	1.5	0.01	AGAT_FAICP		
185.00	191.43	(FGC) Felsic Gneiss Conglomerate, ()	D73582	185	186	1	0.006	AGAT_FAICP		
Grey-green to reddish-pinkish-grey; fcg; moderate POB texture defined by 3% mg to vcg subrounded to subhedral GRT 0.5-2cm in size; strongly foliated and sheared with fol intensity strong measured at 187.15m with a44 b342; weakly-moderately conglomeratic with aspect ratios of lcl grains 6:1; banding defined by felsic and mafic compositional layering with minor QZ-CB veinlets concordant with foliation; lcl boundinaging to stringers/layers; no significant mineralization; gradational lower contact with AMPIN measured at a43 b342			D73583	186	187	1	0.005	AGAT_FAICP		
			D73584	187	188	1	0.005	AGAT_FAICP		
			D73585	188	189	1	0.003	AGAT_FAICP		
			D73587	189	190	1	0.012	AGAT_FAICP		
			D73588	190	191	1	0.005	AGAT_FAICP		
			D73589	191	191.43	0.43	0.008	AGAT_FAICP		
191.43	193.06	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D73590	191.43	192.43	1	0.008	AGAT_FAICP		
Dark green to greyish-green; localized intervals of varying grain size (fcg); weak-moderate pervasive silicification; trace/weak patchy CL alt; banded texture defined by AMPIN layering and lighter-green CPX in conjunction with QZ-CB stringers all concordant to foliation measured at 44dtca; 2% mcg dissem to POB GRT throughout; no sig min; well-defined lower contact with FGC measured at a47 b335			D73591	192.43	193.06	0.63	0.047	AGAT_FAICP		
193.06	205.17	(FGC) Felsic Gneiss Conglomerate, ()	D73593	193.06	194	0.94	0.008	AGAT_FAICP		
Grey to dark grey to beige-grey; fcg; minor weak patchy/halo SER alt; weak-moderate banded/halo POT alt lclly; weak-moderately conglomeratic defined by felsic and mafic clasts entrained in dominantly felsic background; strongly foliated measured at 193.60m with a38 b336; lcl boudinaging to QZ-CB stringers/veinlets not to be confused with congl-texture; BOU-LA measured at 203.14m plunging 20d towards 050 trend; clasts moderately developed and show angular to elongate to subrounded habits (anhedral to lclly subhedral cxtl form); no significant mineralization observed; increase in potassic alteration towards lower contact with UMD-LAMPD			D73594	194	195	1	0.006	AGAT_FAICP		
			D73595	195	196	1	0.007	AGAT_FAICP		
			D73596	196	197	1	0.006	AGAT_FAICP		
			D73597	197	198	1	0.007	AGAT_FAICP		
			D73599	198	199	1	0.04	AGAT_FAICP		
			D73600	199	200	1	0.007	AGAT_FAICP		
			D73601	200	201	1	0.007	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D73602	201	202	1	0.013	AGAT_FAICP		
			D73603	202	203	1	0.006	AGAT_FAICP		
			D73604	203	204	1	0.006	AGAT_FAICP		
			D73605	204	205	1	0.008	AGAT_FAICP		
205.17	205.39	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D73607	205	205.39	0.39	0.003	AGAT_FAICP		Light-brown to brown/olive-green; no sig alt; veining; or alteration; no sig min; lower contact measured at a45 b334
205.39	209.50	(FGC) Felsic Gneiss Conglomerate, ()	D73608	205.39	206.5	1.11	0.047	AGAT_FAICP		Dark grey to light greyish-green to red; fcg; moderate silicification and increasing POT alt intensity downhole towards lower contact with UMD-LAMPD; well-developed BND texture and subsequent foliation defined by compositional layering of AMPIN and more felsic MAP with minor CPX and QZ-CB stringers/veinlets all foliated concordant with one another measured at 207.57m with a40 b338; weak-moderately conglomeratic with clasts elongate 5:1 aspect ratio parallel to foliation plane; no sig min; sharp low-angle contact with lower LAMP measured at a20 b302
			D73609	206.5	207.5	1	0.018	AGAT_FAICP		
			D73610	207.5	208.5	1	0.063	AGAT_FAICP		
			D73611	208.5	209.52	1.02	0.007	AGAT_FAICP		
209.50	210.93	(UMD) UMLAMP Dike, ()	D73613	209.52	210.93	1.41	0.003	AGAT_FAICP		Dark to light brown to olive-green; fmg; no sig veining; weak patchy POT and CL alteration; weak-mod POR texture defined by 0.1-0.7cm angular to anhedral CB xenoliths/amygdules; no significant mineralization; sharp lower contact with altered FGC measured at a50dtca (no lines to grab beta)
210.93	213.50	(FGC) Felsic Gneiss Conglomerate, ()	D73614	210.93	212	1.07	0.008	AGAT_FAICP		Dark grey to red; fcg; moderate silicification and moderate-strong pervasive/banded POT alteration throughout interval; weak SER banding preset in conjunction with POT banding; few boundinaged QZ veinlets (no lines on core); no significant mineralization; lower contact occurs over fault-zone/broken core at 213.5m
			D73615	212	213.5	1.5	0.006	AGAT_FAICP		
213.50	215.75	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D73616	213.5	214.5	1	0.002	AGAT_FAICP		Dark brown to dark brownish-green; fmg; weak POR texture defined by mg subrounded anhedral CB xenoliths; clotty-textured towards end of interval; no sig min or eining; lower contact oppcurs over fault-zone/broken core so contact angles are unattainable and inferred
			D73617	214.5	215.75	1.25	0.002	AGAT_FAICP		
215.75	224.03	(FGC) Felsic Gneiss Conglomerate, ()	D73619	215.75	217	1.25	0.013	AGAT_FAICP		Grey-green to dark grey; fcg; weak pervasive silicification; strong (lclly) SER banding and moderate SER and POT halos around QZ-CB stringers discordant with overall foliation (later
			D73620	217	218	1	0.006	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
feature); well-developed/defined BAND and FOL with banding defined by AMPIN and QZ-CB with minor CPX compositional layering strongly foliated measured at 217.68m with a40 b343; clast composition varies from mafic AMP to felsic PEGQG boudins; subrounded to angular habit to clasts; sharp lower contact with UMD-LAMPD measured at a48 b340; no sig min			D73621	218	219	1	0.006	AGAT_FAICP		
			D73622	219	220	1	0.02	AGAT_FAICP		
			D73623	220	221	1	0.044	AGAT_FAICP		
			D73624	221	222	1	0.007	AGAT_FAICP		
			D73625	222	223	1	0.009	AGAT_FAICP		
			D73627	223	224.03	1.03	0.021	AGAT_FAICP		
224.03	224.95	(UMD) UMLAMP DiKE, (LAMPD) UMD - Lamprophyre Dyke	D73628	224.03	224.95	0.92	0.002	AGAT_FAICP		Dark brown; vffg; no sig veining or alteration; very weak amygdule-texture defined by anhedral angular mm-scale CB phenocrysts in a BIO-dominant UMD matrix; no sig min; sharp lower contact measured at a40 b332
224.95	238.83	(FGC) Felsic Gneiss Conglomerate, ()	D73629	224.95	226	1.05	0.017	AGAT_FAICP		Grey to dark grey; localized intervals of varying grain size; moderate silicification; moderate patchy/banded SER alteration concordant with overall mod-strong foliation measured at 227.5m with a42 b342; conglomeratic texture defined by clast supported unit with clast lithology ranging from cm-scale QFP to mm-cm scale QZ-CB boundins to amp/mafic clasts; BUD-LA mesasured at 225.75m plunging 43dtca towards 067; ~233-236m sees a decrease in clasts and becomes more matrix-supported defined by a 'gritty' salty texture; no significant mineralization observed
			D73630	226	227	1	0.014	AGAT_FAICP		
			D73631	227	228	1	0.007	AGAT_FAICP		
			D73633	228	229	1	0.007	AGAT_FAICP		
			D73634	229	230	1	0.009	AGAT_FAICP		
			D73635	230	231	1	0.008	AGAT_FAICP		
			D73643	237	238	1	0.006	AGAT_FAICP		
			D73644	238	238.83	0.83	0.003	AGAT_FAICP		
			D73636	231	232	1	0.019	AGAT_FAICP		
			D73637	232	233	1	0.016	AGAT_FAICP		
			D73639	233	234	1	0.005	AGAT_FAICP		
			D73640	234	235	1	0.004	AGAT_FAICP		
			D73641	235	236	1	0.004	AGAT_FAICP		
			D73642	236	237	1	0.004	AGAT_FAICP		
238.83	239.08	(UMD) UMLAMP DiKE, (LAMPD) UMD - Lamprophyre Dyke	D73645	238.83	239.13	0.3	0.004	AGAT_FAICP		Dark brown; vffg; minor CB stringers cut unit sub-parallel to contact angles ~50dtca; no sig veining or alteration otherwise; no significant mineralization; sharp lower contact measured with a56 b295
239.08	244.70	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D73647	239.13	240	0.87	0.002	AGAT_FAICP		Grey-green to dark green; fmg; moderately silicified with trace patchy CL alteration; few
			D73648	240	241	1	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
boundinaged QZ-CB stringers; QZ-CB stringers concordant with overall foliation otherwise; 13cm PEGQZ veinlet with contact angles a40 b327 on both upper and lower contact; no significant mineralization; sharp lower contact with PEGQZ measured at a43 b348			D73649	241	242	1	0.002	AGAT_FAICP		
			D73650	242	243	1	0.003	AGAT_FAICP		
			D73651	243	244	1	0.008	AGAT_FAICP		
			D73653	244	244.7	0.7	0.004	AGAT_FAICP		
244.70	245.27	(PEG) Pegmatite, (PEGQZ) Quartz Pegmatite (>90% quartz)	D73654	244.7	245.27	0.57	0.002	AGAT_FAICP		
Pink/pale-pink to white/grey; mcg; few inclusions of minor 0.25% wispy mg BIO; very weak melt-texture defined by lack of grain boundaries lclly between KF minerals; no sig min or alteration; sharp lower contact with FGS measured at a61 b340										
245.27	256.00	(FGS) Felsic Gneiss Sedimentary, ()	D73655	245.27	246	0.73	0.006	AGAT_FAICP		
Grey to dark grey to reddish-pinkish-grey; fmg; moderately silica overprinted; moderate to lclly strong patchy POT alteration appearing as HALOs around mm-cm scale QZ-CB-KF/PF stringers; background of unit shows variable abundances of fmg fol-defining (in conjunction with BIO) AMP between 5-10% (lclly); slight decrease in overall AMP abundance towards lower contact; weak clotty-texture defined by 2-3% fg subrounded to subhedral white PF dissem throughout; one larger PEGQZ veinlet from 251.29-251.45m concordant with overall foliation measured at 248.38m with a40 b350; trace fg dissem PY lclly; no sig min otherwise; gradational/inferred lower contact due to increase in clast-supported matrix and overall STI (5-6)			D73656	246	247	1	0.002	AGAT_FAICP		
			D73657	247	248	1	0.004	AGAT_FAICP		
			D73659	248	249	1	0.011	AGAT_FAICP		
			D73660	249	250	1	0.016	AGAT_FAICP		
			D73661	250	251	1	0.007	AGAT_FAICP		
			D73662	251	252	1	0.007	AGAT_FAICP		
			D73663	252	253	1	0.009	AGAT_FAICP		
			D73664	253	254	1	0.008	AGAT_FAICP		
			D73665	254	255	1	0.745	AGAT_FAICP		
		D73667	255	256	1	0.011	AGAT_FAICP			
256.00	268.56	(FGC) Felsic Gneiss Conglomerate, ()	D73668	256	257	1	0.019	AGAT_FAICP		
Grey to greenish-grey; fmg; weak-moderate pervasive silicification; moderately conglomeratic defined by elongation of clasts parallel to foliation measured at 261.19m with a60 b360 and again at 267.44m with a38 b315; foliation angle gradationally changes between 40-60dca alphas; few other structural measurements taken including one L1 at 265.61m plunging 71 towards 058; two FOD-AX1/AP1 meaured at 262.16m and again at 265.77m (see structure tab); clast lihtology dominantly QZ-FSP with trace AMP clasts; variable background amphibole throughout unit lclly up to 7-8% with overall abundance ~4-5% fmg and defines foliation; minor FGSQZE (possible QFP but lack of sharp contacts leans more FGSQZE identifier) from 266.38-266.78 with upper contact a46 b360 and lower contact a40 b332; no significant mineralization			D73669	257	258	1	0.015	AGAT_FAICP		
			D73670	258	259	1	0.008	AGAT_FAICP		
			D73671	259	260	1	0.007	AGAT_FAICP		
			D73673	260	261	1	0.007	AGAT_FAICP		
			D73674	261	262.04	1.04	0.009	AGAT_FAICP		
			D73682	266.77	267.5	0.73	0.006	AGAT_FAICP		
			D73683	267.5	268.56	1.06	0.02	AGAT_FAICP		
			D73675	262.04	263	0.96	0.004	AGAT_FAICP		
			D73676	263	264	1	0.007	AGAT_FAICP		
			D73677	264	265	1	0.006	AGAT_FAICP		
			D73679	265	266	1	0.004	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D73680	266	266.38	0.38	0.002	AGAT_FAICP		
			D73681	266.38	266.77	0.39	0.003	AGAT_FAICP		
268.56	269.28	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D73684	268.56	269.28	0.72	0.002	AGAT_FAICP		Green to olive green/brown; fmg; no sig alt or veining; few mg PF entrained in dyke material; no sig min; sharp upper and lower contacts with lower contact measured at a60 b300
269.28	269.64	(AMP) Amphibolite, ()	D73685	269.28	269.64	0.36	0.002	AGAT_FAICP		Blueish-green to green to burgundy reddish-pink; strong POT and CL alteration to AMP; BND and weakly FOL measured at ~40dtca; no sig min or veining; small alteration unit sandwiched between upper intrusive UMD-LAMPD and lower PEGGR
269.64	277.27	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D73687	269.64	270	0.36	0.001	AGAT_FAICP		Pink to pinkish-grey to deep red; cvcg; weak-moderate pervasive potassic alteration and moderate patchy HE alteration; 5-7% mcg patchy to disseminated BIO defines pgm texture; GRH texture well developed in vcg melt-textured KF defined by wiggly QZ-filled lamellae; no significant mineralization; sharp lower contact with porphyritic FGS measured at a44 b284
			D73688	270	271	1	0.001	AGAT_FAICP		
			D73689	271	272	1	0.002	AGAT_FAICP		
			D73690	272	273	1	0.006	AGAT_FAICP		
			D73691	273	274	1	0.0005	AGAT_FAICP		
			D73693	274	275	1	0.0005	AGAT_FAICP		
			D73694	275	276	1	0.0005	AGAT_FAICP		
			D73695	276	277.27	1.27	0.0005	AGAT_FAICP		
277.27	285.12	(FGS) Felsic Gneiss Sedimentary, ()	D73696	277.27	278	0.73	0.003	AGAT_FAICP		Grey to pinkish-grey to reddish-pink; fcg; moderately silicified; weak patchy/halo style POT alteration lclly; porphyritic/QZE textures overall poorly developed with lcl moderately-strongly developed sections defined by poorly formed anhedral angular to subrounded 0.1-0.7mm QZ-PF phenocrysts; variable background fmg AMP lclly up to 5%; 2-3% AMP overall; 8-10% fmg BIO; mod-strong foliated defined by aforementioned AMP and BIO measured at 277.92m with a62 b256; no significant mineralization; moderately defined lower contact with AMPIN(FW) measured at a45 b339
			D73697	278	279	1	0.004	AGAT_FAICP		
			D73699	279	280	1	0.12	AGAT_FAICP		
			D73700	280	281	1	0.076	AGAT_FAICP		
			D73701	281	282	1	0.003	AGAT_FAICP		
			D73702	282	283	1	0.004	AGAT_FAICP		
			D73703	283	284	1	0.008	AGAT_FAICP		
			D73704	284	285.12	1.12	0.011	AGAT_FAICP		
285.12	311.30	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D73705	285.12	286.5	1.38	0.007	AGAT_FAICP		Grey-green; fcg; weak pervasive silicification and weak patchy CL alteration to AMP+CPX+CB assemblages lclly defining banding; this unit is AMPFW but for consistency
			D73707	286.5	288	1.5	0.009	AGAT_FAICP		
			D73708	288	289.5	1.5	0.04	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
<p>being logged as AMPIN; 10-20% (variable abundances lclly) GRT define overall POB texture and banding consisting of slivers of felsic FGS and intermediate AMP with minor lighter-green CPX is characteristic of AMPFW unit seen in UG DDHs; GRTs often occupy BOUD-necks of mm-cm scale CB stringers concordant with overall strong foliation measured at 3 10m intervals (see structure tab) and cohesively shows fol alphas ~40-42dtca; one L1 observed on natrual break concordant with foliation plunging 67dtca towards 41d; 1% fmg dissem to lclly stringers hosted PO mineralization; no sig PY or CP min otherwise; sharp lower contact with FGS with a40 b346</p>			D73709	289.5	291	1.5	0.009	AGAT_FAICP		
			D73710	291	292.5	1.5	0.004	AGAT_FAICP		
			D73711	292.5	294	1.5	0.005	AGAT_FAICP		
			D73720	303	304.5	1.5	0.02	AGAT_FAICP		
			D73721	304.5	306	1.5	0.006	AGAT_FAICP		
			D73722	306	307.5	1.5	0.005	AGAT_FAICP		
			D73723	307.5	309	1.5	0.005	AGAT_FAICP		
			D73724	309	310.5	1.5	0.009	AGAT_FAICP		
			D73725	310.5	311.3	0.8	0.043	AGAT_FAICP		
			D73713	294	295.5	1.5	0.008	AGAT_FAICP		
			D73714	295.5	297	1.5	0.004	AGAT_FAICP		
			D73715	297	298.5	1.5	0.006	AGAT_FAICP		
			D73716	298.5	300	1.5	0.006	AGAT_FAICP		
			D73717	300	301.5	1.5	0.006	AGAT_FAICP		
			D73719	301.5	303	1.5	0.006	AGAT_FAICP		
311.30	313.82	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D73727	311.3	312.75	1.45	0.004	AGAT_FAICP		
<p>Grey to dark grey; fcg; moderately silicified; weakly GRT POB defined by 3-5% fmg dissem to lclly elongate along FOL plane GRT; banding defined by aforementioned GRT as well as QZ-CB stringers (lclly boundinaged) and compositional layering between FGS and variable amts of background AMP (4-5% overall); few cm-scale crenulated/clotty-textured QZ-CB-FSP-GRT veinlets concordant with strong foliation measured at 38dtca; traces of vffg dissem PY min throughout; sharp lower contact with AMPIN measured at a41 b345</p>			D73728	312.75	313.82	1.07	0.001	AGAT_FAICP		
313.82	314.39	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D73729	313.82	314.39	0.57	0.004	AGAT_FAICP		
<p>Dark green to greyish-green; fmg; moderately silicified; strongly banded and foliated defined by QZ-CB stringers and AMP/CPX comp layering with weakly RIE altered FGS slivers; no sig min or veining oterhwise; sharp lower contact with PEG</p>										
314.39	314.77	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D73730	314.39	314.77	0.38	0.007	AGAT_FAICP		
<p>Pink to white; mcg; no sig min or alt; bulk of KF defining PEGQG identifier appears as larger mass towards lower contact with AMPIN; sharp lower contact measured at a40 b323</p>										
314.77	322.10	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D73731	314.77	316	1.23	0.006	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
Green-grey and various shades of the two; fmg; moderately silicified; moderate bands of SER and POT alteration with minor green CL alt included in banding; strongly foliated measured at 317.33m with a42 b332; several mm-cm scale QZ-CB stringers also define overall banded texture showing weak-moderate boudinaging (lclly) concordant with foliation plane; majority of veining concordant with fol with few exceptions; amygdule texture throughout defined by vffg disseminated anhedral angular to subrounded CB phenocrysts; no significant mineralization; sharp lower contact with PEGGR measured at a40 b352			D73733	316	317.5	1.5	0.005	AGAT_FAICP		
			D73734	317.5	319	1.5	0.013	AGAT_FAICP		
			D73735	319	320.5	1.5	0.008	AGAT_FAICP		
			D73736	320.5	321.5	1	0.014	AGAT_FAICP		
			D73737	321.5	322.1	0.6	0.005	AGAT_FAICP		
322.10	335.86	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D73739	322.1	323	0.9	0.01	AGAT_FAICP		
Pink to white to pale pinkish-grey; mcg to vcg; weak patchy POT and trace patchy SER alt with lcl trace HE alt defined by deep burgundy-red colour; pgm texture moderately defined by 4-5% mcg disseminated to wispy BIO min; trace amounts of fmg AMP entrained in vein material (no mineral-host preference); trace amounts of fmg disseminated to BIO-hosted PY min; sharp lower contact with FGSGB measured at a40 b290			D73740	323	324	1	0.006	AGAT_FAICP		
			D73741	324	325	1	0.001	AGAT_FAICP		
			D73742	325	326	1	0.009	AGAT_FAICP		
			D73743	326	327	1	0.001	AGAT_FAICP		
			D73744	327	328	1	0.002	AGAT_FAICP		
			D73753	334	335	1	0.001	AGAT_FAICP		
			D73754	335	335.86	0.86	0.001	AGAT_FAICP		
			D73745	328	329	1	0.001	AGAT_FAICP		
			D73747	329	330	1	0.002	AGAT_FAICP		
			D73748	330	331	1	0.001	AGAT_FAICP		
			D73749	331	332	1	0.001	AGAT_FAICP		
			D73750	332	333	1	0.0005	AGAT_FAICP		
		D73751	333	334	1	0.001	AGAT_FAICP			
335.86	340.26	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D73755	335.86	337	1.14	0.003	AGAT_FAICP		
Grey to greenish-grey to tan-brown; fcg; moderate-strong silicification and moderate patchy to wispy SER alt; mod-strong foliated defined by variable amounts of background BIO ranging from 5-10/12% measured at 337.53m with a44 b300; 5-7% cvcg POB to disseminated GRT lclly elongated along foliation plane to 5-6:1 aspect ratios; one tension/extensional PEGGR vein at 338.88-339.12m with upper contact a50 b298 and lower contact a55 b315; trace amounts of fg str-hosted PO min lclly; trace PO overall; sharp lower contact with PEGGR (looks like a folded PEGGR with this GRT-bearing FGS unit sandwiched between fold-nose) at a15 b264 - AFTER SAMPLING IT APPEARS THAT THERE MAY BE POSSIBLE VG HOSTED ALONG BIOTITE MINERAL SELVAGE AT 337.25m - EXAMINED UNDER MICROSCOPE AND APPEARED TO BE PYRITE - WAITING ON ASSAYS TO CONFIRM			D73756	337	337.36	0.36	0.0005	AGAT_FAICP		POSSIBLE VG HOSTED ALONG BIOTITE MINERAL SELVAGE AT 337.25m - WAITING FOR ASSAYS TO CONFIRM - EXAMINED UNDER TRINOC MICROSCOPE AND LOOKED CRYSTALLINE AND NOT SMEARED LIKE TYPICAL VG
			D73757	337.36	338.8	1.44	0.002	AGAT_FAICP		
			D73759	338.8	339.2	0.4	0.002	AGAT_FAICP		
			D73760	339.2	340.26	1.06	0.003	AGAT_FAICP		
340.26	341.47	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D73761	340.26	341.47	1.21	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Pale-pink to beigeish-white; fcg; no sig alt; mod-strong melt-texture defined by amorphous mcg KF appearing as one large crystal; sections of KF-dominant and PF-dominant throughout unit; mod pgm texture defined by 3-4% fmg dissem to wispy BIO min; no sig min; sharp lower contact with FGSGB measured at a60 b280								
341.47	345.71	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D73762	341.47	342.5	1.03	0.005	AGAT_FAICP		
		Grey to beige-grey to purply-grey; fcg; moderate-strong silicification; moderate patchy SER alt and weak-mod patchy RIE alt giving purply-grey hue to slivers of FGS; 4-5% GRT POB elongated parallel to foliation plane; no sig min; sharp lower contact with AMP measured at a67 b339	D73763	342.5	344	1.5	0.005	AGAT_FAICP		
			D73764	344	344.6	0.6	0.043	AGAT_FAICP		
			D73765	344.6	345.71	1.11	0.004	AGAT_FAICP		
345.71	346.57	(AMP) Amphibolite, ()	D73767	345.71	346.57	0.86	0.007	AGAT_FAICP		
		Green; fcg; 2-3% cvcg POB GRT define lone POB-texture; no sig veining or alteration; no sig min; this unit is possibly AMPFW; sharp lower contac measured at a38 b328								
346.57	351.00	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D73768	346.57	347	0.43	0.002	AGAT_FAICP		
		Grey to beige-grey to purply-grey; fcg; mod-strong silicification; weak-moderate halo/bnd SER alt; weak patchy RIE alt gives purply-hue to FGS units; unit starts with a melt-textured QZ-KF-CPX-CB-GRT veinlet with upr cnct a38 b328 and lwr cnct a57 b334; 5-7% medium-to-very-coarse-grained GRT throughout lclly elongate parallel to strongly defined foliation measured at 347.75m with a35 b338; no significant mineralization; EOH=351m	D73769	347	348	1	0.003	AGAT_FAICP		
			D73770	348	349	1	0.004	AGAT_FAICP		
			D73771	349	350	1	0.002	AGAT_FAICP		
			D73773	350	351	1	0.001	AGAT_FAICP		EOH=351m

Hole ID : RD19-00018

Project : Borden

Drilling Details :

Azimuth : 170
 Dip : -44
 Length : 351
 Drill Start : 1-Aug-2019
 Drill Completed : 5-Aug-2019
 Core Size : NQ
 Drill Company : Major
 Oriented Core : No

Location Details :

Easting : 338498
 Northing : 5303008
 Elevation : 437
 UTM Grid : NAD83_UTMZ17N_GPS
 Township : Borden
 Storage Location : Chapleau Ont

Logging Details :

Logged By : Colt.Meyer
 Logged By 2 : Brad.Clarke
 Log Start : 8-Aug-2019
 Log Completed : 15-Aug-2019
 Re-Logged By :
 Re-Log Start :
 Re-Log Completed :

Comments :

GPS coordinates updated using waypoint averaging on Garmin hand-held. Hole intersected several small and large sections of AMP and FGS with small and large PEG veins. Sulfides rarely observed. No muscovite and silliminite noted. Van Ruth plug at 9m.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	6.54	(OB) Overburden, () small cobbles of amphibolite and granitic country rock								
6.54	8.72	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) very coarse-grained deep pink intrusive granitic pegmatite defined by feldspar-dominant groundmass with interstitial quartz; reddish potassic staining as a selvage between grain margins	C66827 C66828 C66829	6.54 6.84 8	6.84 8 8.72	0.3 1.16 0.72	0.007 0.001 0.002	AGAT_FAICP AGAT_FAICP AGAT_FAICP		
8.72	9.58	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) medium to coarse-grained green and grey intermediate amphibolite defined by tight alternating bands of quartz-feldspar and amphibole; tight drag folds with shear sense unoriented due to lack of core orientation; sparse occasional quartz veinlets	C66830	8.72	9.58	0.86	0.019	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
9.58	22.96	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) very coarse-grained pink and grey intrusive granitic pegmatite defined by feldspar megacryst-dominant groundmass with interstitial to patchy quartz	C66831	9.58	11	1.42	0.001	AGAT_FAICP		
			C66833	11	12.5	1.5	0.002	AGAT_FAICP		
			C66834	12.5	14	1.5	0.001	AGAT_FAICP		
			C66835	14	15.5	1.5	0.001	AGAT_FAICP		
			C66836	15.5	17	1.5	0.001	AGAT_FAICP		
			C66837	17	18.5	1.5	0.001	AGAT_FAICP		
			C66839	18.5	20	1.5	0.001	AGAT_FAICP		
			C66840	20	21.5	1.5	0.002	AGAT_FAICP		
			C66841	21.5	22.96	1.46	0.002	AGAT_FAICP		
22.96	36.64	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) fine to medium-grained green and grey intermediate amphibolite defined by alternating tight quartz-feldspar and amphibole bands; occasional light grey massive quartz veinlets throughout	C66842	22.96	24	1.04	0.048	AGAT_FAICP		
			C66843	24	25	1	0.032	AGAT_FAICP		
			C66844	25	26	1	0.014	AGAT_FAICP		
			C66845	26	27	1	0.005	AGAT_FAICP		
			C66847	27	28	1	0.005	AGAT_FAICP		
			C66848	28	29	1	0.017	AGAT_FAICP		
			C66856	35.6	36.64	1.04	0.015	AGAT_FAICP		
			C66849	29	30.5	1.5	0.041	AGAT_FAICP		
			C66850	30.5	32	1.5	0.01	AGAT_FAICP		
			C66851	32	33.5	1.5	0.003	AGAT_FAICP		
			C66853	33.5	34.5	1	0.008	AGAT_FAICP		
			C66854	34.5	35.2	0.7	0.025	AGAT_FAICP		
			C66855	35.2	35.6	0.4	0.196	AGAT_FAICP		
			36.64	37.84	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) very coarse-grained grey quartz-feldspar-biotite unit infiltrated by quartz that transitions into very coarse-grained pink and grey granitic pegmatite with coarse patches of quartz and pink feldspar megacrysts	C66857	36.64	37.84	1.2	0.001
37.84	38.78	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) fine to medium-grained foliated intermediate amphibolite with occasional thin massive grey quartz veinlets	C66859	37.84	38.78	0.94	0.01	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
38.78	39.09	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone fine-grained grey quartz-feldspar-biotite band with weak foliation and some amphibole present	C66860	38.78	39.09	0.31	0.011	AGAT_FAICP		
39.09	39.47	(UMD) UMLAMP DiKe, (LAMPD) UMD - Lamprophyre Dyke very fine to fine-grained massive intrusive grey and black lamprophyre dykelet with sharp contacts showing minor chlorite alteration and abundant whitish-grey carbonate phenocrysts throughout the unit	C66861	39.09	39.47	0.38	0.003	AGAT_FAICP		
39.47	40.00	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone light grey fine to medium-grained quartz-feldspar-biotite unit with tight banding and strong foliation defined by alternating quartz and quartz-feldspar-biotite bands; some amphibole present although it is difficult to differentiate from chlorite alteration near overlying lamprophyre dykelet	C66862	39.47	40	0.53	0.094	AGAT_FAICP		
40.00	41.16	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) fine to medium-grained green intermediate amphibolite with foliation highlighted by alternating mm-scale quartz-feldspar and amphibole-rich bands; two quartz-carbonate stringers with sericitic and potassic alteration envelopes	C66863	40	41.16	1.16	0.013	AGAT_FAICP		
41.16	51.56	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) dark pink and grey very coarse-grained intrusive granitic pegmatite with dark red potassic staining around margins of many grains; one or two occasional amphibolite bands engulfed by pegmatite	C66864	41.16	41.6	0.44	0.002	AGAT_FAICP		
			C66865	41.6	43	1.4	0.002	AGAT_FAICP		
			C66867	43	44	1	0.003	AGAT_FAICP		
			C66868	44	45.5	1.5	0.007	AGAT_FAICP		
			C66869	45.5	47	1.5	0.001	AGAT_FAICP		
			C66870	47	48.5	1.5	0.001	AGAT_FAICP		
			C66871	48.5	50	1.5	0.002	AGAT_FAICP		
			C66873	50	51	1	0.005	AGAT_FAICP		
			C66874	51	51.56	0.56	0.075	AGAT_FAICP		
51.56	53.78	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) fine-grained dark green intermediate amphibolite with sharp contacts and occasional thin grey quartz veinlets	C66875	51.56	53	1.44	0.085	AGAT_FAICP		
			C66876	53	53.78	0.78	0.02	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
53.78	61.32	(PEG, AMP) Pegmatite, Amphibolite, (PEGGR) Granitic Pegmatite (<50% quartz) very coarse-grained pink and grey intrusive granitic pegmatite with intermittent sections of green intermediate engulfed amphibolite near upper contact and small fragmented bands of FGS wallrock incorporated towards lower contact	C66877	53.78	54.2	0.42	0.027	AGAT_FAICP		
			C66879	54.2	54.5	0.3	0.024	AGAT_FAICP		
			C66880	54.5	54.8	0.3	0.041	AGAT_FAICP		
			C66881	54.8	55.3	0.5	0.004	AGAT_FAICP		
			C66882	55.3	55.85	0.55	0.085	AGAT_FAICP		
			C66883	55.85	57	1.15	0.012	AGAT_FAICP		
			C66884	57	58.5	1.5	0.005	AGAT_FAICP		
			C66885	58.5	60	1.5	0.014	AGAT_FAICP		
			C66887	60	61.32	1.32	0.004	AGAT_FAICP		
61.32	62.95	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone fine to medium-grained weakly-foliated to massive quartz-feldspar-biotite unit with intense pink pervasive potassic alteration that in some places overprints unit entirely	C66888	61.32	62.6	1.28	0.06	AGAT_FAICP		
			C66889	62.6	62.95	0.35	0.056	AGAT_FAICP		
62.95	63.79	(AMP, PEG) Amphibolite, Pegmatite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) medium to coarse-grained green intermediate amphibolite band partially engulfed by pink and grey intrusive granitic pegmatite; intermittent sericitic and potassic-enveloped quartz-carbonate veinlets	C66890	62.95	63.79	0.84	0.144	AGAT_FAICP		
63.79	65.53	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) medium-grained green massive intermediate amphibolite with slight foliation visible in places; small quartz veinlet near upper contact and occasional quartz-carbonate veinlets with potassic and sericitic alteration envelopes	C66891	63.79	65	1.21	0.018	AGAT_FAICP		
			C66893	65	65.53	0.53	0.061	AGAT_FAICP		
65.53	74.61	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone medium to coarse-grained grey quartz-feldspar-biotite unit with moderate to strong foliation and intermittent quartz to quartzofeldspathic patchy melt bands; lower contact of unit preceded by medium to coarse-grained wavy quartzofeldspathic melt; potassic and sericitic alteration envelopes on quartz-carbonate veinlets crosscutting unit	C66894	65.53	67	1.47	0.189	AGAT_FAICP		
			C66895	67	68.5	1.5	0.082	AGAT_FAICP		
			C66896	68.5	70	1.5	0.038	AGAT_FAICP		
			C66897	70	71.5	1.5	0.056	AGAT_FAICP		
			C66899	71.5	73	1.5	0.014	AGAT_FAICP		
			C66900	73	74	1	0.004	AGAT_FAICP		
			C66901	74	74.61	0.61	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
74.61	77.07	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) very coarse-grained pink and grey intrusive granitic pegmatite; megacrystic feldspar-dominant groundmass with dark red fringes on grains	C66902	74.61	76	1.39	0.002	AGAT_FAICP		
			C66903	76	77.07	1.07	0.002	AGAT_FAICP		
77.07	90.52	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone medium to coarse-grained grey quartz-feldspar-biotite unit with weak to moderate foliation; dark green amphibolite band from 77.24 to 77.78 m depth with coarse quartz vein inside with contacts given in point structures tab; greenish sericitized zone from 81.46 to 81.79 m depth that could be a UMD with contacts given in point structures tab; intermittent potassic and sericitic alteration-enveloped quartz-carbonate veinlets as well as occasional quartzofeldspathic melt bands	C66904	77.07	77.84	0.77	0.003	AGAT_FAICP		
			C66905	77.84	79	1.16	0.005	AGAT_FAICP		
			C66907	79	80	1	0.012	AGAT_FAICP		
			C66908	80	81.46	1.46	0.03	AGAT_FAICP		
			C66909	81.46	81.82	0.36	0.007	AGAT_FAICP		
			C66910	81.82	83	1.18	0.017	AGAT_FAICP		
			C66911	83	84.5	1.5	0.009	AGAT_FAICP		
			C66913	84.5	86	1.5	0.006	AGAT_FAICP		
			C66914	86	87.5	1.5	0.009	AGAT_FAICP		
			C66915	87.5	89	1.5	0.008	AGAT_FAICP		
			C66916	89	90	1	0.008	AGAT_FAICP		
C66917	90	90.52	0.52	0.006	AGAT_FAICP					
90.52	91.62	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) coarse to very coarse-grained pink and grey intrusive granitic pegmatite with sharp undulating contacts and feldspar-dominant groundmass aggregate; patchy quartz in places	C66919	90.52	91.62	1.1	0.002	AGAT_FAICP		
91.62	94.24	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone medium to coarse-grained grey quartz-feldspar-biotite unit with intermittent quartz-carbonate veinlets boasting potassic and sericitic alteration envelopes; occasional appearance of quartzofeldspathic patchy melt bands	C66920	91.62	92	0.38	0.005	AGAT_FAICP		
			C66921	92	93	1	0.011	AGAT_FAICP		
			C66922	93	94.24	1.24	0.004	AGAT_FAICP		
94.24	96.14	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) dark green coarse-grained intermediate amphibolite with banded sections and areas of amphibole-rich groundmass distinguished by blotchy patches of grey quartzofeldspathic material	C66923	94.24	95	0.76	0.028	AGAT_FAICP		
			C66924	95	95.7	0.7	0.022	AGAT_FAICP		
			C66925	95.7	96.14	0.44	0.05	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
96.14	96.82	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	C66927	96.14	96.82	0.68	0.003	AGAT_FAICP		
		very fine to fine-grained grey and black massive intrusive lamprophyre dyke with knife-sharp contacts and rings of whitish-grey carbonate phenocrysts outlining separate magmatic pulses								
96.82	101.28	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	C66928	96.82	98	1.18	0.05	AGAT_FAICP		
		patchy massive to banded green and black intermediate amphibolite defined by coarse patchy biotite-rich bands alternating with amphibole-clinopyroxene material; thin dark grey and green quartz veinlets alongside strong disturbance throughout foliation; one weak sericite-enveloped veinlet	C66929	98	99	1	0.029	AGAT_FAICP		
			C66930	99	100	1	0.015	AGAT_FAICP		
			C66931	100	101.28	1.28	0.091	AGAT_FAICP		
101.28	107.06	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	C66933	101.28	102	0.72	0.018	AGAT_FAICP		
		medium-grained grey quartz-feldspar-biotite unit with weak foliation and occasional massive grey quartz veinlets with in some cases potassic alteration margins; common intermittent quartz-carbonate veinlets with potassic and sericitic alteration envelopes	C66934	102	103	1	0.054	AGAT_FAICP		
			C66935	103	104	1	0.027	AGAT_FAICP		
			C66936	104	105	1	0.024	AGAT_FAICP		
			C66937	105	106.35	1.35	0.051	AGAT_FAICP		
			C66939	106.35	107.06	0.71	0.032	AGAT_FAICP		
107.06	112.80	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	C66940	107.06	108	0.94	0.002	AGAT_FAICP		
		very coarse-grained pink and grey intrusive granitic pegmatite with feldspar-dominant groundmass and patchy interstitial quartz; some feldspar grains have reddened margins and one small lamprophyre dykelet cuts unit with contacts provided for viewer enjoyment in your neighbourhood point structures tab	C66941	108	108.59	0.59	0.002	AGAT_FAICP		
			C66942	108.59	108.89	0.3	0.002	AGAT_FAICP		
			C66943	108.89	110	1.11	0.001	AGAT_FAICP		
			C66944	110	111	1	0.001	AGAT_FAICP		
			C66945	111	112	1	0.001	AGAT_FAICP		
			C66947	112	112.8	0.8	0.002	AGAT_FAICP		
112.80	116.90	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	C66948	112.8	114	1.2	0.057	AGAT_FAICP		
		medium to coarse-grained grey quartz-feldspar-biotite unit with weak to moderate foliation and pervasive pink potassic alteration of wallrock near upper contact with intrusive pegmatite; intermittent quartzofeldspathic melt bands throughout and one small green amphibolite band with contacts broken out in point structures tab	C66949	114	115.2	1.2	0.068	AGAT_FAICP		
			C66950	115.2	115.5	0.3	0.012	AGAT_FAICP		
			C66951	115.5	116	0.5	0.004	AGAT_FAICP		
			C66953	116	116.9	0.9	0.039	AGAT_FAICP		
116.90	117.34	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50%	C66954	116.9	117.34	0.44	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		quartz) very coarse-grained pink and grey intrusive granitic pegmatite with feldspar-dominant groundmass and patches of interstitial quartz								
117.34	117.80	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	C66955	117.34	117.8	0.46	0.017	AGAT_FAICP		
		coarse-grained grey quartz-feldspar-biotite unit with weak foliation with two granitic pegmatite bands; one quartz-carbonate stringer with potassic and sericitic alteration envelope								
117.80	118.98	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	C66956	117.8	118.28	0.48	0.0005	AGAT_FAICP		
		very coarse-grained pink granitic pegmatite defined by feldspar-dominant megacrystic groundmass and interstitial patchy quartz; one small FGS band in unit with contacts provided in point structures tab	C66957	118.28	118.98	0.7	0.003	AGAT_FAICP		
118.98	122.48	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	C66959	118.98	120	1.02	0.009	AGAT_FAICP		
		coarse-grained grey quartz-feldspar-biotite unit with weak foliation and occasional quartz to quartofeldspathic patchy melt bands along foliation; some close folding apparent around 121 m and patchy silicification	C66960	120	120.5	0.5	0.008	AGAT_FAICP		
			C66961	120.5	122	1.5	0.026	AGAT_FAICP		
			C66962	122	122.48	0.48	0.008	AGAT_FAICP		
122.48	125.79	(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGGR) Granitic Pegmatite (<50% quartz)	C66963	122.48	123.5	1.02	0.001	AGAT_FAICP		
		very coarse-grained pink and grey granitic pegmatite with feldspar-dominant groundmass; patches and bands of engulfed FGS wallrock with contacts given where possible in point structures tab	C66964	123.5	124.56	1.06	0.001	AGAT_FAICP		
			C66965	124.56	125.08	0.52	0.002	AGAT_FAICP		
			C66967	125.08	125.79	0.71	0.003	AGAT_FAICP		
125.79	127.95	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	C66968	125.79	126.45	0.66	0.007	AGAT_FAICP		
		medium to coarse-grained grey and pink quartz-feldspar-biotite unit with patches of quartzofeldspathic melt and intermittent pegmatite bands with contacts in point structures tab where appropriate; sets of thin quartz-carbonate veinlets with potassic and sericitic haloes	C66969	126.45	126.75	0.3	0.008	AGAT_FAICP		
			C66970	126.75	127.95	1.2	0.003	AGAT_FAICP		
127.95	130.09	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	C66971	127.95	129	1.05	0.002	AGAT_FAICP		
		equally-proportioned to feldspar-dominant pink and grey granitic pegmatite with patches of reddened feldspar grains	C66973	129	130.09	1.09	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
130.09	141.41	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone coarse-grained grey foliated quartz-feldspar-biotite unit with intermittent foliation-parallel quartz melt bands and occasional quartz-carbonate veinlets with potassic and sericitic alteration envelopes; one or two tight pygmatic folds near 131 m depth	C66974	130.09	131	0.91	0.004	AGAT_FAICP		
			C66975	131	131.4	0.4	0.007	AGAT_FAICP		
			C66976	131.4	132	0.6	0.006	AGAT_FAICP		
			C66977	132	133.5	1.5	0.01	AGAT_FAICP		
			C66979	133.5	134.4	0.9	0.015	AGAT_FAICP		
			C66980	134.4	135	0.6	0.013	AGAT_FAICP		
			C66981	135	136.5	1.5	0.018	AGAT_FAICP		
			C66982	136.5	138	1.5	0.009	AGAT_FAICP		
			C66983	138	139.5	1.5	0.039	AGAT_FAICP		
			C66984	139.5	140.5	1	0.008	AGAT_FAICP		
C66985	140.5	141.41	0.91	0.02	AGAT_FAICP					
141.41	142.47	(FGS, QV) Felsic Gneiss Sedimentary, Quartz Vein, (FGSBI) FGS (10-29% BI) above or proximal to gold zone grey coarse-grained FGS melt defined by massive grey quartz veins undulating wavyly along foliation at low angle to core long axis; clumps of agglomerated amphibole with associated minor pyrite mineralization clinging to heightened iron levels in amphibole-rich material	C66987	141.41	142.47	1.06	0.059	AGAT_FAICP		
142.47	145.00	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone coarse-grained grey quartz-feldspar-biotite unit with weak to moderate foliation and banding defined by organization of biotite grains on fringes of quartzofeldspathic groundmass layers; occasional quartz-carbonate veinlets with potassic and sericitic alteration envelopes	C66988	142.47	143.5	1.03	0.013	AGAT_FAICP		
			C66989	143.5	145	1.5	0.012	AGAT_FAICP		
145.00	147.00	(QV, FGS) Quartz Vein, Felsic Gneiss Sedimentary, (QZV) Quartz Vein Undifferentiated coarse-grained grey FGS engulfed by pink quartzofeldspathic melt; trails of amphibole-biotite clots trace lazily through quartz-feldspar groundmass; occasional quartz-carbonate veinlets with potassic alteration haloes	C66990	145	146	1	0.006	AGAT_FAICP		
			C66991	146	147	1	0.016	AGAT_FAICP		
147.00	147.79	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone coarse-grained grey quartz-feldspar-biotite unit with little to no foliation fabric; occasional quartz-carbonate stringers with potassic and sericitic alteration envelopes	C66993	147	147.79	0.79	0.005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
147.79	148.17	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) very coarse-grained pink and grey granitic pegmatite with irregular lower contact and feldspar-dominant groundmass sectioned by patchy grey quartz	C66994	147.79	148.17	0.38	0.002	AGAT_FAICP		
148.17	160.00	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone coarse-grained grey massive to foliated quartz-feldspar-biotite melt with occasional cemented clumps of amphibole; patches of strong potassic and sericitic alteration enveloping quartz-carbonate veinlets; gentle to open F2 folding between 158 and 159 m depth highlighted by foliation-parallel quartzose fluid influx	C66995	148.17	148.8	0.63	0.007	AGAT_FAICP		
			C66996	148.8	149.3	0.5	0.004	AGAT_FAICP		
			C66997	149.3	150.7	1.4	0.012	AGAT_FAICP		
			C66999	150.7	151.2	0.5	0.007	AGAT_FAICP		
			C67000	151.2	152	0.8	0.022	AGAT_FAICP		
			D62153	152	153	1	0.011	AGAT_FAICP		series jump
			D62161	158.5	159	0.5	0.006	AGAT_FAICP		
			D62162	159	160	1	0.008	AGAT_FAICP		
			D62154	153	154.1	1.1	0.009	AGAT_FAICP		
			D62155	154.1	155	0.9	0.031	AGAT_FAICP		
			D62156	155	156	1	0.013	AGAT_FAICP		
			D62157	156	157	1	0.009	AGAT_FAICP		
			D62159	157	158	1	0.006	AGAT_FAICP		
			D62160	158	158.5	0.5	0.022	AGAT_FAICP		
160.00	161.88	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) very coarse-grained pink and grey intrusive granitic pegmatite transitioning from upper section of blocky pink feldspar megacrysts in quartz groundmass to more equally-proportioned mix of quartz and feldspar grains	D62163	160	161	1	0.001	AGAT_FAICP		
			D62164	161	161.88	0.88	0.002	AGAT_FAICP		
161.88	186.83	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone medium-grained dark grey quartzofeldspathic groundmass with disseminated interstitial biotite and lesser amphibole; weak to moderate foliation and occasional massive grey quartz veinlets; one granitic pegmatite interval as well as sparse quartzofeldspathic melt bands and intermittent quartz-carbonate veinlets with potassic to sericitic alteration envelopes	D62165	161.88	163	1.12	0.035	AGAT_FAICP		
			D62167	163	164	1	0.038	AGAT_FAICP		
			D62168	164	165.24	1.24	0.018	AGAT_FAICP		
			D62169	165.24	165.54	0.3	0.007	AGAT_FAICP		
			D62170	165.54	166	0.46	0.026	AGAT_FAICP		
			D62171	166	166.8	0.8	0.06	AGAT_FAICP		
			D62187	180	181.5	1.5	0.059	AGAT_FAICP		
			D62188	181.5	182.5	1	0.059	AGAT_FAICP		
			D62189	182.5	184	1.5	1.5	AGAT_FAICP		
			D62190	184	185.5	1.5	0.017	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D62191	185.5	186.83	1.33	0.031	AGAT_FAICP		
			D62180	173	174.5	1.5	0.012	AGAT_FAICP		
			D62181	174.5	176	1.5	0.018	AGAT_FAICP		
			D62182	176	177.5	1.5	0.021	AGAT_FAICP		
			D62183	177.5	178.82	1.32	0.029	AGAT_FAICP		
			D62184	178.82	179.12	0.3	0.007	AGAT_FAICP		
			D62185	179.12	180	0.88	0.028	AGAT_FAICP		
			D62173	166.8	167.1	0.3	0.022	AGAT_FAICP		
			D62174	167.1	168	0.9	0.035	AGAT_FAICP		
			D62175	168	169	1	0.075	AGAT_FAICP		
			D62176	169	170	1	0.077	AGAT_FAICP		
			D62177	170	171.5	1.5	0.023	AGAT_FAICP		
			D62179	171.5	173	1.5	0.071	AGAT_FAICP		
186.83	187.51	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D62193	186.83	187.51	0.68	0.01	AGAT_FAICP		
		very coarse-grained pink and grey intrusive granitic pegmatite with sharp undulating contacts and transition from quartz-dominant to reddened feldspar-dominant groundmass; one small 3 cm wide lamprophyre dykelet cuts through unit								
187.51	233.03	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D62194	187.51	189	1.49	0.011	AGAT_FAICP		
		medium to coarse-grained dark grey quartz-feldspar groundmass with interstitial disseminated biotite and lesser amphibole; upper half of interval contains numerous abundant foliation-parallel quartzofeldspathic bands on the scale of 0.5 to 2 cm widths; some wider quartz and quartz-feldspar bands present along with intermittent quartz-carbonate veinlets boasting potassic and sericitic alteration envelopes; melt-related grain coarsening from 227 m to 229 m depth	D62195	189	190.5	1.5	0.011	AGAT_FAICP		
			D62196	190.5	192	1.5	0.042	AGAT_FAICP		
			D62197	192	193.5	1.5	0.01	AGAT_FAICP		
			D62199	193.5	195	1.5	0.009	AGAT_FAICP		
			D62200	195	196.34	1.34	0.012	AGAT_FAICP		
			D62229	225	226.5	1.5	0.005	AGAT_FAICP		
			D62230	226.5	228	1.5	0.007	AGAT_FAICP		
			D62231	228	229.5	1.5	0.008	AGAT_FAICP		
			D62233	229.5	231	1.5	0.008	AGAT_FAICP		
			D62234	231	232.4	1.4	0.034	AGAT_FAICP		
			D62235	232.4	233.03	0.63	0.046	AGAT_FAICP		
			D62222	217.5	219	1.5	0.026	AGAT_FAICP		
			D62223	219	220.5	1.5	0.006	AGAT_FAICP		
			D62224	220.5	222	1.5	0.005	AGAT_FAICP		
			D62225	222	222.3	0.3	0.012	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D62227	222.3	223.5	1.2	0.007	AGAT_FAICP		
			D62228	223.5	225	1.5	0.003	AGAT_FAICP		
			D62215	211	212.5	1.5	0.017	AGAT_FAICP		
			D62216	212.5	214	1.5	0.011	AGAT_FAICP		
			D62217	214	214.5	0.5	0.018	AGAT_FAICP		
			D62219	214.5	214.8	0.3	0.007	AGAT_FAICP		
			D62220	214.8	216	1.2	0.013	AGAT_FAICP		
			D62221	216	217.5	1.5	0.008	AGAT_FAICP		
			D62208	204	205	1	0.004	AGAT_FAICP		
			D62209	205	206.5	1.5	0.007	AGAT_FAICP		
			D62210	206.5	206.8	0.3	0.007	AGAT_FAICP		
			D62211	206.8	208	1.2	0.01	AGAT_FAICP		
			D62213	208	209.5	1.5	0.05	AGAT_FAICP		
			D62214	209.5	211	1.5	0.008	AGAT_FAICP		
			D62201	196.34	196.64	0.3	0.039	AGAT_FAICP		
			D62202	196.64	198	1.36	0.005	AGAT_FAICP		
			D62203	198	199.5	1.5	0.003	AGAT_FAICP		
			D62204	199.5	201	1.5	0.007	AGAT_FAICP		
			D62205	201	202.5	1.5	0.011	AGAT_FAICP		
			D62207	202.5	204	1.5	0.008	AGAT_FAICP		
233.03	233.43	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D62236	233.03	233.43	0.4	0.003	AGAT_FAICP		
		very fine to fine-grained grey and black carbonate-phenocrystic intrusive lamprophyre dyke with knife-sharp sericite-chlorite altered contacts								
233.43	234.87	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D62237	233.43	234	0.57	0.027	AGAT_FAICP		
		medium to coarse-grained grey quartz-feldspar-biotite unit with foliation where wallrock patches remain as interval is distinguished by intermittent massive grey quartz veins in lower half of unit; potassic and sericitic alteration envelopes on hairline quartz-carbonate veinlets	D62239	234	234.87	0.87	0.026	AGAT_FAICP		
234.87	237.96	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D62240	234.87	235.6	0.73	0.138	AGAT_FAICP		
		medium-grained green and grey intermediate amphibolite with sharp unaltered contacts at low angle to core long axis; occasional thin grey quartz veinlets and strong potassic-sericitic haloes on crosscutting quartz-carbonate veinlets	D62241	235.6	237	1.4	0.002	AGAT_FAICP		
			D62242	237	237.96	0.96	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
237.96	238.31	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone medium-grained light grey and white quartzofeldspathic unit with diffuse patchy bands of disseminated biotite; one quartz-carbonate veinlet with weak potassic and sericitic alteration halo	D62243	237.96	238.31	0.35	0.016	AGAT_FAICP		
238.31	238.97	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) fine-grained green and grey largely unfoliated and unaltered intermediate amphibolite; two quartz-carbonate stringers with potassic-sericitic alteration envelopes	D62244	238.31	238.97	0.66	0.104	AGAT_FAICP		
238.97	239.81	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone fine to medium-grained grey foliated quartz-feldspar-biotite unit characterized by alternating quartose or quartzofeldspathic veinlets and quartz-feldspar-biotite wallrock bands; set of moderate to strong sericite-enveloped quartz-carbonate veinlets	D62245	238.97	239.81	0.84	0.007	AGAT_FAICP		
239.81	243.51	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) fine to medium-grained green and grey weakly-foliated intermediate amphibolite with intermittent bands of light grey FGS and the occasional grey massive barren quartz vein	D62247	239.81	241	1.19	0.006	AGAT_FAICP		
			D62248	241	242	1	0.017	AGAT_FAICP		
			D62249	242	242.7	0.7	0.018	AGAT_FAICP		
			D62250	242.7	243.51	0.81	0.007	AGAT_FAICP		
243.51	249.42	(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, (AMPIN) Intermediate Amphibolite (50-69% amphibole) alternating bands of quartzofeldspathic and amphibole-rich groundmass with both band types containing amphibole and biotite; likely an erosional buffer between underlying protolithic volcanic suite and overlying younger protolithic sedimentary package; medium to coarse-grained grey and green intermediate amphibolite with higher quartz-feldspar component than usual and biotite disseminated in with the amphibole; little to no visible alteration	D62251	243.51	245	1.49	0.003	AGAT_FAICP		
			D62253	245	246.5	1.5	0.007	AGAT_FAICP		
			D62254	246.5	248	1.5	0.004	AGAT_FAICP		
			D62255	248	249.42	1.42	0.004	AGAT_FAICP		
249.42	249.72	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) roughly equal proportions of patchy pink feldspar and grey quartz with sharp contacts	D62256	249.42	249.72	0.3	0.003	AGAT_FAICP		
249.72	269.50	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D62257	249.72	251	1.28	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
coarse-grained green and grey intermediate amphibolite with intermittent banding defined by varying portions of quartz and feldspar in the groundmass or of course in consequence by inversely varying amphibole and biotite; occasional massive grey quartz veinlets and intermittent potassic-sericitic alteration envelopes			D62259	251	252.5	1.5	0.002	AGAT_FAICP		
			D62260	252.5	254	1.5	0.0005	AGAT_FAICP		
			D62261	254	255.5	1.5	0.001	AGAT_FAICP		
			D62262	255.5	257	1.5	0.002	AGAT_FAICP		
			D62263	257	258.5	1.5	0.002	AGAT_FAICP		
			D62271	262.5	264	1.5	0.005	AGAT_FAICP		
			D62273	264	265.5	1.5	0.004	AGAT_FAICP		
			D62274	265.5	267	1.5	0.003	AGAT_FAICP		
			D62275	267	268.5	1.5	0.003	AGAT_FAICP		
			D62276	268.5	269.5	1	0.003	AGAT_FAICP		
			D62264	258.5	258.8	0.3	0.0005	AGAT_FAICP		
			D62265	258.8	259.1	0.3	0.004	AGAT_FAICP		
			D62267	259.1	259.4	0.3	0.004	AGAT_FAICP		
			D62268	259.4	260	0.6	0.001	AGAT_FAICP		
			D62269	260	261.12	1.12	0.002	AGAT_FAICP		
			D62270	261.12	262.5	1.38	0.002	AGAT_FAICP		
269.50	270.58	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D62277	269.5	270.58	1.08	0.001	AGAT_FAICP		
coarse to very coarse-grained granitic pegmatite that transitions from wallrock-incorporating quartz-feldspar-biotite equigranular section into an area of cm-scale quartz grains encompassed by interstitial biotite and feldspar										
270.58	273.43	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D62279	270.58	271	0.42	0.003	AGAT_FAICP		
coarse-grained green and grey weakly-foliated intermediate amphibolite with occasional quartz-carbonate veinlets hosting sericitic and potassic alteration envelopes; thin quartz and quartzofeldspathic veinlets in places			D62280	271	271.75	0.75	0.002	AGAT_FAICP		
			D62281	271.75	272.1	0.35	0.002	AGAT_FAICP		
			D62282	272.1	273.43	1.33	0.002	AGAT_FAICP		
			273.43	273.86	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D62283	273.43	273.86	0.43	0.0005
coarse to very coarse-grained pink and grey quartzofeldspathic groundmass with very coarse patches of interstitial to semimassive biotite										
273.86	275.78	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D62284	273.86	274.8	0.94	0.003	AGAT_FAICP		
			D62285	274.8	275.78	0.98	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		medium to coarse-grained green and grey intermediate amphibolite with trace foliation and occasional quartz to quartz-feldspar veinlets; intermittent quartz-carbonate veinlets with sericite alteration envelopes								
275.78	276.88	(PEG, AMP) Pegmatite, Amphibolite, (PEGGR) Granitic Pegmatite (<50% quartz)	D62287	275.78	276.88	1.1	0.003	AGAT_FAICP		
		coarse to very coarse-grained granitic pegmatite intercalated with broken up bands of intermediate amphibolite hostrock								
276.88	279.50	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D62288	276.88	278	1.12	0.011	AGAT_FAICP		
		medium to coarse-grained green and grey intermediate amphibolite with weak foliation and occasional thin quartz veinlets	D62289	278	279.5	1.5	0.003	AGAT_FAICP		
279.50	280.13	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D62290	279.5	280.13	0.63	0.002	AGAT_FAICP		
		medium-grained grey and black quartz-feldspar-biotite unit with banding defined by anastomosing bands of biotite separated by quartz-feldspar material with lesser disseminated biotite flecks								
280.13	313.70	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D62291	280.13	281	0.87	0.001	AGAT_FAICP		
		green and grey fine to medium-grained intermediate amphibolite with weak to moderate foliation and sections of white opaque flecks of leucosomatic melt; occasional grey quartz veinlets and several small pink and grey granitic pegmatites with contacts provided in point structures tab. Compositional banding and variation within the unit is sharp and diffuse as plagioclase content decreases becoming more mafic locally. Coarse garnets locally. No sulfides observed.	D62293	281	282.5	1.5	0.002	AGAT_FAICP		
			D62294	282.5	284	1.5	0.006	AGAT_FAICP		
			D62295	284	285.3	1.3	0.015	AGAT_FAICP		
			D62296	285.3	286.1	0.8	0.003	AGAT_FAICP		
			D62297	286.1	287	0.9	0.003	AGAT_FAICP		
			D62327	308	309	1	0.006	AGAT_FAICP		
			D62328	309	310	1	0.004	AGAT_FAICP		
			D62329	310	311	1	0.005	AGAT_FAICP		
			D62330	311	312	1	0.004	AGAT_FAICP		
			D62331	312	313	1	0.003	AGAT_FAICP		
			D62333	313	313.7	0.7	0.004	AGAT_FAICP		
			D62320	303	304	1	0.001	AGAT_FAICP		
			D62321	304	304.9	0.9	0.001	AGAT_FAICP		
			D62322	304.9	305.6	0.7	0.004	AGAT_FAICP		
			D62323	305.6	306.3	0.7	0.004	AGAT_FAICP		
			D62324	306.3	307	0.7	0.006	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D62325	307	308	1	0.005	AGAT_FAICP		
			D62313	297.74	298.45	0.71	0.004	AGAT_FAICP		
			D62314	298.45	299	0.55	0.005	AGAT_FAICP		
			D62315	299	300	1	0.0005	AGAT_FAICP		
			D62316	300	301	1	0.005	AGAT_FAICP		
			D62317	301	302	1	0.001	AGAT_FAICP		
			D62319	302	303	1	0.001	AGAT_FAICP		
			D62305	293	294	1	0.003	AGAT_FAICP		
			D62307	294	295	1	0.005	AGAT_FAICP		
			D62308	295	295.94	0.94	0.002	AGAT_FAICP		
			D62309	295.94	296.5	0.56	0.003	AGAT_FAICP		
			D62310	296.5	297	0.5	0.001	AGAT_FAICP		
			D62311	297	297.74	0.74	0.001	AGAT_FAICP		
			D62299	287	288	1	0.004	AGAT_FAICP		
			D62300	288	289	1	0.003	AGAT_FAICP		
			D62301	289	290	1	0.003	AGAT_FAICP		
			D62302	290	291	1	0.002	AGAT_FAICP		
			D62303	291	292	1	0.013	AGAT_FAICP		
			D62304	292	293	1	0.002	AGAT_FAICP		
313.70	322.10	(FGS) Felsic Gneiss Sedimentary, ()	D62334	313.7	315	1.3	0.001	AGAT_FAICP		
<p>Medium to coarse grained moderately foliated compositionally banded FGS. Grain size varied throughout as white and grey QF melt veins and patches are observed locally the biotite rich FGS unit typically parallel to foliation. Locally minor K alteration observed as K spar is observed. No sulfides observed. Non magnetic. Few small barren QVs. Diffuse upper contact. Sharp lower contact.</p>			D62335	315	316	1	0.0005	AGAT_FAICP		
			D62336	316	317	1	0.002	AGAT_FAICP		
			D62337	317	318	1	0.003	AGAT_FAICP		
			D62339	318	319	1	0.004	AGAT_FAICP		
			D62340	319	320	1	0.002	AGAT_FAICP		
			D62341	320	321	1	0.004	AGAT_FAICP		
			D62342	321	322.1	1.1	0.002	AGAT_FAICP		
322.10	322.50	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D62343	322.1	322.5	0.4	0.002	AGAT_FAICP		
<p>Fine to medium grained compositionally banded dark green LAMP dyke. Several small white qtz carb veins. Minor xenoliths. Non magnetic. Weak K alteration halos above and below. No sulfides.</p>										
322.50	332.33	(FGS) Felsic Gneiss Sedimentary, ()								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
Medium to coarse grained moderately foliated compositionally banded FGS. Grain size varied throughout as white and grey QF melt veins and patches are observed throughout the biotite rich FGS unit typically parallel to foliation. Locally minor K alteration observed as K spar is observed. No sulfides observed. Non magnetic. Few small barren QVs.			D62344	322.5	323	0.5	0.002	AGAT_FAICP		
			D62345	323	324	1	0.004	AGAT_FAICP		
			D62347	324	325	1	0.003	AGAT_FAICP		
			D62348	325	326	1	0.002	AGAT_FAICP		
			D62349	326	327	1	0.002	AGAT_FAICP		
			D62350	327	328	1	0.0005	AGAT_FAICP		
			D62351	328	329	1	0.001	AGAT_FAICP		
			D62353	329	330	1	0.001	AGAT_FAICP		
			D62354	330	331	1	0.002	AGAT_FAICP		
			D62355	331	332	1	0.001	AGAT_FAICP		
332.33 337.87 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Massive pink and grey PEG vein. No sulfides. Non magnetic. Pervasive weak to moderate pink K alteration. Banded and gradual upper contact with a sharp immediate second contact where the PEG vein becomes massive. Sharp immediate lower contact. Coarse euhedral biotite throughout.			D62357	332.33	333.34	1.01	0.002	AGAT_FAICP		
			D62359	333.34	334	0.66	0.0005	AGAT_FAICP		
			D62360	334	335	1	0.002	AGAT_FAICP		
			D62361	335	336	1	0.0005	AGAT_FAICP		
			D62362	336	337	1	0.101	AGAT_FAICP		
			D62363	337	337.87	0.87	0.001	AGAT_FAICP		
337.87 342.13 (AMP) Amphibolite, () Fine to medium grained weakly to moderately foliated greyish green AMP. Compositionally homogenous. No sulfides. Non magnetic. Sharp immediate upper and lower contacts.			D62364	337.87	339	1.13	0.006	AGAT_FAICP		
			D62365	339	340	1	0.004	AGAT_FAICP		
			D62367	340	341	1	0.001	AGAT_FAICP		
			D62368	341	342.13	1.13	0.001	AGAT_FAICP		
342.13 342.84 (PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Pink medium to coarse PEG vein with sharp upper and lower contacts. Ample biotite. No sulfides. Non magnetic.			D62369	342.13	342.84	0.71	0.001	AGAT_FAICP		
342.84 343.63 (AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) Fine to medium grained weakly to moderately foliated grey and green intermediate AMP. No sulfides. Non magnetic. Sharp immediate upper and lower contacts. Several small white veinlets with moderate alteration halos.			D62370	342.84	343.63	0.79	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
343.63	344.08	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D62371	343.63	344.08	0.45	0.002	AGAT_FAICP		
Pink medium to coarse PEG vein with sharp upper and lower contacts. Ample biotite. No sulfides. Non magnetic.										
344.08	351.00	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D62373	344.08	345	0.92	0.002	AGAT_FAICP		
Fine to medium grained weakly to moderately foliated grey and green intermediate AMP. No sulfides. Non magnetic. Sharp immediate upper and lower contacts. Several small white veinlets with moderate alteration halos locally. EOH=351.0m										
			D62374	345	346	1	0.001	AGAT_FAICP		
			D62375	346	347	1	0.002	AGAT_FAICP		
			D62376	347	348	1	0.0005	AGAT_FAICP		
			D62377	348	349	1	0.0005	AGAT_FAICP		
			D62379	349	350	1	0.001	AGAT_FAICP		
			D62380	350	351	1	0.002	AGAT_FAICP		EOH=351.0m

Hole ID : RD19-00019

Project : Borden

Drilling Details :

Azimuth : 173
 Dip : -45
 Length : 360
 Drill Start : 26-Jul-2019
 Drill Completed : 31-Jul-2019
 Core Size : NQ
 Drill Company : Major
 Oriented Core : No

Location Details :

Easting : 338500
 Northing : 5302682
 Elevation : 446
 UTM Grid : NAD83_UTMZ17N_GPS
 Township : Borden
 Storage Location : Chapleau Ont

Logging Details :

Logged By : Alex.Jibb
 Logged By 2 : Tyler.Compton
 Log Start : 30-Jul-2019
 Log Completed : 12-Aug-2019
 Re-Logged By :
 Re-Log Start :
 Re-Log Completed :

Comments :

hexagonal stabilization and full core orientation; geology reflects regional melting patterns and fluid flux characterized by alternating FGS and young intrusive pegmatite swarms; FGS commonly hosts melt textures such as wavy diffuse quartzofeldspathic banding at low angle to core long axis and varying degrees of silicification; minimal mineralization and no amphibolite within hole; ultramafic lamprophyre dykes present throughout but focused between 200 and 300 metres depth; GPS coordinates updated using waypoint averaging on Garmin hand-held; alex jibb logged from 0 to 67 m; colt meyer logged from 67 to 110.4 m and from 309.38 to 360; tyler compton logged from 110.4 to 309.38 m

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	11.20	(OB) Overburden, ()								
Casing to 11.20m										
11.20	35.73	(FGS) Felsic Gneiss Sedimentary, ()	D64687	11.2	12	0.8	0.003	AGAT_FAICP		Casing to 11.20m
Grey/whiteish-grey to reddish-pink/pink; fmg; moderate-strong silicification and moderate-intense variable POT alteration throughout appearing as bands to patchy; few melt-textured PEGGR veinlets/stringers cut unit generally concordant with overall foliation measured at 22.90m with a60 b360 and again at 31.42m with a47 b354; one larger potassic-stained PEG from 28.50-28.74m (see veining tab); few cm-scale AMP units cut unit parallel to foliation with larger dyklets at 26.10-26.23m and again at 26.35-26.45m; one small UMD-LAMPD at 29.70-29.77 with up-cnct a50 b326 and lwr-cnct at a40b 326; banded texture defined by 7-10% fmg disseminated to banded BIO and QZ-CB-PEG stringers; poorly developed QZE towards end of interval showing weak POT staining to QZ-FSP eyes defining texture; no significant mineralization observed; sharp lower contact with UMD-LAMPD measured at a56 b360										
			D64688	12	13	1	0.002	AGAT_FAICP		
			D64689	13	14	1	0.002	AGAT_FAICP		
			D64690	14	15	1	0.002	AGAT_FAICP		
			D64691	15	16	1	0.003	AGAT_FAICP		
			D64693	16	17	1	0.002	AGAT_FAICP		
			D64715	34	35	1	0.002	AGAT_FAICP		
			D64716	35	35.73	0.73	0.002	AGAT_FAICP		
			D64708	28.5	28.8	0.3	0.002	AGAT_FAICP		
			D64709	28.8	30	1.2	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D64710	30	31	1	0.002	AGAT_FAICP		
			D64711	31	32	1	0.002	AGAT_FAICP		
			D64713	32	33	1	0.002	AGAT_FAICP		
			D64714	33	34	1	0.002	AGAT_FAICP		
			D64701	23	24	1	0.002	AGAT_FAICP		
			D64702	24	25	1	0.002	AGAT_FAICP		
			D64703	25	26	1	0.001	AGAT_FAICP		
			D64704	26	26.5	0.5	0.002	AGAT_FAICP		
			D64705	26.5	27.5	1	0.002	AGAT_FAICP		
			D64707	27.5	28.5	1	0.002	AGAT_FAICP		
			D64694	17	18	1	0.002	AGAT_FAICP		
			D64695	18	19	1	0.002	AGAT_FAICP		
			D64696	19	20	1	0.002	AGAT_FAICP		
			D64697	20	21	1	0.001	AGAT_FAICP		
			D64699	21	22	1	0.002	AGAT_FAICP		
			D64700	22	23	1	0.002	AGAT_FAICP		
35.73	36.34	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D64717	35.73	36.34	0.61	0.003	AGAT_FAICP		
		Dark brown; vffg; enclaves/xenoliths of potassic altered FGS entrained in UMD matrix 8-10% overall; weak salty-texture defined by vffg subrounded-rounded carbonates; no sig min; sharp lower contact measured at a76 b360								
36.34	44.50	(FGS) Felsic Gneiss Sedimentary, ()	D64719	36.34	37.7	1.36	0.002	AGAT_FAICP		
		Grey to dark grey to reddish-pink/pink; fmg; moderate-strong silica overprinting; moderate patchy/banded potassic alteration; QZ-CB-FSP stringers cut unit at low angles to core axis to sub-parallel/parallel to core axis (concordant with foliation); foliation moderate-strongly defined measured at 42.18m with a40 b354; one undiff QV cuts unit subparallel to foliation at 37.76-37.99m; series of 2 successive LAMP dykes at 42.76-42.79m and 42.84-42.97m with upper and lower contacts a40 b306; no significant mineralization hosted in interval	D64720	37.7	38	0.3	0.002	AGAT_FAICP		
			D64721	38	39	1	0.002	AGAT_FAICP		
			D64722	39	40	1	0.002	AGAT_FAICP		
			D64723	40	41	1	0.002	AGAT_FAICP		
			D64724	41	42	1	0.002	AGAT_FAICP		
			D64725	42	42.7	0.7	0.002	AGAT_FAICP		
			D64727	42.7	43	0.3	0.002	AGAT_FAICP		
			D64728	43	44.5	1.5	0.002	AGAT_FAICP		
44.50	44.80	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D64729	44.5	44.8	0.3	0.002	AGAT_FAICP		
		White to cream-white to pale-pinkish-white; fmg; melt-textured PEG defined by lack of								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
individual grain boundaries; 5% fmg dissem BIO entrained in vein material defining a weak-moderate PEG texture; weak-moderate upper cnct and diffuse melt-textured lower contact with FGS; no significant mineralization										
44.80	51.00	(FGS) Felsic Gneiss Sedimentary, ()	D64730	44.8	46	1.2	0.002	AGAT_FAICP		
Grey to dark grey to pale/reddish-pink; fmg; moderate-strong silicification; moderate patchy to banded POT alteration defines texture in conjunction with cm-scale QZCB-FSP stringers cutting unit subparallel tca to low-angles tca (~20-30dtca); lclly weak-moderately siliceous; no sig min; inferred lower contact due to increase in pervasive potassic alteration			D64731	46	47	1	0.002	AGAT_FAICP		
			D64733	47	48	1	0.002	AGAT_FAICP		
			D64734	48	49	1	0.002	AGAT_FAICP		
			D64735	49	50	1	0.002	AGAT_FAICP		
			D64736	50	51	1	0.002	AGAT_FAICP		
51.00	57.00	(FGS) Felsic Gneiss Sedimentary, ()	D64737	51	52	1	0.002	AGAT_FAICP		
Red to pinkish-red to reddish-pink; fmg; strong-intense pervasive POT alteration to entire interval; cg red rhodochrosite present at upper contact and lclly hosted inside euhedral calcite/carbonate mineral; one green UMD at 52.87-53.06m with upper contact alpha 47 and lower contact alpha 56 (no lines on core to grab beta); weakly developed QZE texture downhole defined by poorly formed subhedral to subrounded QZ phenocrysts in the same strongly potassic altered matrix; 1 red granitic PEG vein from 56.35-56.53m with same upper and lower contacts measured at a50 b360; no sig min vein or litho hosted; inferred lower contact			D64739	52	52.76	0.76	0.002	AGAT_FAICP		
			D64740	52.76	53.06	0.3	0.007	AGAT_FAICP		
			D64741	53.06	54	0.94	0.002	AGAT_FAICP		
			D64742	54	55	1	0.002	AGAT_FAICP		
			D64743	55	56.3	1.3	0.002	AGAT_FAICP		
			D64744	56.3	56.6	0.3	0.002	AGAT_FAICP		
			D64745	56.6	57	0.4	0.001	AGAT_FAICP		
57.00	67.00	(FGS) Felsic Gneiss Sedimentary, ()	D64747	57	58	1	0.002	AGAT_FAICP		
Reddish-pink to grey to pink-grey; fmg; strongly silicified and moderately potassic altered (patchy to banded POT alt); many cm-scale QZ-CB-FSP stringers cut unit generally concordant with overall foliation measured at 60.34m with a45 b360; one sliver of AMP at 61.96-62.09m with upper cnct a54 b360 and lower cnct a52 b360; melt-textured lclly where increase in silica occur; 7-10% fmg BIO throughout; no sig min			D64748	58	59	1	0.002	AGAT_FAICP		
			D64749	59	60	1	0.002	AGAT_FAICP		
			D64750	60	61	1	0.002	AGAT_FAICP		
			D64751	61	61.9	0.9	0.002	AGAT_FAICP		
			D64753	61.9	62.2	0.3	0.002	AGAT_FAICP		
			D64754	62.2	63	0.8	0.002	AGAT_FAICP		
			D64755	63	64	1	0.002	AGAT_FAICP		
			D64756	64	65	1	0.002	AGAT_FAICP		
			D64757	65	66	1	0.002	AGAT_FAICP		
			D64759	66	67	1	0.005	AGAT_FAICP		
67.00	73.94	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D64760	67	68	1	0.004	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
fine to medium-grained generally massive quartzofeldspathic siliceous unit with disseminated biotite; fine to medium-grained quartzofeldspathic bands and strong potassic alteration envelopes on crosscutting quartz-carbonate veinlets			D64761	68	69	1	0.002	AGAT_FAICP		
			D64762	69	70.5	1.5	0.003	AGAT_FAICP		
			D64763	70.5	72	1.5	0.002	AGAT_FAICP		
			D64764	72	73	1	0.002	AGAT_FAICP		
			D64765	73	73.94	0.94	0.002	AGAT_FAICP		
73.94	77.20	(QV, FGS) Quartz Vein, Felsic Gneiss Sedimentary, (QZV) Quartz Vein Undifferentiated	D64767	73.94	74.54	0.6	0.002	AGAT_FAICP		
fine to coarse-grained intensely potassic-altered siliceous band of quartz and feldspar; some wallrock sections with variable alteration incorporated and small patches with pegmatitic grain size			D64768	74.54	74.84	0.3	0.002	AGAT_FAICP		
			D64769	74.84	76	1.16	0.003	AGAT_FAICP		
			D64770	76	77.2	1.2	0.002	AGAT_FAICP		
77.20	80.92	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D64771	77.2	78	0.8	0.002	AGAT_FAICP		
fine-grained pink and grey trace to weakly-foliated quartzofeldspathic unit with disseminated biotite; intermittent reddish-pink quartzofeldspathic bands and quartz-carbonate stringers			D64773	78	79	1	0.002	AGAT_FAICP		
			D64774	79	80	1	0.003	AGAT_FAICP		
			D64775	80	80.92	0.92	0.002	AGAT_FAICP		
80.92	81.43	(QV, UMD) Quartz Vein, UM\LAMP Dike, (QZV) Quartz Vein Undifferentiated	D64776	80.92	81.43	0.51	0.003	AGAT_FAICP		
15 cm intrusive lamprophyre dykelet followed by pink quartzofeldspathic vein with mosaic-like sections of equigranular feldspar and quartz as well as blotchy diffuse sections of blended quartz and feldspar										
81.43	110.40	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D64777	81.43	81.88	0.45	0.002	AGAT_FAICP		
fine to coarse-grained pink and grey quartz-feldspar-biotite unit with extensive potassic alteration in the form of envelopes around quartz-carbonate stringers; occasional quartzofeldspathic veins and intrusive lamprophyre dykelets			D64779	81.88	82.18	0.3	0.002	AGAT_FAICP		
			D64780	82.18	83.4	1.22	0.002	AGAT_FAICP		
			D64781	83.4	84	0.6	0.002	AGAT_FAICP		
			D64782	84	85.3	1.3	0.003	AGAT_FAICP		
			D64783	85.3	86	0.7	0.003	AGAT_FAICP		
			D64813	110	110.75	0.75	0.002	AGAT_FAICP		
			D64805	103.5	105	1.5	0.003	AGAT_FAICP		
			D64807	105	106	1	0.002	AGAT_FAICP		
			D64808	106	107	1	0.002	AGAT_FAICP		
			D64809	107	108	1	0.002	AGAT_FAICP		
		D64810	108	109	1	0.002	AGAT_FAICP			

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D64811	109	110	1	0.002	AGAT_FAICP		
			D64799	97	98	1	0.002	AGAT_FAICP		
			D64800	98	99	1	0.002	AGAT_FAICP		
			D64801	99	100	1	0.002	AGAT_FAICP		
			D64802	100	101	1	0.002	AGAT_FAICP		
			D64803	101	102	1	0.002	AGAT_FAICP		
			D64804	102	103.5	1.5	0.002	AGAT_FAICP		
			D64791	91	92	1	0.002	AGAT_FAICP		
			D64793	92	93.5	1.5	0.002	AGAT_FAICP		
			D64794	93.5	95	1.5	0.003	AGAT_FAICP		
			D64795	95	96	1	0.003	AGAT_FAICP		
			D64796	96	96.7	0.7	0.002	AGAT_FAICP		
			D64797	96.7	97	0.3	0.002	AGAT_FAICP		
			D64784	86	87	1	0.002	AGAT_FAICP		
			D64785	87	88.5	1.5	0.002	AGAT_FAICP		
			D64787	88.5	89	0.5	0.002	AGAT_FAICP		
			D64788	89	90	1	0.002	AGAT_FAICP		
			D64789	90	90.6	0.6	0.002	AGAT_FAICP		
			D64790	90.6	91	0.4	0.003	AGAT_FAICP		

110.40 110.75 (PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)

Typical PEG. ~40% dark pink Kspar; or K altered fspr. Minor dissem biot. Ultra trace very fine Py.

110.75 116.95 (FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS

Amp-biot rich FGS; ~30% cobined; dissem porphs <3mm. No significant sulfs. Siliceous groundmass. Foliation imparted by weak compositional banding (quartzose lithons <1cm). Minor pink K alt assoc with qz lithons and as halos surrounding discordant late fracs and veinlets. ~5% fine dissem musc.

D64815	110.75	111.3	0.55	0.002	AGAT_FAICP	D64814 not used
D64816	111.3	112	0.7	0.002	AGAT_FAICP	
D64817	112	113	1	0.002	AGAT_FAICP	
D64819	113	114	1	0.002	AGAT_FAICP	
D64820	114	115	1	0.002	AGAT_FAICP	
D64821	115	116	1	0.004	AGAT_FAICP	
D64822	116	116.95	0.95	0.002	AGAT_FAICP	

116.95 118.75 (UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Typical UMD. Prominent alteration halos at contacts; green; fine grained. No vis sulfs.

D64823	116.95	118	1.05	0.003	AGAT_FAICP	
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From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Nebulous cb porphs throughout; 1-10mm; hosted in fine grained dark grey-brown groundmass. Dm scale host rock xenolith at lower contact.	D64824	118	118.75	0.75	0.003	AGAT_FAICP		
118.75	127.45	(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS	D64825	118.75	119.3	0.55	0.002	AGAT_FAICP		
		Similar to previous FGS but distinguished by notable increase in vein density; 2%. Veining appears early; strongly deformed; diffuse contacts. Veining and foliation exhibit well defined F1 and F2 folding respectively. No significant sulfs. Abundant prominent pink K halos surrounding vein and healed frac. Notably lower amp-biot content; ~15-20% combined.	D64827	119.3	120	0.7	0.002	AGAT_FAICP		
			D64828	120	121	1	0.002	AGAT_FAICP		
			D64829	121	122	1	0.002	AGAT_FAICP		
			D64830	122	123	1	0.002	AGAT_FAICP		
			D64831	123	124	1	0.002	AGAT_FAICP		
			D64833	124	125	1	0.038	AGAT_FAICP		
			D64834	125	126	1	0.002	AGAT_FAICP		
			D64835	126	127	1	0.0005	AGAT_FAICP		
			D64836	127	127.45	0.45	0.0005	AGAT_FAICP		
127.45	127.70	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D64837	127.45	127.75	0.3	0.001	AGAT_FAICP		
		Creamy white fspr with lesser grey qz. Characterized by presence of 0.2% dissem/blebby magnetite with red hem rims. No significant sulfs. Diffuse contacts. Abundant frac controlled K-Hem alt.								
127.70	143.15	(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS	D64839	127.75	128.2	0.45	0.0005	AGAT_FAICP		
		Melt textured FGS; composition as previous. Characterized by 2-5% veining exhibiting strong ductile deformation; folded and boudinaged. Foliation attitude changes significantly on dm scale; suggests folding.	D64840	128.2	129	0.8	0.0005	AGAT_FAICP		
			D64841	129	130	1	0.0005	AGAT_FAICP		
			D64842	130	131	1	0.0005	AGAT_FAICP		
			D64843	131	132	1	0.007	AGAT_FAICP		
			D64844	132	133	1	0.0005	AGAT_FAICP		
			D64853	139	140	1	0.0005	AGAT_FAICP		
			D64854	140	141	1	0.0005	AGAT_FAICP		
			D64855	141	142	1	0.0005	AGAT_FAICP		
			D64856	142	143.15	1.15	0.0005	AGAT_FAICP		
			D64845	133	134	1	0.0005	AGAT_FAICP		
			D64847	134	135	1	0.0005	AGAT_FAICP		
			D64848	135	136	1	0.002	AGAT_FAICP		
		D64849	136	137	1	0.005	AGAT_FAICP			
		D64850	137	138	1	0.001	AGAT_FAICP			

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D64851	138	139	1	0.002	AGAT_FAICP		
143.15	143.50	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D64857	143.15	143.5	0.35	0.002	AGAT_FAICP		Diffuse contacts obscured by silicification. Strongly K-Hem altered throughout. No vis sulfs. Equigranular; phaneritic to pegmatitic. Fspar xls size <7mm; subhedral.
143.50	147.52	(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS	D64859	143.5	144	0.5	0.0005	AGAT_FAICP		Moderately to strongly altered; K-Hem alteration locally strong in veins and halos; siliceous throughout. No significant sulfs. Minor fine dissem biot-amp; ~10% combined. ~2% veining; mostly concordant with foliation; cm scale <5cm; prominent; weakly deformed/boudinaged. Abundant haloed chaotic microfracs.
			D64860	144	145	1	0.0005	AGAT_FAICP		
			D64861	145	146	1	0.0005	AGAT_FAICP		
			D64862	146	147	1	0.0005	AGAT_FAICP		
			D64863	147	147.52	0.52	0.002	AGAT_FAICP		
147.52	147.90	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D64864	147.52	147.9	0.38	0.002	AGAT_FAICP		As described in 143.15-143.5m
147.90	149.40	(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS	D64865	147.9	148.45	0.55	0.001	AGAT_FAICP		As described in 143.5-147.52m
			D64867	148.45	149	0.55	0.023	AGAT_FAICP		
			D64868	149	149.4	0.4	0.001	AGAT_FAICP		
149.40	150.80	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D64869	149.4	150	0.6	0.001	AGAT_FAICP		As described in 143.15-143.5m. Minor altered biot with ser rims; mm scale.
			D64870	150	150.8	0.8	0.0005	AGAT_FAICP		
150.80	155.45	(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS	D64871	150.8	151.4	0.6	0.0005	AGAT_FAICP		As described in 147.9-149.4m. Rare AMP beds <5cm; planar; distinct contacts. No vis sulfs.
			D64873	151.4	152	0.6	0.0005	AGAT_FAICP		
			D64874	152	153	1	0.0005	AGAT_FAICP		
			D64875	153	153.55	0.55	0.0005	AGAT_FAICP		
			D64876	153.55	154.1	0.55	0.0005	AGAT_FAICP		
			D64877	154.1	154.9	0.8	0.0005	AGAT_FAICP		
			D64879	154.9	155.45	0.55	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
155.45	158.50	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz) Qz rich PEG. Strongly K-Hem altered; pervasive within interval. Alteration obscures contacts. Contacts exhibit melt texture. Equigranular; <1cm xls. Minor dissem biot. No vis sulfs. Rare discordant veins; <1cm; white qz; brecciated; significant Py aggs restricted to veins.	D64880	155.45	156	0.55	0.0005	AGAT_FAICP		
			D64881	156	157	1	0.0005	AGAT_FAICP		
			D64882	157	158	1	0.001	AGAT_FAICP		
			D64883	158	158.5	0.5	0.001	AGAT_FAICP		
158.50	165.70	(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS Grey FGS with 10-15% fine dissem biot and minor dissem musc. Melt texture resulting in diffuse dm scale quartzose enclaves. 3% concordant veining; appears early (diffuse margins; pegmatitic). Prominent K-Hem alt restricted to veins and vein halos. No visible sulfs. Prominent discordant microfracs with K-Hem halos.	D64884	158.5	159	0.5	0.0005	AGAT_FAICP		
			D64885	159	160	1	0.0005	AGAT_FAICP		
			D64887	160	161	1	0.0005	AGAT_FAICP		
			D64888	161	161.45	0.45	0.001	AGAT_FAICP		
			D64889	161.45	162	0.55	0.0005	AGAT_FAICP		
			D64890	162	163	1	0.0005	AGAT_FAICP		
			D64891	163	164	1	0.0005	AGAT_FAICP		
			D64893	164	165	1	0.0005	AGAT_FAICP		
D64894	165	165.7	0.7	0.001	AGAT_FAICP					
165.70	166.78	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz) As described in 155.45-158.5m but lacks veining.	D64895	165.7	166.15	0.45	0.0005	AGAT_FAICP		
			D64896	166.15	166.78	0.63	0.0005	AGAT_FAICP		
166.78	171.00	(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS Foliation imparted by veining and weak compositional banding. Foliation is more distinct than previous FGS. 5% veining; mostly concordant; weakly boundinaged. Occasional strongly deformed/nebulous PEG. Evidence of F1 and F2 folding. No visible sulfs.	D64897	166.78	167.4	0.62	0.003	AGAT_FAICP		
			D64899	167.4	168	0.6	0.0005	AGAT_FAICP		
			D64900	168	169	1	0.0005	AGAT_FAICP		
			D64901	169	170	1	0.0005	AGAT_FAICP		
			D64902	170	171	1	0.001	AGAT_FAICP		
171.00	171.68	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz) As described in 165.7-166.78m	D64903	171	171.68	0.68	0.001	AGAT_FAICP		
171.68	172.17	(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS Typical. As previous.	D64904	171.68	172.17	0.49	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
172.17	173.50	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D64905	172.17	172.95	0.78	0.006	AGAT_FAICP		
			D64907	172.95	173.5	0.55	0.0005	AGAT_FAICP		
As previous. Includes minor interval of FGS. Evidence of F1 folding.										
173.50	184.63	(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS	D64908	173.5	174	0.5	0.001	AGAT_FAICP		
			D64909	174	175	1	0.0005	AGAT_FAICP		
			D64910	175	176	1	0.001	AGAT_FAICP		
			D64911	176	177	1	0.001	AGAT_FAICP		
			D64913	177	178	1	0.0005	AGAT_FAICP		
			D64914	178	179	1	0.0005	AGAT_FAICP		
			D64915	179	180	1	0.0005	AGAT_FAICP		
			D64916	180	181	1	0.0005	AGAT_FAICP		
			D64917	181	182	1	0.001	AGAT_FAICP		
			D64919	182	183	1	0.0005	AGAT_FAICP		
			D64920	183	184	1	0.001	AGAT_FAICP		
D64921	184	184.5	0.5	0.0005	AGAT_FAICP					
Grey FGS with 15% fine dissem biot. Decimeter scale quartzose enclaves; nebulous; imparts melt texture. Varying foliation attitude. 2% qz veining; diffuse margins; mostly concordant. No vis sulfs. Minor K-Hem alt; locally strong in halos surrounding veinlets and discordant frags.										
184.63	184.80	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D64922	184.5	185	0.5	0.0005	AGAT_FAICP		
Intensely altered. Pale green with pink altered marginal host rock. No vis sulfs.										
184.80	195.90	(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS	D64923	185	186	1	0.0005	AGAT_FAICP		
			D64924	186	187	1	0.001	AGAT_FAICP		
			D64925	187	188	1	0.001	AGAT_FAICP		
			D64927	188	189	1	0.0005	AGAT_FAICP		
			D64928	189	190	1	0.0005	AGAT_FAICP		
			D64929	190	191	1	0.0005	AGAT_FAICP		
			D64930	191	192	1	0.0005	AGAT_FAICP		
			D64931	192	193	1	0.001	AGAT_FAICP		
			D64933	193	194	1	0.0005	AGAT_FAICP		
			D64934	194	195	1	0.0005	AGAT_FAICP		
			D64935	195	195.85	0.85	0.0005	AGAT_FAICP		
As described in 173.5-184.63m. Foliation attitude varies significantly throughout interval; suggests folding.										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
195.90	196.75	(PEG, AMP) Pegmatite, Amphibolite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D64936	195.85	196.75	0.9	0.001	AGAT_FAICP		Comingled AMP and PEG. PEG as previously described; exhibits strong deformation. AMP is fine equigranular; foliation imparted by alignment of dissem amp-biot. 50% fspr (albite?) groundmass. No vis sulfs throughout interval.
196.75	197.55	(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS	D64937	196.75	197.55	0.8	0.0005	AGAT_FAICP		Typical FGS with notable increase in biot content relative to previous FGS. No vis sulfs. Typical alteration.
197.55	200.50	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D64939	197.55	198	0.45	0.001	AGAT_FAICP		Typical qz dominated PEG. Deformed and discordant contacts. Millimeter scale subhedral xls; mostly equigranular. Minor porphyroblastic biot; euhedral; <1cm. No vis sulfs. Selective pink K-Hem alt; moderate to strong.
			D64940	198	199	1	0.001	AGAT_FAICP		
			D64941	199	200	1	0.002	AGAT_FAICP		
			D64942	200	200.5	0.5	0.0005	AGAT_FAICP		
200.50	206.05	(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS	D64943	200.5	201	0.5	0.0005	AGAT_FAICP		Compositional banding comprising intercalated biot-rich and qz-rich lithons; mm to cm scale <2cm. Occ minor PEGs and discordant veinlets. Locally strong pink K-Hem alt assoc with veinlets and microfrac colonies. No vis sulfs.
			D64944	201	202	1	0.0005	AGAT_FAICP		
			D64945	202	203	1	0.001	AGAT_FAICP		
			D64947	203	204	1	0.002	AGAT_FAICP		
			D64948	204	205	1	0.001	AGAT_FAICP		
			D64949	205	206	1	0.001	AGAT_FAICP		
206.05	206.40	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D64950	206	206.4	0.4	0.0005	AGAT_FAICP		PEG as in 197.55-200.5m
206.40	208.50	(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS	D64951	206.4	207	0.6	0.001	AGAT_FAICP		FGS as in 200.5-206.05m
			D64953	207	207.65	0.65	0.001	AGAT_FAICP		
			D64954	207.65	208.25	0.6	0.001	AGAT_FAICP		
208.50	209.40	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D64955	208.25	209.5	1.25	0.003	AGAT_FAICP		Pale green UMD; strongly altered. Host rock exhibits intense K-Hem contact alteration halo.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
No vis sulfs. Non-magnetic.										
209.40	218.63	(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS	D64956	209.5	210	0.5	0.001	AGAT_FAICP		
FGS as in 206.4-208.5m. 2% qz veining; early; diffuse margins; locally exhibiting F1 and F2 folding (possible folded compositional banding?)			D64957	210	211	1	0.003	AGAT_FAICP		
			D64959	211	212	1	0.016	AGAT_FAICP		
			D64960	212	213	1	0.0005	AGAT_FAICP		
			D64961	213	214	1	0.0005	AGAT_FAICP		
			D64962	214	215	1	0.0005	AGAT_FAICP		
			D64963	215	216	1	0.0005	AGAT_FAICP		
			D64964	216	216.65	0.65	0.0005	AGAT_FAICP		
			D64965	216.65	217.35	0.7	0.0005	AGAT_FAICP		
			D64967	217.35	218	0.65	0.001	AGAT_FAICP		
			D64968	218	218.63	0.63	0.0005	AGAT_FAICP		
218.63	219.25	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D64969	218.63	219.25	0.62	0.0005	AGAT_FAICP		
PEG as in 206.05-206.4m										
219.25	219.30	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke								
Minor LAMP. Intense alteration; green-yellow (possible chlorite?). No mag. No vis sulfs.										
219.30	224.17	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D64970	219.25	220	0.75	0.0005	AGAT_FAICP		
Grey; equigranular. Melted texture; nebulous quartzose enclaves. No vis sulfs. No significant alteration. Poor foliation development.			D64971	220	221	1	0.0005	AGAT_FAICP		
			D64973	221	222	1	0.0005	AGAT_FAICP		
			D64974	222	223	1	0.0005	AGAT_FAICP		
			D64975	223	223.5	0.5	0.002	AGAT_FAICP		
			D64976	223.5	224.17	0.67	0.002	AGAT_FAICP		
			224.17	224.45	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D64977	224.17	224.47	0.3	0.002
Typical PEG. Diffuse contacts; discordant. Mostly equigranular; mm scale; <1cm. Minor dissemin biot. No vis sulfs. Pink colouration at least partly due to K alteration.										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
224.45	226.15	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone As described in 219.3-224.17m	D64979	224.47	225	0.53	0.002	AGAT_FAICP		
			D64980	225	225.5	0.5	0.003	AGAT_FAICP		
			D64981	225.5	226.15	0.65	0.002	AGAT_FAICP		
226.15	226.45	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz) As described in 224.17-224.45m	D64982	226.15	226.45	0.3	0.002	AGAT_FAICP		
226.45	229.50	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone As described in 224.45-226.15m. Occasional cm-dm scale enclaves of partial melt; transitional between PEG and FGS.	D64983	226.45	227	0.55	0.002	AGAT_FAICP		
			D64984	227	228	1	0.003	AGAT_FAICP		
			D64985	228	229	1	0.001	AGAT_FAICP		
			D64987	229	229.5	0.5	0.002	AGAT_FAICP		
229.50	231.14	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz) As described in 226.15-226.45m	D64988	229.5	230.15	0.65	0.003	AGAT_FAICP		
			D64989	230.15	231.14	0.99	0.002	AGAT_FAICP		
231.14	232.45	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone As described in 224.45-226.15m. Comprises a single grey qz vein; barren; undeformed.	D64990	231.14	232	0.86	0.001	AGAT_FAICP		
			D64991	232	232.45	0.45	0.002	AGAT_FAICP		
232.45	233.40	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Typical UMD. Intensely altered contact aureole. Wall rock is intensely pink K-Hem altered. Light green alteration halo within UMD; possible chlor? No vis sulfs.	D64993	232.45	233.4	0.95	0.003	AGAT_FAICP		
233.40	235.37	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone As described in 231.14-232.45m. Occasional strongly deformed early veins; <3cm; ~2%.	D64994	233.4	234	0.6	0.002	AGAT_FAICP		
			D64995	234	235	1	0.002	AGAT_FAICP		
			D64996	235	235.37	0.37	0.002	AGAT_FAICP		
235.37	236.15	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz) As described in 229.5-231.14m	D64997	235.37	236.15	0.78	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
236.15	245.23	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone As described in 231.14-232.45m. Varying level of melting throughout. Weak foliation; attitude varies throughout; often low angle to core axis.	D62001	238	239	1	0.001	AGAT_FAICP		
			D62002	239	240	1	0.001	AGAT_FAICP		
			D62003	240	241	1	0.002	AGAT_FAICP		
			D62004	241	242	1	0.002	AGAT_FAICP		
			D62005	242	243	1	0.002	AGAT_FAICP		
			D62007	243	244	1	0.002	AGAT_FAICP		
			D62008	244	244.9	0.9	0.002	AGAT_FAICP		
			D62009	244.9	245.23	0.33	0.002	AGAT_FAICP		
			D64999	236.15	237	0.85	0.002	AGAT_FAICP		
			D65000	237	238	1	0.001	AGAT_FAICP		
245.23	245.56	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz) Typical PEG. Strong K-Hem alteration; pervasive. Minor frac controlled green alteration (cpx?). No vis sulfs. Gradational contacts.	D62010	245.23	245.67	0.44	0.001	AGAT_FAICP		
245.56	258.95	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone FGS mostly as previous. Hosts swarm of chaotic microfracs with prominent alteration halos (K-Ser). Poorly developed foliation; attitude varies throughout; indicative of folding. Occasional examples of closely folded foliation. No vis sulfs. Minor alteration restricted to veins and halos.	D62011	245.67	246.33	0.66	0.002	AGAT_FAICP		
			D62013	246.33	247	0.67	0.001	AGAT_FAICP		
			D62014	247	248	1	0.002	AGAT_FAICP		
			D62015	248	249	1	0.002	AGAT_FAICP		
			D62016	249	250	1	0.002	AGAT_FAICP		
			D62017	250	251	1	0.001	AGAT_FAICP		
			D62025	256	257	1	0.002	AGAT_FAICP		
			D62027	257	258	1	0.002	AGAT_FAICP		
			D62028	258	258.95	0.95	0.002	AGAT_FAICP		
			D62019	251	252	1	0.002	AGAT_FAICP		
			D62020	252	253	1	0.002	AGAT_FAICP		
			D62021	253	254	1	0.002	AGAT_FAICP		
			D62022	254	255.2	1.2	0.001	AGAT_FAICP		
			D62023	255.2	255.56	0.36	0.002	AGAT_FAICP		
D62024	255.56	256	0.44	0.001	AGAT_FAICP					
258.95	261.35	(UMD, FGS) UMLAMP Dike, Felsic Gneiss Sedimentary, (D62029	258.95	260	1.05	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		LAMPD) UMD - Lamprophyre Dyke	D62030	260	261	1	0.002	AGAT_FAICP		
		Interval comprises dm scale segments of UMD comingled with FGS. Both are intensely altered: UMD exhibits pervasive light green alteration (Chlor+cpx?); FGS exhibits pervasive pink-red colouration (K-Hem). No vis sulfs. Occasional brecciation in FGS.	D62031	261	261.35	0.35	0.002	AGAT_FAICP		
261.35	266.07	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D62033	261.35	262	0.65	0.002	AGAT_FAICP		
		As described in 245.56-258.95m. Varying foliation attitude.	D62034	262	263	1	0.001	AGAT_FAICP		
			D62035	263	264	1	0.002	AGAT_FAICP		
			D62036	264	265	1	0.001	AGAT_FAICP		
			D62037	265	266.07	1.07	0.002	AGAT_FAICP		
266.07	266.90	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D62039	266.07	266.9	0.83	0.002	AGAT_FAICP		
		Typical LAMP. No mag. No sulfs. Laminated altered margins.								
266.90	273.38	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D62040	266.9	268	1.1	0.002	AGAT_FAICP		
		As described in 261.35-266.07m. Highly varying foliation; exhibits F2 folding.	D62041	268	269	1	0.002	AGAT_FAICP		
			D62042	269	270	1	0.002	AGAT_FAICP		
			D62043	270	271	1	0.002	AGAT_FAICP		
			D62044	271	272	1	0.001	AGAT_FAICP		
			D62045	272	273	1	0.002	AGAT_FAICP		
			D62047	273	273.38	0.38	0.007	AGAT_FAICP		
273.38	274.65	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D62048	273.38	274	0.62	0.004	AGAT_FAICP		
		Strongly altered throughout. Green alteration of unknown composition. Proximal host rock is likewise strongly altered; K-Hem. 20% mm scale subround carb. No sulfs.	D62049	274	274.65	0.65	0.002	AGAT_FAICP		
274.65	285.20	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D62050	274.65	275	0.35	0.004	AGAT_FAICP		
		As previously described. Quarzose banding imparts foliation. Exhibits well preserved F2 folding. Varying foliation; mostly low angle to core axis.	D62051	275	276	1	0.001	AGAT_FAICP		
			D62053	276	277	1	0.0005	AGAT_FAICP		
			D62054	277	278	1	0.003	AGAT_FAICP		
			D62055	278	279	1	0.001	AGAT_FAICP		
			D62056	279	280	1	0.0005	AGAT_FAICP		
			D62057	280	281	1	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D62059	281	282	1	0.0005	AGAT_FAICP		
			D62060	282	283	1	0.002	AGAT_FAICP		
			D62061	283	284	1	0.0005	AGAT_FAICP		
			D62062	284	284.7	0.7	0.001	AGAT_FAICP		
			D62063	284.7	285.2	0.5	0.0005	AGAT_FAICP		
285.20	285.77	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D62064	285.2	285.77	0.57	0.002	AGAT_FAICP		
		Typical UMD with intensely altered margins. No mag. No vis sulfs. Interval includes minor enclaves of intensely altered pink-red FGS host.								
285.77	293.60	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D62065	285.77	287	1.23	0.0005	AGAT_FAICP		
		FGS as in 274.65-285.2m	D62067	287	288	1	0.005	AGAT_FAICP		
			D62068	288	289	1	0.003	AGAT_FAICP		
			D62069	289	289.6	0.6	0.002	AGAT_FAICP		
			D62070	289.6	290.05	0.45	0.0005	AGAT_FAICP		
			D62071	290.05	291	0.95	0.0005	AGAT_FAICP		
			D62073	291	291.7	0.7	0.001	AGAT_FAICP		
			D62074	291.7	292.66	0.96	0.001	AGAT_FAICP		
			D62075	292.66	293	0.34	0.0005	AGAT_FAICP		
			D62076	293	293.6	0.6	0.0005	AGAT_FAICP		
293.60	294.25	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D62077	293.6	294.25	0.65	0.002	AGAT_FAICP		
		Intensely altered throughout; pale green; uncertain alteration assemblage. No mag. No vis sulfs.								
294.25	299.68	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D62079	294.25	295	0.75	0.0005	AGAT_FAICP		
		FGS as described in 285.77-293.6m. Comprises a cm scale open folded qz vein but no orientation.	D62080	295	295.8	0.8	0.001	AGAT_FAICP		
			D62081	295.8	296.25	0.45	0.001	AGAT_FAICP		
			D62082	296.25	297	0.75	0.0005	AGAT_FAICP		
			D62083	297	298	1	0.001	AGAT_FAICP		
			D62084	298	299	1	0.004	AGAT_FAICP		
			D62085	299	299.68	0.68	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
299.68	299.76	(UMD) UMLAMP DiKe, (LAMPD) UMD - Lamprophyre Dyke								
		Laminated. Pale green; intensely altered throughout. Minor dyke.								
299.76	309.38	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D62087	299.68	300	0.32	0.002	AGAT_FAICP		
		As described in 294.25-299.68m. Comprises minor dm scale PEGs. Foliation at low angle to core axis; opposite attitude relative to previous FGS interval.	D62088	300	301	1	0.0005	AGAT_FAICP		
			D62089	301	302	1	0.001	AGAT_FAICP		
			D62090	302	303	1	0.001	AGAT_FAICP		
			D62091	303	304	1	0.0005	AGAT_FAICP		
			D62093	304	305	1	0.001	AGAT_FAICP		
			D62094	305	306	1	0.001	AGAT_FAICP		
			D62095	306	307.5	1.5	0.001	AGAT_FAICP		
			D62096	307.5	308.6	1.1	0.0005	AGAT_FAICP		
			D62097	308.6	309.38	0.78	0.001	AGAT_FAICP		
309.38	319.00	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D62099	309.38	310	0.62	0.006	AGAT_FAICP		
		coarse-grained pink and grey massive to weakly-foliated quartz-feldspar-biotite unit; intensive potassic alteration alongside weaker associated sericite alteration that can look like patches or bands but upon closer inspection represent the envelope of common quartz-carbonate veinsets; small granitic pegmatite and one sericitized greenish-beige lamprophyre dykelet with contacts found in the point structures tab if you so please	D62100	310	311.5	1.5	0.001	AGAT_FAICP		
			D62101	311.5	313	1.5	0.0005	AGAT_FAICP		
			D62102	313	314.5	1.5	0.0005	AGAT_FAICP		
			D62103	314.5	316	1.5	0.0005	AGAT_FAICP		
			D62104	316	317.5	1.5	0.002	AGAT_FAICP		
			D62105	317.5	317.95	0.45	0.002	AGAT_FAICP		
			D62107	317.95	318.25	0.3	0.002	AGAT_FAICP		
			D62108	318.25	319	0.75	0.001	AGAT_FAICP		
319.00	319.34	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D62109	319	319.34	0.34	0.0005	AGAT_FAICP		
		very coarse-grained grey and pink granitic pegmatite with quartz-rich groundmass distinguished by patchy clumps of pink feldspar and wavy band of quartz-feldspar-biotite wallrock								
319.34	323.23	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D62110	319.34	320.5	1.16	0.0005	AGAT_FAICP		
		coarse-grained pink and grey banded quartz-feldspar-biotite unit with quartzofeldspathic groundmass and banding defined by trails of varying biotite content and potassic alteration envelopes on quartz-carbonate veinlets	D62111	320.5	322	1.5	0.002	AGAT_FAICP		
			D62113	322	323.23	1.23	0.0005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
323.23	324.43	(UMD) UMLAMP Dikey, (LAMPD) UMD - Lamprophyre Dyke	D62114	323.23	324.43	1.2	0.002	AGAT_FAICP		
		very fine to fine-grained grey and black carbonate-phenocrystic massive intrusive lamprophyre dyke with knife-sharp sericite-chlorite altered contacts								
324.43	330.36	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D62115	324.43	325	0.57	0.0005	AGAT_FAICP		
		coarse-grained pink and grey quartz-feldspar-biotite unit with wavy banding and weak to moderate foliation; small lamprophyre dykelets in places with contacts in point structures tab and intermittent quartz-carbonate veinlets with potassic and sericitic alteration envelopes	D62116	325	326	1	0.0005	AGAT_FAICP		
			D62117	326	327	1	0.0005	AGAT_FAICP		
			D62119	327	327.42	0.42	0.003	AGAT_FAICP		
			D62120	327.42	328	0.58	0.001	AGAT_FAICP		
			D62121	328	329.3	1.3	0.001	AGAT_FAICP		
			D62122	329.3	330.36	1.06	0.001	AGAT_FAICP		
330.36	330.83		(UMD) UMLAMP Dikey, (LAMPD) UMD - Lamprophyre Dyke	D62123	330.36	330.83	0.47	0.009	AGAT_FAICP	
		very fine-grained greenish-beige intrusive lamprophyre dyke extensively sericitized; broken up and brecciated lower contact								
330.83	358.80	(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D62124	330.83	332	1.17	0.002	AGAT_FAICP		
		medium to coarse-grained weakly to moderately-foliated quartz-feldspar-biotite unit with intensive abundant quartz-carbonate stringers with bright pink and red potassic alteration envelopes that cover strong portion of unit; banded sections due to various temperature-based sorting of quartzofeldspathic wallrock and biotite bands; much core breakage through top eight metres of interval and core crumbling from 360 to 361 m depth suggests possible fault zone	D62125	332	333.5	1.5	0.002	AGAT_FAICP		
			D62127	333.5	335	1.5	0.001	AGAT_FAICP		
			D62128	335	336.4	1.4	0.001	AGAT_FAICP		
			D62129	336.4	336.7	0.3	0.001	AGAT_FAICP		
			D62130	336.7	338	1.3	0.001	AGAT_FAICP		
			D62145	354	355.5	1.5	0.002	AGAT_FAICP		
			D62147	355.5	357	1.5	0.002	AGAT_FAICP		
			D62148	357	358	1	0.002	AGAT_FAICP		
			D62149	358	358.8	0.8	0.004	AGAT_FAICP		
			D62139	345	346.5	1.5	0.003	AGAT_FAICP		
			D62140	346.5	348	1.5	0.001	AGAT_FAICP		
			D62141	348	349.5	1.5	0.001	AGAT_FAICP		
			D62142	349.5	351	1.5	0.001	AGAT_FAICP		
			D62143	351	352.5	1.5	0.002	AGAT_FAICP		
			D62144	352.5	354	1.5	0.001	AGAT_FAICP		
			D62131	338	339.5	1.5	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D62133	339.5	340	0.5	0.001	AGAT_FAICP		
			D62134	340	341.4	1.4	0.001	AGAT_FAICP		
			D62135	341.4	342	0.6	0.001	AGAT_FAICP		
			D62136	342	343.5	1.5	0.002	AGAT_FAICP		
			D62137	343.5	345	1.5	0.001	AGAT_FAICP		
358.80	359.66	(UMD) UMLAMP Dyke, (LAMPD) UMD - Lamprophyre Dyke	D62150	358.8	359.66	0.86	0.002	AGAT_FAICP		
		very fine-grained greenish-beige intrusive lamprophyre dyke with sharp sericite-chlorite altered contacts and occasional carbonate stringers								
359.66	360.00	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D62151	359.66	360	0.34	0.001	AGAT_FAICP		EOH at 360 m depth
		EOH at 360 m depth; medium to coarse-grained reddish-pink potassic-altered section of FGS remelt proximal to overlying ultramafic dyke								

Hole ID : RD19-00020

Project : Borden

Drilling Details :

Azimuth : 176
 Dip : -45
 Length : 384
 Drill Start : 10-Aug-2019
 Drill Completed : 17-Aug-2019
 Core Size : NQ
 Drill Company : Major
 Oriented Core : No

Location Details :

Easting : 340576
 Northing : 5303728
 Elevation : 427
 UTM Grid : NAD83_UTMZ17N_GPS
 Township : Borden
 Storage Location : Chapleau Ont

Logging Details :

Logged By : Daniel.Rafuse
 Logged By 2 : Alex.Jibb
 Log Start : 18-Aug-2019
 Log Completed : 25-Aug-2019
 Re-Logged By :
 Re-Log Start :
 Re-Log Completed :

Comments :

AJ logged 173.16-EOH starting 08/20/2019. Successions of siliceous musc-rich FGS and GRT-rich FGS define bulk zone with variable sulphide mineralization hosted dominantly in siliceous sericite-altered FGS 5-7% PY 3-4% PO; lcl QV1-like material showing moderate flooding with increase in disseminated PO min; lcl sections of siliceous/QZ-flooded sulph-rich FGS towards end of hole with minor FG units cutting in and out towards end of hole; 165-189m contains siliceous QZ-flooded MUSC-rich FGS mentioned above and again from 217-238; searched for VG as all the right ingredients are present but no VG spotted - waiting for assays to confirm zone.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	9.00	(OB) Overburden, ()	B61951	7.8	9	1.2	0.003	AGAT_FAICP		Overburden Sample. Boulders
Numerous boulders mainly AMP with coarse garnets and FGS.										
9.00	18.85	(AMP) Amphibolite, ()	B61953	9	10.4	1.4	0.004	AGAT_FAICP		First Bedrock Sample
Amphibolite has a strong AMPFW appearance. Large patches/aggregates of amphibole/cpx/garnet. Low sulphide content with pyrrhotite as the dominant species Po 70 / Py 30. Unit contains a moderately strong foliation fabric causing aggregates to appear as bands. Weak to moderate sericitic alteration via halos. Thin quartz veins contain a moderate increase in sulphide content. Fine to coarse grained garnets are numerous throughout unit.										
			B61954	10.4	11.8	1.4	0.006	AGAT_FAICP		
			B61955	11.8	13.1	1.3	0.002	AGAT_FAICP		
			B61956	13.1	14.44	1.34	0.003	AGAT_FAICP		
			B61957	14.44	15.85	1.41	0.003	AGAT_FAICP		
			B61959	15.85	17.35	1.5	0.004	AGAT_FAICP		
			B61960	17.35	18.85	1.5	0.006	AGAT_FAICP		
18.85	21.52	(DIA) Diabase Dike, ()	B61961	18.85	20.3	1.45	0.004	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Diabase contains a very fine grained plagioclase producing salty texture. Very low sulphide content. Qtz/CaCO3 veins/stringers found throughout unit. Upper contact parallel to foliation at 58 degrees to core axis. Lower contact oblique to foliation at 56 degrees.	B61962	20.3	21.52	1.22	0.004	AGAT_FAICP		
21.52	48.00	(AMP) Amphibolite, ()	B61963	21.52	22.87	1.35	0.004	AGAT_FAICP		
		Amphibolite has a strong AMPFW appearance. Large patches/aggregates of amphibole/cpx/garnet. Low sulphide content with pyrrhotite as the dominant species Po 70 / Py 30. Unit contains a moderately strong foliation fabric causing aggregates to appear as bands. Moderate to strong sericitic alteration via halos. Moderate potassic alteration via halos. Thin quartz veins contain a moderate increase in sulphide content. Fine to coarse grained garnets are numerous throughout unit.	B61964	22.87	24.3	1.43	0.002	AGAT_FAICP		
			B61965	24.3	25.6	1.3	0.003	AGAT_FAICP		
			B61967	25.6	27	1.4	0.007	AGAT_FAICP		
			B61968	27	28.4	1.4	0.004	AGAT_FAICP		
			B61969	28.4	29.78	1.38	0.004	AGAT_FAICP		
			B61984	45.6	46.88	1.28	0.003	AGAT_FAICP		
			B61985	46.88	48	1.12	0.003	AGAT_FAICP		
			B61977	37.48	38.58	1.1	0.003	AGAT_FAICP		
			B61979	38.58	39.98	1.4	0.003	AGAT_FAICP		
			B61980	39.98	41.42	1.44	0.003	AGAT_FAICP		
			B61981	41.42	42.82	1.4	0.003	AGAT_FAICP		
			B61982	42.82	44.25	1.43	0.003	AGAT_FAICP		
			B61983	44.25	45.6	1.35	0.009	AGAT_FAICP		
			B61970	29.78	31.17	1.39	0.002	AGAT_FAICP		
			B61971	31.17	32.43	1.26	0.002	AGAT_FAICP		
			B61973	32.43	33.66	1.23	0.003	AGAT_FAICP		
			B61974	33.66	34.78	1.12	0.004	AGAT_FAICP		
			B61975	34.78	36.18	1.4	0.003	AGAT_FAICP		
			B61976	36.18	37.48	1.3	0.003	AGAT_FAICP		
48.00	57.40	(FGC) Felsic Gneiss Conglomerate, ()	B61987	48	48.68	0.68	0.007	AGAT_FAICP		
		Numerous clasts mainly of felsic protolith. Unit is polymictic and clast supported. Matrix is felsic with very low amphibole content. Scattered fine to medium grained garnets throughout. Sulphide content is low with both pyrite and pyrrhotite present in similar quantities. Moderate shear throughout. Moderate to strong sericitic alteration throughout via moderate to high angled bands and veinlets. Moderate to strong potassic alteration via dissemination and halo.	B61988	48.68	50.1	1.42	0.005	AGAT_FAICP		
			B61989	50.1	51.6	1.5	0.009	AGAT_FAICP		
			B61990	51.6	53.05	1.45	0.011	AGAT_FAICP		
			B61991	53.05	54.5	1.45	0.013	AGAT_FAICP		
			B61993	54.5	55.95	1.45	0.012	AGAT_FAICP		
			B61994	55.95	57.4	1.45	0.019	AGAT_FAICP		
57.40	58.80	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	B61995	57.4	58.8	1.4	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments								
Qtz 60% K-spar 30% Bio 5% Other 5%. Quartz rich pegmatite. Grain sizes range from fine to medium. Unknown black mineral likely columbite/tantalite/ilmenite found throughout with some specimens reaching up to 2.0cm's. Short conglomerate section contained from 57.90-58.08 m's. Very low sulphide content.																		
58.80	60.20	(FGC) Felsic Gneiss Conglomerate, ()	B61996	58.8	60.2	1.4	0.004	AGAT_FAICP										
FGC is matrix supported with only a few clasts scattered throughout. Unit is dominated by felsic clasts as well as a felsic matrix. Weak amphibole content within matrix. Fine to medium grained garnets are numerous. Moderate strain intensity. Insignificant sulphide content.																		
60.20	63.85	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	B61997	60.2	60.9	0.7	0.003	AGAT_FAICP										
Upper contact parallel to foliation. Quartz rich pegmatite. Numerous examples of unidentified mineral columbite/ilmenite/tantalite scattered throughout with specimens reaching up to 4.0 cm's. Sulphide content is low but small patches/sections with moderate sulphide content present in the top 40 cm's of the unit as well as thin veinlets containing mostly pyrite. Moderate potassic alteration throughout via dissemination.																		
											B61999	60.9	62.3	1.4	0.002	AGAT_FAICP		
											B62000	62.3	63.2	0.9	0.004	AGAT_FAICP		
											B74001	63.2	63.85	0.65	0.008	AGAT_FAICP		Ticket Series Jump
63.85	67.54	(FGS) Felsic Gneiss Sedimentary, ()	B74002	63.85	65.26	1.41	0.018	AGAT_FAICP										
Unit has potential clasts. Could be a matrix supported conglomerate?? Small patches of sillimanite and weak muscovite present. Moderate potassic alteration via dissemination. Very low sulphide content with pyrite as the dominant sulphide.																		
											B74003	65.26	66.64	1.38	0.008	AGAT_FAICP		
											B74004	66.64	67.54	0.9	0.002	AGAT_FAICP		
67.54	68.55	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	B74005	67.54	68.55	1.01	0.002	AGAT_FAICP										
Short pegmatite containing a moderately strong content of unknown dark mineral ilmenite/columbite/tantalite ranging from 0.1-3.0 cm's in size. Qtz 55% K-spar 30% Bio 6%. Very low sulphide content																		
68.55	68.90	(UMD) UMLAMP DiKE, (LAMPD) UMD - Lamprophyre Dyke	B74007	68.55	68.9	0.35	0.002	AGAT_FAICP										
Short lamprophyric dyke. Very fine grained. Thin stringers of qtz/carbonate material throughout.																		
68.90	70.60	(FGS) Felsic Gneiss Sedimentary, ()	B74008	68.9	70	1.1	0.001	AGAT_FAICP										
FGS contains moderate potassic alteration via dissemination. Weak to moderate sericitic alteration via stringers. Small pods of amphibole contained throughout unit. Very low sulphide content.																		
											B74009	70	70.6	0.6	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
70.60	71.55	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	B74010	70.6	71.55	0.95	0.001	AGAT_FAICP		Lamprophyric dyke with thin qtz/carbonate veinlets.
71.55	74.54	(FGS) Felsic Gneiss Sedimentary, ()	B74011	71.55	72.56	1.01	0.001	AGAT_FAICP		FGS contains a weak dioritic fabric as well as potential conglomerate clasts 72.56-73.00 m's. Moderate potassic alteration via dissemination. Weak to moderate sericitic alteration via moderate angled veinlets. Scattered fine grained garnets throughout.
			B74013	72.56	73	0.44	0.0005	AGAT_FAICP		
			B74014	73	73.78	0.78	0.001	AGAT_FAICP		
			B74015	73.78	74.54	0.76	0.003	AGAT_FAICP		
74.54	75.14	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	B74016	74.54	75.14	0.6	0.002	AGAT_FAICP		
75.14	87.00	(FGS) Felsic Gneiss Sedimentary, ()	B74017	75.14	76.56	1.42	0.001	AGAT_FAICP		FGS contains a weak dioritic fabric as well as potential conglomerate clasts 72.56-73.00 m's. Strong potassic alteration via dissemination/halos and stringers. Weak to moderate sericitic alteration via moderate angled veinlets. Scattered fine grained garnets throughout. Small patches of sillimanite and weak muscovite also found in patches. Unit contains a weak dioritic fabric in short sections but is gradational. Upper contact with dyke is oblique. Weak background amphibole content as well as occasional pods of amphibole.
			B74019	76.56	78	1.44	0.002	AGAT_FAICP		
			B74020	78	79.4	1.4	0.002	AGAT_FAICP		
			B74021	79.4	80.83	1.43	0.001	AGAT_FAICP		
			B74022	80.83	82.3	1.47	0.002	AGAT_FAICP		
			B74023	82.3	83.6	1.3	0.002	AGAT_FAICP		
			B74024	83.6	84.91	1.31	0.0005	AGAT_FAICP		
			B74025	84.91	86.04	1.13	0.0005	AGAT_FAICP		
			B74027	86.04	87	0.96	0.013	AGAT_FAICP		
87.00	99.74	(FGS) Felsic Gneiss Sedimentary, ()	B74028	87	88.05	1.05	0.0005	AGAT_FAICP		FGS contains a weak dioritic fabric. Strong potassic alteration via dissemination/halos and stringers. Weak to moderate sericitic alteration via moderate angled veinlets. Scattered fine grained garnets throughout. Small patches of high sillimanite content and weak muscovite also found in patches. Unit contains a weak dioritic fabric in short sections but is gradational. Upper contact with dyke is oblique. Weak background amphibole content as well as occasional pods of amphibole. Moderate quartz flooding from 87.70-88.05 m's with slight increase in pyrite and pyrrhotite although content is still low.
			B74029	88.05	88.7	0.65	0.003	AGAT_FAICP		
			B74030	88.7	89.1	0.4	0.0005	AGAT_FAICP		
			B74031	89.1	90.5	1.4	0.001	AGAT_FAICP		
			B74033	90.5	91.85	1.35	0.004	AGAT_FAICP		
			B74041	97.74	98.28	0.54	0.008	AGAT_FAICP		
			B74042	98.28	99.74	1.46	0.0005	AGAT_FAICP		
			B74034	91.85	93	1.15	0.0005	AGAT_FAICP		
			B74035	93	93.85	0.85	0.0005	AGAT_FAICP		
			B74036	93.85	95.25	1.4	0.001	AGAT_FAICP		
			B74037	95.25	96.33	1.08	0.003	AGAT_FAICP		
			B74039	96.33	97	0.67	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			B74040	97	97.74	0.74	0.002	AGAT_FAICP		
99.74	101.33	(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS	B74043	99.74	100.56	0.82	0.001	AGAT_FAICP		
		FGS contains a sharp increase in sillimanite and minor muscovite increase. Low sulphide content with pyrite as the main constituent. Strong sericitic and potassic alteration via bands and veinlets along foliation planes. Short pegmatite contained from 100.90-101.00 m's. Unit contains strong strain intensity	B74044	100.56	101.33	0.77	0.002	AGAT_FAICP		
101.33	103.30	(FGG) Felsic Gneiss Granitic, ()	B74045	101.33	102.57	1.24	0.0005	AGAT_FAICP		
		Intense potassic alteration via dissemination and stringers. Moderate to strong sericitic alteration via dissemination. Low sulphide content with pyrite as the main constituent. Short pegmatitic veins throughout. Muscovite present in moderate amount ranging from very fine to medium sized specimens 0.1-1.5 cm's. Weak to moderate quartz flooding with no apparent increase in sulphide content.	B74047	102.57	103.3	0.73	0.009	AGAT_FAICP		
103.30	103.71	(FGS) Felsic Gneiss Sedimentary, ()	B74048	103.3	103.71	0.41	0.001	AGAT_FAICP		
		Short FGS with thin sections of FGG. Strong potassic alteration via dissemination. Thin barren pegmatites. Moderate to strong sericitic alteration via dissemination. Very low sulphide content.								
103.71	104.10	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	B74049	103.71	104.1	0.39	0.004	AGAT_FAICP		
		Contact parallel to foliation. Quartz rich pegmatite with no significant sulphide content. K-spar examples ranging from 0.5-3.0 cm's.								
104.10	106.38	(FGS) Felsic Gneiss Sedimentary, ()	B74050	104.1	105.6	1.5	0.002	AGAT_FAICP		
		FGS contains moderate sillimanite and weak muscovite content. Moderate to strong potassic and sericitic alteration via dissemination/halos and stringers. Very low sulphide content with pyrite as the main constituent. Short barren pegmatites contained from 104.70-104.96m's and 106.18-106.38m's see veining tab.	B74051	105.6	106.38	0.78	0.004	AGAT_FAICP		
106.38	110.90	(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS	B74053	106.38	106.95	0.57	0.0005	AGAT_FAICP		
		FGSMU contains a moderate - strong content of sillimanite with muscovite content varying from trace to weak. Sulphide content is low with pyrite as the dominant species. Strain intensity is moderate to strong with the strongest example contained from 109.00-109.50m's. Moderate to strong potassic alteration via dissemination and halos. Sericitic alteration is moderate via dissemination. Unit is a hybrid between FGSMU and a proper FGG	B74054	106.95	107.75	0.8	0.0005	AGAT_FAICP		
			B74055	107.75	108.88	1.13	0.0005	AGAT_FAICP		
			B74056	108.88	109.75	0.87	0.0005	AGAT_FAICP		
			B74057	109.75	110.9	1.15	0.0005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
110.90	112.50	(FGS) Felsic Gneiss Sedimentary, () FGS contains weak to moderate chloritic alteration via dissemination due to proximal UMD. Moderate riebeckite presence throughout unit. Strong potassic alteration at lower contact with UMD. Very low sulphide content.	B74059	110.9	111.7	0.8	0.002	AGAT_FAICP		
			B74060	111.7	112.5	0.8	0.001	AGAT_FAICP		
112.50	113.60	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Lamprophyre contains fine grained carbonate amygdules and upper and lower chill zones are observable. Xenoliths contained within unit reveal intense potassic alteration.	B74061	112.5	113.6	1.1	0.0005	AGAT_FAICP		
113.60	117.20	(FGS) Felsic Gneiss Sedimentary, ()	B74062	113.6	115	1.4	0.002	AGAT_FAICP		
			B74063	115	116.2	1.2	0.001	AGAT_FAICP		
			B74064	116.2	117.2	1	0.001	AGAT_FAICP		
117.20	118.14	(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS Moderately strong sillimanite content. Weak muscovite content. Strong sericitic alteration via dissemination. Weak to moderate potassic alteration via stringers at low angle to core axis. Very low sulphide content. Moderate to strong strain intensity exhibited in sillimanite and qtz/plag phenocrysts. Moderate background amphibole content.	B74065	117.2	118.24	1.04	0.0005	AGAT_FAICP		
118.14	123.56	(FGS) Felsic Gneiss Sedimentary, () Weak muscovite and minor sillimanite content. Moderate to strong potassic alteration via bands and dissemination. Moderate sericitic alteration also present in the form of bands which are in moderate to high angle to core axis. Very low sulphide content. A couple thin lamps are present throughout the unit and are parallel to foliation.	B74067	118.24	119.5	1.26	0.0005	AGAT_FAICP		
			B74068	119.5	120.85	1.35	0.0005	AGAT_FAICP		
			B74069	120.85	122.35	1.5	0.0005	AGAT_FAICP		
			B74070	122.35	123.56	1.21	0.0005	AGAT_FAICP		
123.56	124.24	(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS Upper and lower contact parallel to foliation. Moderate to strong strain intensity preserved within qtz/plag specimens. Strong sillimanite content. Weak muscovite content. Weak sulphide content with pyrite as the dominant species. Numerous F1 folds present.	B74071	123.56	124.24	0.68	0.0005	AGAT_FAICP		
124.24	130.42	(FGS) Felsic Gneiss Sedimentary, () FGS contains long veinlets of strong sericitic alteration at low angle to core axis up to a metre in length. Moderate to strong potassic alteration via dissemination and halos. Very low	B74073	124.24	125.67	1.43	0.021	AGAT_FAICP		
			B74074	125.67	127	1.33	0.0005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		sulphide content. Weak to moderate dioritic fabric but phenocrysts are poorly formed (DIOUNO). Occasional patch of sillimanite present. Very low muscovite presence.	B74075	127	128.48	1.48	0.0005	AGAT_FAICP		
	B74076		128.48	129.4	0.92	0.001	AGAT_FAICP			
	B74077		129.4	130.42	1.02	0.003	AGAT_FAICP			
130.42	136.23	(FGS) Felsic Gneiss Sedimentary, ()	B74079	130.42	131.7	1.28	0.0005	AGAT_FAICP		
		Continuation of FGS from previous entry. FGS contains long veinlets of strong sericitic alteration at low angle to core axis up to a metre in length. Moderate to strong potassic alteration via dissemination and halos. Very low sulphide content. Weak to moderate dioritic fabric but phenocrysts are poorly formed (DIOUNO). Occasional patch of sillimanite present. Very low muscovite presence. Minor riebeckite content at lower contact with UMD.	B74080	131.7	132.49	0.79	0.002	AGAT_FAICP		
			B74081	132.49	133.72	1.23	0.006	AGAT_FAICP		
			B74082	133.72	134.28	0.56	0.0005	AGAT_FAICP		
			B74083	134.28	135.28	1	0.019	AGAT_FAICP		
			B74084	135.28	136.23	0.95	0.004	AGAT_FAICP		
136.23	137.28	(UMD) UMLAMP Dike, ()	B74085	136.23	137.28	1.05	0.002	AGAT_FAICP		
		UMD upper contact has an alpha of 22 and is parallel to foliation. Carbonate amygdules and xenoliths contained throughout unit. Variable biotite content.								
137.28	141.50	(FGS) Felsic Gneiss Sedimentary, ()	B74087	137.28	138.25	0.97	0.003	AGAT_FAICP		
		Upper contact with UMD with an alpha of 22 and is parallel to foliation. Sillimanite content is variable throughout with short sections containing strong presence. Muscovite presence is generally traceable but occasional slight increases to weak content is observable. Strain intensity is moderate to strong. Moderate to strong potassic alteration via halos and bands at moderate angles to core axis. Sericitic alteration is weak to moderate via dissemination. Very low sulphide content. Moderate riebeckite content at upper contact with UMD.	B74088	138.25	138.97	0.72	0.003	AGAT_FAICP		
			B74089	138.97	139.58	0.61	0.0005	AGAT_FAICP		
			B74090	139.58	141	1.42	0.0005	AGAT_FAICP		
			B74091	141	141.5	0.5	0.005	AGAT_FAICP		
141.50	143.20	(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS	B74093	141.5	142.36	0.86	0.003	AGAT_FAICP		
		FGS contains intense potassic alteration in the form of dissemination in short sections as well as moderate riebeckite alteration via dissemination. Muscovite presence is weak to moderate but sillimanite content is moderate to high throughout. Sulphide content is low with both pyrite and pyrrohotite present Py 80/ Po 20. Thin UMD-Lamps are present throughout with the largest 142.70-142.86 with an upper contact of a 67/ b 332. Strain intensity within unit is strong visible through sillimanite as well as qtz/plag examples.	B74094	142.36	143.2	0.84	0.002	AGAT_FAICP		
143.20	145.32	(FGS) Felsic Gneiss Sedimentary, ()	B74095	143.2	144.3	1.1	0.002	AGAT_FAICP		
		FGS contains trace muscovite and weak sillimanite presence. Sulphide content is very low with pyrite as the dominant variety. Thin UMD contained from 143.60-143.63 with an upper contact of a 21 / b 321. Weak to moderate potassic alteration via dissemination and halos.	B74096	144.3	145.32	1.02	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
145.32	146.00	(DIA) Diabase Dike, ()	B74097	145.32	146	0.68	0.003	AGAT_FAICP		
Diabase contains salty texture due to fine grained plagioclase.										
146.00	166.15	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	B74099	146	147	1	0.0005	AGAT_FAICP		
FGS contains fine to medium sized garnets throughout unit. Very low sulphide. Occasional patch of sillimanite and muscovite content increase especially in the lower 1.5 metres but otherwise unit contains weak to trace muscovite and sillimanite. Moderate to strong potassic alteration via dissemination and bands at high angle to core axis. Sericitic alteration is moderate via dissemination.										
			B74100	147	147.75	0.75	0.0005	AGAT_FAICP		
			B74101	147.75	148.1	0.35	0.0005	AGAT_FAICP		
			B74102	148.1	149.6	1.5	0.002	AGAT_FAICP		
			B74103	149.6	151.03	1.43	0.001	AGAT_FAICP		
			B74104	151.03	152.34	1.31	0.001	AGAT_FAICP		
			B74120	162.28	163.62	1.34	0.001	AGAT_FAICP		
			B74121	163.62	165	1.38	0.001	AGAT_FAICP		
			B74122	165	166.15	1.15	0.002	AGAT_FAICP		
			B74113	157.9	159.23	1.33	0.004	AGAT_FAICP		
			B74114	159.23	159.97	0.74	0.002	AGAT_FAICP		
			B74115	159.97	160.4	0.43	0.002	AGAT_FAICP		
			B74116	160.4	161.22	0.82	0.001	AGAT_FAICP		
			B74117	161.22	161.61	0.39	0.0005	AGAT_FAICP		
			B74119	161.61	162.28	0.67	0.002	AGAT_FAICP		
			B74105	152.34	153.72	1.38	0.001	AGAT_FAICP		
			B74107	153.72	154.3	0.58	0.001	AGAT_FAICP		
			B74108	154.3	154.8	0.5	0.0005	AGAT_FAICP		
			B74109	154.8	156.15	1.35	0.001	AGAT_FAICP		
			B74110	156.15	157.25	1.1	0.001	AGAT_FAICP		
			B74111	157.25	157.9	0.65	0.002	AGAT_FAICP		
166.15	170.12	(FGS) Felsic Gneiss Sedimentary, ()	B74123	166.15	167.6	1.45	0.003	AGAT_FAICP		
FGS contains a strong increase in sulphides and a moderate increase in quartz flooding/veining. Sulphide content is moderate-strong with pyrite and pyrrhotite both present Py 80 / Po 20 %. Weak but observable amphibole background content. Garnets appear to be altered to fine grained amphiboles but maintain garnet structure. Muscovite content is moderate and mainly fine grained. Sillimanite content is also moderate throughout. Strain intensity is generally moderate.										
			B74124	167.6	168.6	1	0.003	AGAT_FAICP		
			B74125	168.6	169.22	0.62	0.004	AGAT_FAICP		
			B74127	169.22	170.2	0.98	0.007	AGAT_FAICP		
170.12	173.16	(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS	B74128	170.2	170.91	0.71	0.009	AGAT_FAICP		
FGS contains strong and well defined quartz veining and flooding along with an increase in										
			B74129	170.91	171.8	0.89	0.005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
sulphide content. Both pyrite and pyrrhotite present with pyrite as the dominant sulphide Py 75 / Po 25. Strong muscovite presence with specimens ranging from finely disseminated to coarse massive examples. Sillimanite content is strong throughout. Weak to moderate pegmatitic texture in patches. Weak to moderate sericitic alteration via stringers and dissemination which is present in veinlets running parallel to core axis. This unit "should" run.			B74130	171.8	172.47	0.67	0.003	AGAT_FAICP		
			B74131	172.47	173.15	0.68	0.003	AGAT_FAICP		
173.16	189.08	(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS	B74133	173.15	174	0.85	0.002	AGAT_FAICP		
Beige to tan-SER-brown to snot-green to grey; fcg; strong silicification and siliceous nature to interval with mod-strong pervasive to patchy SER alteration; variable amounts of fcg disseminated to patchy/AGR MUSC 10-12% overall with fmg dissem to wispy SILL 5-7%; few cm-scale veinlets cut unit sub-parallel to core axis with foliation lclly mimicing fold features (comp S0/S1 fabric); moderately foliated S1 measured lclly at 177.80m with a37 b294; variable amts of fmg dissem sulphide mineralization; 4-5% PY 0.5-1% PO; sharp lower contact with GRT-bearing FGS measured at a27 b290			B74134	174	175	1	0.014	AGAT_FAICP		
			B74135	175	176	1	0.003	AGAT_FAICP		
			B74136	176	177	1	0.006	AGAT_FAICP		
			B74137	177	178	1	0.014	AGAT_FAICP		
			B74139	178	179	1	0.006	AGAT_FAICP		
			B74147	184	185	1	0.156	AGAT_FAICP		
			B74148	185	186	1	0.04	AGAT_FAICP		
			B74149	186	187	1	0.029	AGAT_FAICP		
			B74150	187	188	1	0.022	AGAT_FAICP		
			B74151	188	189.08	1.08	0.008	AGAT_FAICP		
			B74140	179	179.7	0.7	0.007	AGAT_FAICP		
			B74141	179.7	180.15	0.45	0.009	AGAT_FAICP		
			B74142	180.15	181	0.85	0.011	AGAT_FAICP		
			B74143	181	182	1	0.044	AGAT_FAICP		
			B74144	182	183	1	0.344	AGAT_FAICP		
		B74145	183	184	1	0.067	AGAT_FAICP			
189.08	202.42	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	B74153	189.08	190	0.92	0.036	AGAT_FAICP		
Dark grey; fmg; weakly-moderately silicified with minor weak SER/POT halos around mm-scale frac-fill and QZ-CB stringers; few SER+SILL-rich bands cut unit concordant with each other and very weakly defined foliation; significant increase in BIO compared to above interval 15-17% BIO with 8-10% fmg dissem to lclly POB GRT; lcl comp S0/S1 fabric around FOD features; increase in fg dissem KF towards lower contact (similar to what is observed in AMPIN units elsewhere at Roswell); few ptymatically folded QZ stringers; 1% fg dissem PY min with lcl stringers hosting sulphide mineralization; no sig PO min; sharp lower contact with UMD-LAMPD with upr cnct at a38 b336			B74154	190	191	1	0.006	AGAT_FAICP		
			B74155	191	192	1	0.006	AGAT_FAICP		
			B74156	192	193	1	0.008	AGAT_FAICP		
			B74157	193	194	1	0.008	AGAT_FAICP		
			B74159	194	195	1	0.018	AGAT_FAICP		
			B74167	201	202.42	1.42	0.037	AGAT_FAICP		
			B74160	195	196	1	0.006	AGAT_FAICP		
			B74161	196	197	1	0.008	AGAT_FAICP		
			B74162	197	198	1	0.006	AGAT_FAICP		
			B74163	198	199	1	0.015	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			B74164	199	200	1	0.055	AGAT_FAICP		
			B74165	200	201	1	0.014	AGAT_FAICP		
202.42	203.44	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	B74168	202.42	203.44	1.02	0.007	AGAT_FAICP		
		Dark grey; fmg; no sig veining or alt; weakly developed POR/AMY texture defined by anhedral angular to subrounded 0.1-0.5cm CB phenocrysts entrained in BIO-rich UMD matrix; sharp lower contact measured with a38 b336								
203.44	217.31	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	B74169	203.44	204	0.56	0.139	AGAT_FAICP		
		Dark grey; fmg; weak pervasive silicification; weak-moderate SER alt halos around stringers and lcl SER banding; moderate patchy RIE+CHL alt at upper contact (tr overall); unit lclly siliceous; few veins cut unit parallel to weakly defined foliation lclly at 211.73m with a50 b328; foliation lclly parallel to core axis at low-angles with lcl composite S0/S1 fabric around FOD features; variable amts of background GRT with overall abundance 4-5% fmg; similar abundance of fmg dissem to wispy (lclly mcg patchy) SILL rimming anhedral mg PF; 3% fmg dissem PY; 0.5-1% fmg dissem PO								
			B74170	204	205	1	0.017	AGAT_FAICP		
			B74171	205	206	1	0.01	AGAT_FAICP		
			B74173	206	207	1	0.178	AGAT_FAICP		
			B74174	207	208	1	0.016	AGAT_FAICP		
			B74175	208	209	1	0.065	AGAT_FAICP		
			B74183	215	216	1	0.01	AGAT_FAICP		
			B74184	216	216.5	0.5	0.02	AGAT_FAICP		
			B74185	216.5	217.31	0.81	0.322	AGAT_FAICP		
			B74176	209	210	1	0.024	AGAT_FAICP		
			B74177	210	211	1	0.023	AGAT_FAICP		
			B74179	211	212	1	0.033	AGAT_FAICP		
			B74180	212	213	1	0.025	AGAT_FAICP		
			B74181	213	214	1	0.014	AGAT_FAICP		
			B74182	214	215	1	0.022	AGAT_FAICP		
217.31	219.71	(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS	B74187	217.31	218	0.69	0.018	AGAT_FAICP		
		Beige to tan-SER-brown to snot-green to grey; fcg; strong silicification and siliceous nature to interval with mod-strong pervasive to patchy SER alteration; variable amounts of fcg disseminated to patchy/AGR MUSC 10-12% overall with fmg dissem to wispy SILL 5-7%; few cm-scale veinlets cut unit sub-parallel to core axis with foliation lclly mimicing fold features (comp S0/S1 fabric); moderately foliated S1 variable amts of fmg dissem sulphide mineralization; 4-5% PY 0.5-1% PO								
			B74188	218	219	1	0.01	AGAT_FAICP		
			B74189	219	219.7	0.7	0.007	AGAT_FAICP		
219.71	220.04	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	B74190	219.7	220.05	0.35	0.007	AGAT_FAICP		
		Grey-green; cvcg; 2-3% patchy to wispy SILL entrained in vein-material; cg subhedral cm-sized green and pink FSP define peg texture; one large subhedral BIO grain entrained in								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
vein material (2% overall); 0.1% fg dissem PY min dominantly QZ-hosted; inferred upper contact and weakly defined lower contact at a52 b30										
220.04	223.08	(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS	B74191	220.05	221	0.95	0.039	AGAT_FAICP		
Dark grey; fmg; weak-moderately silicification with weak banded SER alt; few cm-scale QZ-CB-FSP-SILL veinlets cut unit both con- and dis-cordant with variable foliation angles; ~15% fmg BIO composes matrix with 4-5% mcg patchy dissem MUSC throughout; minor 1-2% fmg dissem background GRT; lcl siliceous/sheared FGSMU sections included in unit with apparent fold between 22-223m defined by changing foliation separated by BIO-dominant sliver of FGS; FOD-AX1 measured at 221.74m well-defined plunging 70 towards 72; 1% fg dissem PY min; trace PO min										
			B74193	221	222.4	1.4	0.045	AGAT_FAICP		
			B74194	222.4	223.08	0.68	0.013	AGAT_FAICP		
223.08	226.74	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	B74195	223.08	224	0.92	0.021	AGAT_FAICP		
Dark grey to lclly siliceous and white/green/grey; fmg to lclly fcg; moderately silicified; weak-moderate SER halos around mm-scale QZ-CB-FSP stringers; minor 0.5-1% fmg dissem GRT min; lcl pygmatic nature to QZ-CB stringers with movement sense around these stringers appearing to be perp to core axis; FOL weak and measured at 226.3 with a53 b62; minor 0.5% fg dissem PY min throughout; no sig PO min; sharp lower contact with siliceous musc+sill rich FGSMU measured at a54 b38										
			B74196	224	225.2	1.2	0.012	AGAT_FAICP		
			B74197	225.2	225.64	0.44	0.012	AGAT_FAICP		
			B74199	225.64	226.74	1.1	0.017	AGAT_FAICP		
226.74	227.46	(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS	B74200	226.74	227.46	0.72	0.013	AGAT_FAICP		
Grey to pale-greenish-grey to white; fcg; mod-strong silica overprinting and siliceous nature to interval; patchy moderate SER alt; 5-7% fcg dissem/pat to wispy SILL min with 5-7% fmg dissem to patchy MUSC; 1-2% fmg dissem sulphide min 0.5% PO 1-1.5% PY; sharp lower contact measured at a55 b16										
227.46	228.92	(FGS) Felsic Gneiss Sedimentary, (FG SBI) FGS (10-29% BI) above or proximal to gold zone	B74201	227.46	228.92	1.46	0.036	AGAT_FAICP		
Grey to purple-grey; fmg; moderately silicified; trace-weak patchy RIE giving purple-hue to unit; no lines on core to measure well-defined foliation with unoriented alpha ~50dca; no sig min; 10-12% BIO define background; moderately defined lower contact with siliceous musc+sill-rich FGSMU										
228.92	238.18	(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS	B74202	228.92	230	1.08	0.026	AGAT_FAICP		
Grey to beige-grey to pinkish-grey; fcg; moderate-strong silicification; moderate patchy SER and weak patchy CHL alteration; moderate-strongly siliceous in nature resulting in lcl sections of QV/1 material lclly; not as sheared as uphole siliceous FGSMU units with no obviously defined foliation; few 10s of cm-scale PEGGQ veinlets cut unit at random intervals/orientations; one larger PEGGR vein from 232.12-232.36m; 7-8% fmg dissem to										
			B74203	230	231	1	0.043	AGAT_FAICP		
			B74204	231	232	1	0.188	AGAT_FAICP		
			B74205	232	233	1	0.124	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
wispy SILL min throughout; 5-7% fmg dissem to lclly cg-patchy MUSC min; 5-7% fmg dissem to lclly patchy PY min; 2-3% fmg dissem to lclly patchy PO min; shrap lower contact with PEGQG measured at a40 b286			B74207	233	234	1	0.034	AGAT_FAICP		
			B74208	234	235	1	0.617	AGAT_FAICP		
			B74209	235	236	1	0.161	AGAT_FAICP		
			B74210	236	237	1	0.088	AGAT_FAICP		
			B74211	237	238.18	1.18	0.053	AGAT_FAICP		
238.18	239.46	(QV) Quartz Vein, (QZV) Quartz Vein Undifferentiated	B74213	238.18	239.46	1.28	0.008	AGAT_FAICP		White to pinkish-grey to pink; mcg; no significant alteration; weak-moderate PEG-texture defined by mcg KF and PF 8-10% overall; minor 0.5% fmg dissem to KF-hosted PY min; lcl QV1-like material towards upper contact (weak crack-seal texture with inclusions of uphole FGS wall rock); 1% PO 1% PY entrained in vein material; sharp lower contact with FGS measured at a60 b342
239.46	247.90	(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS	B74214	239.46	240	0.54	0.009	AGAT_FAICP		
			B74215	240	241	1	0.008	AGAT_FAICP		
			B74216	241	242	1	0.007	AGAT_FAICP		
			B74217	242	243	1	0.005	AGAT_FAICP		
			B74219	243	244	1	0.009	AGAT_FAICP		
			B74220	244	245	1	0.009	AGAT_FAICP		
			B74221	245	246	1	0.012	AGAT_FAICP		
			B74222	246	247	1	0.009	AGAT_FAICP		
B74223	247	247.9	0.9	0.008	AGAT_FAICP					
247.90	251.93	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	B74224	247.9	248.72	0.82	0.018	AGAT_FAICP		
			B74225	248.72	250	1.28	0.009	AGAT_FAICP		
			B74227	250	251	1	0.012	AGAT_FAICP		
			B74228	251	251.93	0.93	0.005	AGAT_FAICP		
251.93	254.12	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	B74229	251.93	253	1.07	0.011	AGAT_FAICP		
			B74230	253	254.12	1.12	0.005	AGAT_FAICP		
Dark grey; fmg; moderately silicified; 10-12% fmg dissem BIO define FGSGB identifier; trace 0.1% mg dissem GRT; mod-strong foliation defined by aforementioned BIO measured lclly at 253.85m with a60 b80; weak banding defined by mod SER alt halos around mm-scale QZ-CB stringers; 0.5% vffg dissem PY min; sharp lower contact with lower QV/PEG measured at a50 b105										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
254.12	254.87	(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc	B74231	254.12	254.87	0.75	0.011	AGAT_FAICP		
<p>Grey to white; fcg; moderate-strong silicification and moderate QZ-flooding to whole unit; weak-moderate melt-texture defined by mcg PF with poorly-defined grain boundaries; weak crack-seal texture defined by inclusions of BIO-rich FGS from uphole unit throughout unit; 2-3% fmg dissem PY 0.25% PO min</p>										
254.87	256.73	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	B74233	254.87	256	1.13	0.006	AGAT_FAICP		
<p>Dark grey; fmg; weak-moderate silicification; weak pot and ser alt halos around mm-scale QZ-CB stringers; moderately foliated defined by 12-13% fmg BIO measured at ~55-60dtca throughout; 0.5% vfg dissem PY min; no sig PO min; sharp lower contact with PEGGR measured at a37 b104</p>										
256.73	259.23	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	B74235	256.73	258	1.27	0.007	AGAT_FAICP		
<p>Pale-pink to pale-grey; no significant alteration; strong melt-texture defined by mcg feldspars with poorly-defined to non-existent grain boundaries; lclly developed exsolution lamellae defined in cg potassium feldspar; trace fmg dissem PY min; sharp lower contact measured at a55 b30</p>										
259.23	267.00	(FGS) Felsic Gneiss Sedimentary, ()	B74237	259.23	260	0.77	0.008	AGAT_FAICP		
<p>Grey to dark grey to purply-grey; fcg; moderately silicified; weak patchy RIE alteration 262-263.3m; 2-3% overall mg patchy to dissem SILL min (lclly higher concentrations 5-7%); weak banded texture defined by 5-7% fmg BIO and mm-cm scale QZ-CB stringers with moderate SER alt halos; 2% fmg dissem PY min</p>										
			B74239	260	261	1	0.006	AGAT_FAICP		
			B74240	261	262	1	0.004	AGAT_FAICP		
			B74241	262	263	1	0.003	AGAT_FAICP		
			B74242	263	264	1	0.002	AGAT_FAICP		
			B74243	264	265	1	0.002	AGAT_FAICP		
			B74244	265	266	1	0.002	AGAT_FAICP		
			B74245	266	267	1	0.002	AGAT_FAICP		
267.00	276.06	(FGG) Felsic Gneiss Granitic, ()	B74247	267	268	1	0.001	AGAT_FAICP		
<p>Grey to dark grey to white to reddish-pink; fcg; moderate-strong silica overprinting; lcl strong patchy (lclly pervasive) POT alt; weak patchy SER alt; clotty-texture defined by 8-10% fmg dissem to wispy SILL and 5-7% fmg dissem to patchy MUSC; foliation intensity variable throughout and lclly measured at 275.05m with a56 b125; several mm to cm-scale QZ-CB-FSP veinlets/stringers generally concordant with foliation but lclly discordant; 3 micro lamps <2cm in thickness cut unit parallel to one another and discordant to foliation; one FOD-AX2 measured at 274.60m plunging 50 towards 029; 0.25-0.50% vfg to lclly fmg PY min throughout; diffuse/inferred upper contact and sharp lower contact with PEGGR</p>										
			B74248	268	269	1	0.0005	AGAT_FAICP		
			B74249	269	270	1	0.0005	AGAT_FAICP		
			B74250	270	271	1	0.001	AGAT_FAICP		
			B74251	271	272	1	0.0005	AGAT_FAICP		
			B74253	272	273	1	0.0005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
measured at a25 b322			B74254	273	274	1	0.0005	AGAT_FAICP		
			B74255	274	275	1	0.002	AGAT_FAICP		
			B74256	275	276.06	1.06	0.0005	AGAT_FAICP		
276.06	277.30	(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGGR) Granitic Pegmatite (<50% quartz)	B74257	276.06	277.3	1.24	0.0005	AGAT_FAICP		
		Reddish-pink to black; fcg; 10-15% fmg patchy/agr BIO entrained throughout vein material; veining appears to be cutting unit sub-parallel to core axis showing a weakly defined FOD-AX2 with lcl comp S0/S1 fabric; no sig min; diffuse/inferred lower contact								
277.30	282.18	(FGG) Felsic Gneiss Granitic, ()	B74259	277.3	278.15	0.85	0.0005	AGAT_FAICP		
		Dark grey to grey to pale pinkish-grey; fcg; moderate-strong silica overprinting; moderately clotty and weakly-moderately crenulated defined by fabric defined by 7-10% BIO; 8-10% fmg dissem MUSC and SILL throughout lclly defining foliation; weak-moderate POT alt halos around mm-cm scale Qz-CB stringers; 1 micro-lamp dyke cuts unit at 279.92-279.94m; no significant mineralization; sharp lower contact with melt-textured PEGGR measured at a67 b290	B74260	278.15	279	0.85	0.0005	AGAT_FAICP		
			B74261	279	280	1	0.0005	AGAT_FAICP		
			B74262	280	281	1	0.0005	AGAT_FAICP		
			B74263	281	282.18	1.18	0.001	AGAT_FAICP		
282.18	282.77	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	B74264	282.18	282.77	0.59	0.001	AGAT_FAICP		
		Pale-pink to white; cg; moderately melt-textured lacking individual grain boundaries (not entirely melted; partial-melt texture);								
282.77	289.87	(FGG) Felsic Gneiss Granitic, ()	B74265	282.77	284	1.23	0.001	AGAT_FAICP		
		Dark grey to lclly reddish-pink; fcg; moderate-strong silica overprinting; weak-moderate SER alt halos around mm-cm QZ-CB-FSP stringers generally concordant with moderately defined foliation measured lclly at 284.51m with a55 b18; significantly less MUSC and SILL than above FGG intervals with this unit bordering on FGSBI territory; 12-15% BIO defines background; sharp lower contact with UMD measured at a45 b321	B74267	284	284.8	0.8	0.001	AGAT_FAICP		
			B74268	284.8	285.3	0.5	0.001	AGAT_FAICP		
			B74269	285.3	286	0.7	0.001	AGAT_FAICP		
			B74270	286	287	1	0.0005	AGAT_FAICP		
			B74271	287	288	1	0.0005	AGAT_FAICP		
			B74273	288	289	1	0.0005	AGAT_FAICP		
			B74274	289	289.87	0.87	0.0005	AGAT_FAICP		
289.87	290.22	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	B74275	289.87	290.22	0.35	0.002	AGAT_FAICP		
		Dark grey; fmg; weak POR texture defined by anhedral angular CB phenocrysts entrained in dyke matrix; no sig alt or min; sharp upper and lower contacts measured at a45 b321 and a47 b324 respectively								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
290.22	300.37	(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS Grey to dark grey; fcg; moderate-strong silica overprinting with moderate patchy POT and SER alt also appearing as halos lclly defining weak/trace banded texture overall; variable abundances of background BIO 8-10% overall; variable MUSC mineralization 4-5% overall; minor PEGGR veining lclly hosting no significant mineralization; one small UMD from 296.62-296.77m with unoriented alphas of 55 and 35 at upper and lower contact respectively; 2-3% fmg disem to lclly patchy SILL min; 0.5-1% vffg dissem PY min; diffuse lower contact with PEGGR	B74276	290.22	291	0.78	0.0005	AGAT_FAICP		
			B74277	291	292	1	0.0005	AGAT_FAICP		
			B74279	292	293.25	1.25	0.0005	AGAT_FAICP		
			B74280	293.25	293.55	0.3	0.001	AGAT_FAICP		
			B74281	293.55	294	0.45	0.001	AGAT_FAICP		
			B74282	294	295	1	0.001	AGAT_FAICP		
			B74283	295	296	1	0.003	AGAT_FAICP		
			B74284	296	297	1	0.002	AGAT_FAICP		
			B74285	297	298	1	0.001	AGAT_FAICP		
			B74287	298	299	1	0.001	AGAT_FAICP		
B74288	299	300.37	1.37	0.001	AGAT_FAICP					
300.37	301.24	(PEG) Pegmatite, () Pink to black; fcg; melt-textured PEGGR defined by lack of boundaries between feldspar minerals; inclusions of 10-15% BIO from uphole FGS define a strong PGM texture throughout; BIO sections host 1-2% overall fmg wispy SILL and trace amts of MUSC; no sig min; diffuse lower contact with MUSC-bearing (not MUSC-rich) strained FGS	B74289	300.37	301.24	0.87	0.0005	AGAT_FAICP		
301.24	302.38	(FGS) Felsic Gneiss Sedimentary, () Grey; fmg; moderately silicified; moderately foliated defined by 8-10% BIO and weak-moderate increase in STI compared to above FGS units (similar in appearance to uphole FGG); variable but small abundance of fmg dissem MUSC throughout 2-3% overall; 1 minor BIO-bearing opaque-white QV2 from 301.53-301.67m hosting no sig min; one FOD-AX1 feature observed and measured at 301.33m with axis plunging 35 towards 030; 1% vffg dissem PY min overall;	B74290	301.24	301.7	0.46	0.0005	AGAT_FAICP		
			B74291	301.7	303	1.3	0.001	AGAT_FAICP		
302.38	311.58	(FGS) Felsic Gneiss Sedimentary, () Dark grey; fcg; mod-strong silicification with minor POT and SER alt halos around mm-scale QZ-CB stringers; POR texture moderately developed defined by subrounded to angular subhedral QZ-FSP phenocrysts in a felsic-biotite-rich background; 8-10% BIO defines matrix with 3-4% fmg to lclly cg patchy MUSC defining identifier; 1-2% patchy to wispy lclly defined SILL mineralization generall concordant with overall weak-moderate foliation measured lclly at ~70-75dtca; one strongly developed FOD-AX1 measured at 302.50m plunging 55 towards 045; 0.5% vffg dissem PY min throughout; gradational/moderate lower contact with strongly POT altered FGS	B74293	303	304	1	0.001	AGAT_FAICP		
			B74294	304	305	1	0.001	AGAT_FAICP		
			B74295	305	306	1	0.001	AGAT_FAICP		
			B74296	306	307	1	0.002	AGAT_FAICP		
			B74297	307	308	1	0.001	AGAT_FAICP		
			B74299	308	309	1	0.001	AGAT_FAICP		
			B74300	309	310	1	0.004	AGAT_FAICP		
			B74301	310	311.1	1.1	0.002	AGAT_FAICP		
			B74302	311.1	311.58	0.48	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
311.58	312.41	(FGS) Felsic Gneiss Sedimentary, ()	B74303	311.58	312.41	0.83	0.003	AGAT_FAICP		
Red to pinkish-red; strong pervasive POT alteration; clotty-texture defined by potassic and moderate SER alteration; minor QV material; no sig min; gradational upper and lower contact										
312.41	316.30	(FGS) Felsic Gneiss Sedimentary, ()	B74304	312.41	313	0.59	0.0005	AGAT_FAICP		
Grey to dark grey to reddish-pink-grey; fmg; moderate silicification and variable potassic alteration throughout lclly weak and lclly intense appearing as bands; moderately foliated measured at 313.36m a70 b360; no sig min; sharp lower contact with PEGGR unit measured at a70 b180										
			B74305	313	314	1	0.001	AGAT_FAICP		
			B74307	314	315	1	0.001	AGAT_FAICP		
			B74308	315	315.6	0.6	0.0005	AGAT_FAICP		
			B74309	315.6	316.3	0.7	0.001	AGAT_FAICP		
316.30	318.10	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	B74310	316.3	317.26	0.96	0.002	AGAT_FAICP		
Reddish-pink to beige; fcg; clotty-texture defined by strong POT and moderate SER alt with 20-30% milky-white QZ poking through background alteration; 0.25% mg dissem PY min POT-alt hosted (no QZ-hosted sulphide mineralization); inferred lower contact										
			B74311	317.26	318.1	0.84	0.002	AGAT_FAICP		
318.10	325.66	(FGS) Felsic Gneiss Sedimentary, ()	B74313	318.1	319	0.9	0.0005	AGAT_FAICP		
Grey to dark grey; fmg; strong silicification and weak-moderate patchy to banded SER and POT alteration lclly; clotty-texture weakly developed and is defined by wavy textures to BIO-defined foliation mod-strongly developed measured lclly at 322.34m with a75 b75; strong silica flooding from 321.40-232.42m with weak pervasive RIE alt giving weak purply-beige hue to unit; 4-5% fmg dissem MUSC throughout; 3-4% fmg dissem PY min throughout 2-3% PO min fmg dissem; weakly-developed lower contact with PEGQG										
			B74314	319	320	1	0.001	AGAT_FAICP		
			B74315	320	321	1	0.002	AGAT_FAICP		
			B74316	321	321.4	0.4	0.003	AGAT_FAICP		
			B74317	321.4	322.42	1.02	0.004	AGAT_FAICP		
			B74319	322.42	323.42	1	0.005	AGAT_FAICP		
			B74320	323.42	324	0.58	0.006	AGAT_FAICP		
			B74321	324	325	1	0.007	AGAT_FAICP		
			B74322	325	325.66	0.66	0.003	AGAT_FAICP		
325.66	328.31	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	B74323	325.66	327	1.34	0.002	AGAT_FAICP		
Pink to white to black; cvcg; grain size defines strong PEG texture with 2-3% cg patchy MUSC and 4-5% cg patchy BIO; no sig min; sharp lower contact with FGS measured at a73 b286										
			B74324	327	328.31	1.31	0.003	AGAT_FAICP		
328.31	331.47	(FGS) Felsic Gneiss Sedimentary, ()	B74325	328.31	329.2	0.89	0.007	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Grey to dark grey to beige-grey; fmg; strong silicification; moderate patchy to halo-style SER alteration; weak banded texture defined by aforementioned alteration halos; no significant sulphide mineralization; weak lower contact with PEGGR measured at a50 b94	B74327	329.2	330.25	1.05	0.013	AGAT_FAICP		
			B74328	330.25	331.47	1.22	0.005	AGAT_FAICP		
331.47	332.01	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	B74329	331.47	332.01	0.54	0.003	AGAT_FAICP		
		Pale green to whitish-beige; weak lclly developed melt-texture defined by cg KF; 5-7% fcg dissem BIO defines weak-moderate PEG texture; 0.5% fg to lclly mg dissem vein-hosted PY min; sharp lower contact with split FGS/PEG unit								
332.01	336.00	(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, ()	B74330	332.01	333	0.99	0.015	AGAT_FAICP		
		Split 40/60 interval composed of grey fmg silicified FGS cut by 60% clotty-textured grey-green/grey-pink granitic pegmatite; moderate patchy POT and SER alteration define clotty-texture; variable feldspar compositions to pegmatites with 10-20% smokey-grey QZ present in veins; FGS units host bulk of 2% sulphide mineralization dominantly PO min 0.5% PY; inferred lower contact with FGG at 336m	B74331	333	334	1	0.023	AGAT_FAICP		
			B74333	334	335	1	0.035	AGAT_FAICP		
			B74334	335	336	1	0.024	AGAT_FAICP		
336.00	338.60	(FGG) Felsic Gneiss Granitic, ()	B74335	336	337.3	1.3	0.029	AGAT_FAICP		
		Pink to grey to pinkish-beige; fcg; strong silicification and lclly patchy strong/intense POT alteration with minor weak SER alt all defining overall clotty texture in conjunction with 5-7% fmg dissem MUSC and 2-3% fmg dissem to wispy SILL; few QZ-stringers cut unit at random intervals/orientations to core axis; no significant mineralization; lower contact moderately defined and measured at a80 b360	B74336	337.3	338.6	1.3	0.053	AGAT_FAICP		
338.60	346.73	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	B74337	338.6	340	1.4	0.464	AGAT_FAICP		
		Dark grey to grey; fcg; moderate pervasive silicification; weak-moderate patchy to halo-style SER alteration around mm-cm scale QZ-CB stringers; POB-texture moderately defined by mcg rounded GRT 10% overall with lclly higher concentrations up to 15%;; mod-strong foliated measured lclly at 342.24m with a63 b286; STI increases to mod-strong between 344.08-344.73m with well-defined upper and lower contacts measured at a54 b315 and a64 b318 respectively; banded texture strong measured at a57 b298; Lineation measured at 343.41m plunging 42 towards 088; FOD-AX1 measured at 343.46 plunging 23 towards 045; 0.25% vffg to lclly mg PY min; trace PO min	B74339	340	341	1	0.008	AGAT_FAICP		
			B74340	341	342	1	0.01	AGAT_FAICP		
			B74341	342	343	1	0.011	AGAT_FAICP		
			B74342	343	344.08	1.08	0.068	AGAT_FAICP		
			B74343	344.08	344.73	0.65	0.005	AGAT_FAICP		
			B74344	344.73	345.5	0.77	0.023	AGAT_FAICP		
			B74345	345.5	346.73	1.23	0.012	AGAT_FAICP		
346.73	349.78	(FGG) Felsic Gneiss Granitic, ()	B74347	346.73	348	1.27	0.005	AGAT_FAICP		
		Reddish-pink to reddish-beige; fcg; moderate-strong silica overprinting with moderate pervasive POT and SER alt as well; lotty-texture defined by alteration with lcl slivers of unaltered FGSGB w/ minor SILL included; one minor PEGQG veinlet from 349.12-349.24m hosting no sig min; few cm-scale PEGGR veinlets cut host unit subparallel to weakly defined foliation; no significant mineralization	B74348	348	349	1	0.009	AGAT_FAICP		
			B74349	349	349.78	0.78	0.01	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
349.78	354.19	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone Grey to dark grey to lclly beige; fcg; moderate silicification; moderate banded/halo POT and SER alt around QZ-CB stringers; 5-7% fcg POB to dissem GRT throughout; 2-3% fmg dissem/wispy background SILL min throughout unit; 0.25% vffg dissem PY min; sharp lower contact with clotty-textured FGG-bearing PEGGR measured at a56 b212	B74350	349.78	351	1.22	0.005	AGAT_FAICP		
			B74351	351	352	1	0.004	AGAT_FAICP		
			B74353	352	353	1	0.004	AGAT_FAICP		
			B74354	353	354.19	1.19	0.004	AGAT_FAICP		
354.19	354.94	(FGG, PEG) Felsic Gneiss Granitic, Pegmatite, () Split 80/20 interval composed of clotty-textured POT+SER altered FGG with minor granitic PEG cutting unit irregularly; 3-4% mcg dissem to patchy BIO min both FGG and PEG hosted; no sig min; sharp lower contact with FGSGB at a70 b360	B74355	354.19	354.94	0.75	0.005	AGAT_FAICP		
354.94	355.66	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone Grey; fmg; mod silicification; weak SER alt halos around QZ-CB stringers; moderate increase in POT alteration towards lower contact with UMD; no sig min; sharp lower contact at a33 b164	B74356	354.94	355.66	0.72	0.003	AGAT_FAICP		
355.66	356.45	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Dark brown; vfg to cg; POR texture defined by CG FSP phenocrysts showing strong reaction rims; minor fmg angular to subrounded CB phenocrysts included in UMD; no sig min or veining; sharp lower contact measured at a43 b188	B74357	355.66	356.45	0.79	0.002	AGAT_FAICP		
356.45	382.00	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone Grey to dark grey to lclly beige-grey; fcg; moderate silicification and moderate patchy/banded/halo SER alteration lclly around QZ-CB stringers; several well-developed fold features measured with one FOD-AX1 at 357.60m plunging 49 towards 061 and again at 360.31m plunging 52 towards 049; one BUD-LA at 327.25m plunging 53 towards 061; moderate-strong foliation defined throughout measured at 358.27m with a70 b266 and again at 371.55m with a55 b296; lcl moderately developed AUG texture defined by cg subrounded FSP phenocrysts lclly showing GRT centers; variable abundance of garnet throughout with ~5-7% overall; 2 cm-scale UMD's cut unit at 371.26-371.41m and again at 380.61-380.70m both sub-parallel to foliation alpha and discordant with foliation beta angles (more oblique); 1-2% fg to lclly fmg PY min disseminated throughout	B74359	356.45	357	0.55	0.006	AGAT_FAICP		
			B74360	357	358	1	0.006	AGAT_FAICP		
			B74361	358	359	1	0.005	AGAT_FAICP		
			B74362	359	360	1	0.004	AGAT_FAICP		
			B74363	360	361	1	0.006	AGAT_FAICP		
			B74364	361	362	1	0.005	AGAT_FAICP		
			B74387	379	380.5	1.5	0.012	AGAT_FAICP		
			B74388	380.5	380.8	0.3	0.017	AGAT_FAICP		
			B74389	380.8	382	1.2	0.004	AGAT_FAICP		
			B74380	373	374	1	0.005	AGAT_FAICP		
B74381	374	375	1	0.004	AGAT_FAICP					
B74382	375	376	1	0.003	AGAT_FAICP					

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			B74383	376	377	1	0.004	AGAT_FAICP		
			B74384	377	378	1	0.007	AGAT_FAICP		
			B74385	378	379	1	0.005	AGAT_FAICP		
			B74373	368	369	1	0.004	AGAT_FAICP		
			B74374	369	370	1	0.005	AGAT_FAICP		
			B74375	370	371.2	1.2	0.004	AGAT_FAICP		
			B74376	371.2	371.5	0.3	0.002	AGAT_FAICP		
			B74377	371.5	372	0.5	0.003	AGAT_FAICP		
			B74379	372	373	1	0.003	AGAT_FAICP		
			B74365	362	363	1	0.006	AGAT_FAICP		
			B74367	363	364	1	0.003	AGAT_FAICP		
			B74368	364	365	1	0.007	AGAT_FAICP		
			B74369	365	366	1	0.005	AGAT_FAICP		
			B74370	366	367	1	0.005	AGAT_FAICP		
			B74371	367	368	1	0.004	AGAT_FAICP		
382.00	382.50	(UMD) UMLAMP Diqe, (LAMPD) UMD - Lamprophyre Dyke	B74390	382	382.5	0.5	0.002	AGAT_FAICP		
		Green to greyish-brownish-green; fmg; no sig veining or mineralization; sharp upper and lower contacts measured at a40 b295 and a77 b312 respectively								
382.50	384.00	(FGS, UMD) Felsic Gneiss Sedimentary, UMLAMP Diqe, ()	B74391	382.5	383.15	0.65	0.021	AGAT_FAICP		
		Split 50/50 interval composed of strongly POT altered FGS being cut by a few different UMDs making up ~50% of interval intersecting unit at random orientations to core axis with one UMD from 383-383.11m with lower contact a55 b354; weak amygdule texture defined in UMDs; no sig min; end of hole intersects UMD; EOH=384	B74393	383.15	384	0.85	0.004	AGAT_FAICP		EOH=384

Hole ID : RD19-00021

Project : Borden

Drilling Details :

Azimuth : 172
 Dip : -45
 Length : 369
 Drill Start : 20-Aug-2019
 Drill Completed : 29-Aug-2019
 Core Size : NQ
 Drill Company : Major
 Oriented Core : No

Location Details :

Easting : 340591
 Northing : 5303494
 Elevation : 416
 UTM Grid : NAD83_UTMZ17N_GPS
 Township : Borden
 Storage Location : Chapleau Ont

Logging Details :

Logged By : Alex.Jibb
 Logged By 2 : Tyler.Compton
 Log Start : 26-Aug-2019
 Log Completed : 6-Sep-2019
 Re-Logged By :
 Re-Log Start :
 Re-Log Completed :

Comments :

Summary log: OVB (25m) > FGS (45m) > FGG (15M) > GBFG with lesser AMP (10m) > FGS (70m) with QV at 132-133m > FGG (90m) > FGS (70m) > DIA (5m) > FGS (15m) EOH. Occasional meter-scale PEG and UMD throughout. Several dm to m scale faults 230-265m. Trace to 2% Po 30-85m within FGS and FGG; trace Po 145-175m within FGS. Moderate to strong K alt noted throughout. Sampled from top of bedrock to EOH. Oriented core top of bedrock to EOH. Casing remains in ground; capped and labelled with hole ID. Van Ruth plug installed at 30m. GPS coordinates updated by waypoint averaging using Garmin hand-held unit. Alex Jibb: 0-70m; Tyler Compton: 70-369m. Hex stabilization used.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	27.00	(OB) Overburden, ()								
Overburden consisting of rounded boulders and 1.3m of competent conglomeratic-textured AMP with cvcg to fg QZ-FSP clasts; 3 blocks placed within 1.5m of another accounting for a total of 9m where there is only 80cm of competent bedrock (or large boulders); logging and bedrock begins at 27m										
27.00	30.70	(FGS) Felsic Gneiss Sedimentary, ()	B74394	27	28	1	0.004	AGAT_FAICP		
Grey; fmg; moderate-strong silica overprinting; moderate patchy to baded POT alteration; wispy QZ-FSP stretched phenocrysts define moderate-strong foliation in conjunction with 5-7% fmg BIO measured at ~55dtca (no lines on core to grab beta); no sig min; sharp lower contact with PEGGR										
			B74395	28	29	1	0.001	AGAT_FAICP		
			B74396	29	30	1	0.001	AGAT_FAICP		
			B74397	30	30.7	0.7	0.002	AGAT_FAICP		
30.70	32.12	(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGGR) Granitic Pegmatite (<50% quartz)	B74399	30.7	32.12	1.42	0.001	AGAT_FAICP		
Split 85/15 interval composed of white to pale-greenish melt-textured PEGGR including 15%										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
grey FGS from uphole; 1-2% cg disseminations/patchy BIO defines weak-moderate PEG texture; no significant mineralization; sharp lower contact with FGS										
32.12	44.05	(FGS) Felsic Gneiss Sedimentary, ()	B74400	32.12	33	0.88	0.002	AGAT_FAICP		
Grey to dark grey; fcg; moderate-strong silicification with moderate patchy/banded POT and SER alteration; several mm-cm scale QZ-CB-FSP stringers/veinlets cut unit both con- and discordant with mod-strongly defined foliation measured at ~57dtca; 8-10% fmg BIO define foliation; moderately developed POR texture defined by stretched (parallel to fol plane) to angular/subrounded anhedral to subhedral QZ-FSP phenocrysts; 1-2% vfg disseminations PY min background			B74401	33	34	1	0.0005	AGAT_FAICP		
			B74402	34	34.3	0.3	0.001	AGAT_FAICP		
			B74403	34.3	35	0.7	0.001	AGAT_FAICP		
			B74404	35	36	1	0.001	AGAT_FAICP		
			B74405	36	37	1	0.001	AGAT_FAICP		
			B74414	42	43	1	0.002	AGAT_FAICP		
			B74415	43	44.05	1.05	0.001	AGAT_FAICP		
			B74407	37	37.7	0.7	0.001	AGAT_FAICP		
			B74408	37.7	38	0.3	0.0005	AGAT_FAICP		
			B74409	38	39	1	0.003	AGAT_FAICP		
			B74410	39	40	1	0.004	AGAT_FAICP		
			B74411	40	41	1	0.001	AGAT_FAICP		
			B74413	41	42	1	0.001	AGAT_FAICP		
44.05	45.00	(UMD) UMLAMP Dike, ()	B74416	44.05	45	0.95	0.003	AGAT_FAICP		Dark brown; fg; no significant alteration or veining; no significant mineralization; sharp upper and lower contacts measured at a25 and a17 respectively (no lines to grab betas)
45.00	47.10	(FGS) Felsic Gneiss Sedimentary, ()	B74417	45	46	1	0.001	AGAT_FAICP		Grey to dark grey; fcg; moderately-strongly silicified with minor HALO-style POT alteration around QZ-CB stringers; porphyritic texture well-developed defined by mm-cm scale rounded to subhedral QZ-FSP phenocrysts locally stretched parallel to foliation; foliation consistent with uphole measurements roughly at ~55dtca (no lines on core); 0.5-1.0% vfg disseminations PY min background; end of interval composed of strongly altered FGS encroaching on FGG lithology
			B74419	46	47.1	1.1	0.01	AGAT_FAICP		
47.10	47.87	(UMD) UMLAMP Dike, ()	B74420	47.1	47.87	0.77	0.003	AGAT_FAICP		Dark brown; fg; no significant alteration or veining; no significant mineralization; sharp upper and lower contacts (no lines on core)
47.87	50.18	(FGG) Felsic Gneiss Granitic, ()	B74421	47.87	49	1.13	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Grey to beige; fcg; strong silicification and moderate flooding with moderate pervasive sercite alteration giving beige colour to unit; ptymatically folded UMD cuts unit parallel to core axis lclly; 3-5% cg patchy FSP+MUSC define clotty and weak AUG texture; porphyritic textured otherwise defined by QZ-FSP phenocrysts; no significant mineralization; gradational lower contact with FGS	B74422	49	50.18	1.18	0.002	AGAT_FAICP		
50.18	53.26	(FGS) Felsic Gneiss Sedimentary, ()	B74423	50.18	51	0.82	0.002	AGAT_FAICP		
		Grey to dark grey; fcg; strong silicification; porphyritic texture defined by stretched to subrounded QZ-FSP phenocrysts 0.1-1cm in size; lclly weakly conglomeratic similar in appearance to how FGC clasts are stretched forming faux-"veinlets/stringers/bands"; few cm-scale barren PEGGR stringers cut unit concordant with mod-strong foliation measured lclly at ~57dtca (no lines on core); 1% vffg dissem PY min throughout	B74424	51	52	1	0.0005	AGAT_FAICP		
			B74425	52	53.26	1.26	0.003	AGAT_FAICP		
53.26	54.57	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	B74427	53.26	54.57	1.31	0.002	AGAT_FAICP		
		Pinkish-red to grey; mcg; clotty-textured PEGGR with minor FGS inclusions throughout; 0.5% fmg dissem PY min; gradational lower contact with FGS (no lines on core)								
54.57	62.03	(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS	B74428	54.57	56	1.43	0.002	AGAT_FAICP		
		Grey to dark grey; fcg; strong silicification; weak SER alt halos around stringers/frac-fill QZ-CB material; foliation strong defined by 8-10% BIO measured lclly at 50dtca (no lines on core); 4-5% fcg dissem to patchy MUSC min throughout defining unit identifier; 1-2% vffg to lclly mg dissem PY min throughout; lower contact inferred and drawn due to increase in silica flooding	B74429	56	57	1	0.003	AGAT_FAICP		
			B74430	57	58	1	0.003	AGAT_FAICP		
			B74431	58	59	1	0.002	AGAT_FAICP		
			B74433	59	60	1	0.003	AGAT_FAICP		
			B74434	60	61	1	0.004	AGAT_FAICP		
			B74435	61	62.03	1.03	0.004	AGAT_FAICP		
62.03	70.70	(FGS) Felsic Gneiss Sedimentary, ()	B74436	62.03	63	0.97	0.009	AGAT_FAICP		
		Light grey to pale beige-grey to lclly darker grey; fmg throughout; unit strongly silica overprinted and mod-strongly siliceous compared to uphole FGS units; variable abundances of fmg dissem MUSC throughout overall 2-3%; 5-7% BIO defines mod-strong foliation; few QV1-like veinlets cut unit general concordant to lclly discordant with overall foliation; FGG section from 63.62-63.89m defined by increase in POT and SER alt and increase in KF background; variable sulphide mineralization throughout 4-5% fmg dissem PY; 2% fmg dissem to agr PO min; lower contact sharp with UMD	B74437	63	63.6	0.6	0.009	AGAT_FAICP		
			B74439	63.6	63.95	0.35	0.007	AGAT_FAICP		
			B74440	63.95	65	1.05	0.006	AGAT_FAICP		
			B74441	65	66	1	0.005	AGAT_FAICP		
			B74442	66	67	1	0.005	AGAT_FAICP		
			B74443	67	68	1	0.004	AGAT_FAICP		
			B74444	68	69	1	0.012	AGAT_FAICP		
			B74445	69	70	1	0.006	AGAT_FAICP		
			B74446	70	70.7	0.7	0.004	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
70.70	72.12	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	B74447	70.7	71.35	0.65	0.004	AGAT_FAICP		
		Typical UMD with intensely altered pale green margins. No vis sulfs. Millimeter scale carb porphs congregated proximal to margins; locally 10-15%. Strongly magnetic throughout. Fine grained biot-rich dark grey-brown groundmass.	B74448	71.35	72.12	0.77	0.002	AGAT_FAICP		
72.12	83.65	(FGG) Felsic Gneiss Granitic, ()	B74449	72.12	73	0.88	0.004	AGAT_FAICP		
		Fine grained FGG with mm scale musc porphs. Fine dissem Py-Po throughout; <5mm; ~2%; often elongate and aligned with foliation. 15-20% overall mica content (musc/biot); biot fine dissem; musc fine to coarse porphs often elongate and aligned with foliation. Groundmass is strongly siliceous. Well developed foliation; remains mostly consistent. Moderately to strongly silicified and sericitized throughout; locally strong pink K alt assoc with veining. 3% veining; typically <2cm and foliation concordant; rare dm scale veining (coarse musc and Po-Py; discordant; significant plag and biot).	B74450	73	74	1	0.013	AGAT_FAICP		
			B74451	74	75	1	0.019	AGAT_FAICP		
			B74453	75	75.5	0.5	0.006	AGAT_FAICP		
			B74454	75.5	76	0.5	0.009	AGAT_FAICP		
			B74455	76	76.4	0.4	0.008	AGAT_FAICP		
			B74463	81	82	1	0.003	AGAT_FAICP		
			B74464	82	82.8	0.8	0.01	AGAT_FAICP		
			B74465	82.8	83.65	0.85	0.276	AGAT_FAICP		
			B74456	76.4	77	0.6	0.008	AGAT_FAICP		
			B74457	77	78	1	0.007	AGAT_FAICP		
			B74459	78	79	1	0.005	AGAT_FAICP		
			B74460	79	79.7	0.7	0.008	AGAT_FAICP		
			B74461	79.7	80.3	0.6	0.004	AGAT_FAICP		
			B74462	80.3	81	0.7	0.007	AGAT_FAICP		
83.65	84.20	(QV) Quartz Vein, (QZVT2) Massive quartz vein	B74467	83.65	84.2	0.55	0.017	AGAT_FAICP		
		Intensely altered qz veining comingled with host selvages. Exhibits intense ductile deformation. Mylonitic texture. Intense K and sericitic banding; imparts strong foliation. No vis sulfs. Qz is grey-white; opq.								
84.20	85.47	(FGG) Felsic Gneiss Granitic, ()	B74468	84.2	84.7	0.5	0.013	AGAT_FAICP		
		As described in 72.12-83.65m. Strong sericitic alteration.	B74469	84.7	85.47	0.77	0.021	AGAT_FAICP		
85.47	91.85	(GBFG) Garnet Biotite Felsic Gneiss, ()	B74470	85.47	86	0.53	0.053	AGAT_FAICP		
		Fine grained GBFG with 20% med to coarse garnet porphs; weakly elongate; alignment imparts foliation. No vis sulfs. Strongly siliceous throughout. Rare high-angle ab veinlets. Rare qz veining; <1%; concordant; barren; strong sericitic frac controlled alteration. High-angle microfracs exhibit sericitic halos.	B74471	86	87	1	0.017	AGAT_FAICP		
			B74473	87	87.65	0.65	0.034	AGAT_FAICP		
			B74474	87.65	88.3	0.65	0.02	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			B74475	88.3	88.65	0.35	0.008	AGAT_FAICP		
			B74476	88.65	89.4	0.75	0.014	AGAT_FAICP		
			B74477	89.4	90	0.6	0.013	AGAT_FAICP		
			B74479	90	91	1	0.008	AGAT_FAICP		
			B74480	91	91.85	0.85	0.006	AGAT_FAICP		
91.85	93.65	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	B74481	91.85	92.7	0.85	0.002	AGAT_FAICP		
		Garnetiferous AMP interbedded with lesser GBFG. No vis sulfs. 10% cm scale garnet megaporphs; anhedral; clustered. Moderately developed foliation hosting weakly elongate garnets. No significant alteration or veining.	B74482	92.7	93	0.3	0.002	AGAT_FAICP		
			B74483	93	93.65	0.65	0.002	AGAT_FAICP		
93.65	94.08	(GBFG) Garnet Biotite Felsic Gneiss, ()	B74484	93.65	94.08	0.43	0.003	AGAT_FAICP		As described in 85.47-91.83m
94.08	94.55	(QV) Quartz Vein, (QZVT2) Massive quartz vein	B74485	94.08	94.55	0.47	0.003	AGAT_FAICP		Opq white qz vein hosting 15% coarse disseminated biot. No vis sulfs. Trace epidote alteration. Deformed margins with dense biot envelope.
94.55	95.13	(GBFG) Garnet Biotite Felsic Gneiss, ()	B74487	94.55	95.13	0.58	0.004	AGAT_FAICP		Classic GBFG texture which differs markedly from proximal GBFG. Black and white fine salt and pepper appearance. 50% biot in white quartzofeldspathic groundmass; alignment imparts strong foliation. No vis sulfs or alteration. Trace garnet.
95.13	101.65	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	B74488	95.13	95.9	0.77	0.004	AGAT_FAICP		
		Fine grained homogeneous FGS. Equigranular. ~20% fine disseminated biot. No vis sulfs. No significant alteration. Rare cm to dm scale qz veins (1%): discordant; opq white; barren; significant coarse biot.	B74489	95.9	96.3	0.4	0.004	AGAT_FAICP		
			B74490	96.3	97	0.7	0.004	AGAT_FAICP		
			B74491	97	98	1	0.004	AGAT_FAICP		
			B74493	98	99	1	0.004	AGAT_FAICP		
			B74494	99	100	1	0.003	AGAT_FAICP		
			B74495	100	100.3	0.3	0.005	AGAT_FAICP		
			B74496	100.3	100.7	0.4	0.003	AGAT_FAICP		
			B74497	100.7	101.3	0.6	0.005	AGAT_FAICP		
			B74499	101.3	101.65	0.35	0.015	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
101.65	102.60	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Fine grained biot-rich groundmass hosting 20% carb porphs (amorphous; mm to cm scale). No vis sulfs. Minor pale green alteration at margins. Moderately magnetic.	B74500	101.65	102.6	0.95	0.006	AGAT_FAICP		
102.60	103.00	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone As described in 95.13-101.65m	B74501	102.6	103	0.4	0.002	AGAT_FAICP		
103.00	104.00	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke As described in 101.65-102.6m	B74502	103	104	1	0.002	AGAT_FAICP		
104.00	111.25	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone FGS as previously described but with elevated vein prevalence. ~5% qz veining; approximately concordant; opq white; no vis sulfs; no vis alteration; cm to dm scale <30cm. Veining exhibits strong ductile deformation; occasional well preserved folding. Veins host fine to coarse dissem biot with prominent dense biot envelopes. Elevated biot content relative to prev FGS; ~30%; also more coarse than previous. Foliation is weakly to moderately developed overall.	B74503	104	105	1	0.005	AGAT_FAICP		
			B74504	105	106	1	0.006	AGAT_FAICP		
			B74505	106	107	1	0.007	AGAT_FAICP		
			B74507	107	107.4	0.4	0.006	AGAT_FAICP		
			B74508	107.4	108	0.6	0.006	AGAT_FAICP		
			B74509	108	109	1	0.007	AGAT_FAICP		
			B74510	109	109.53	0.53	0.009	AGAT_FAICP		
			B74511	109.53	110.15	0.62	0.052	AGAT_FAICP		
			B74513	110.15	111	0.85	0.003	AGAT_FAICP		
111.25	129.35	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone FGS differentiated from previous FGS by prevalence of enclaves of strong alteration and mineralization. Prominent cm to dm scale alteration bands concordant with foliation; K-Hem-Ser assemblage. Decimeter to m scale enclaves of strong garnet and/or silimanite mineralization; locally 20-30%; mm scale; subhedral; disseminated. No significant sulfides (trace Py-Po occ present in veins). 3% veining; cm scale; barren; often strongly deformed; some examples exhibiting isoclinal F1 folding. Groundmass is very fine grained; equigranular; 20% biot in qz-fspr groundmass. Minor UMD at 114-114.15m; typical strongly magnetic LAMP.	B74514	111	112	1	0.003	AGAT_FAICP		
			B74515	112	113	1	0.003	AGAT_FAICP		
			B74516	113	113.4	0.4	0.003	AGAT_FAICP		
			B74517	113.4	114	0.6	0.006	AGAT_FAICP		
			B74519	114	114.3	0.3	0.006	AGAT_FAICP		
			B74520	114.3	115	0.7	0.006	AGAT_FAICP		
			B74542	129	129.35	0.35	0.003	AGAT_FAICP		
			B74535	124.2	125	0.8	0.004	AGAT_FAICP		
			B74536	125	126	1	0.003	AGAT_FAICP		
			B74537	126	126.6	0.6	0.004	AGAT_FAICP		
			B74539	126.6	127	0.4	0.004	AGAT_FAICP		
			B74540	127	128	1	0.005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			B74541	128	129	1	0.007	AGAT_FAICP		
			B74528	119.4	120	0.6	0.009	AGAT_FAICP		
			B74529	120	121	1	0.014	AGAT_FAICP		
			B74530	121	122	1	0.003	AGAT_FAICP		
			B74531	122	123	1	0.005	AGAT_FAICP		
			B74533	123	123.35	0.35	0.003	AGAT_FAICP		
			B74534	123.35	124.2	0.85	0.004	AGAT_FAICP		
			B74521	115	116	1	0.012	AGAT_FAICP		
			B74522	116	117	1	0.012	AGAT_FAICP		
			B74523	117	117.6	0.6	0.004	AGAT_FAICP		
			B74524	117.6	118.03	0.43	0.003	AGAT_FAICP		
			B74525	118.03	119	0.97	0.008	AGAT_FAICP		
			B74527	119	119.4	0.4	0.009	AGAT_FAICP		
129.35	130.33	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	B74543	129.35	130	0.65	0.003	AGAT_FAICP		
		Strongly to intensely altered: K-Hem-Ser assemblage. Characterized by prominent subhedral cm scale selectively altered pink-red fspr xls. Healed brecciation. No vis sulfs. Very coarse cm scale euhedral biot xls with prominent sericitic alteration halos.	B74544	130	130.33	0.33	0.003	AGAT_FAICP		
130.33	131.75	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	B74545	130.33	131	0.67	0.003	AGAT_FAICP		
		As described in 111.25-129.35m. Decimeter scale discrete bands of intense alteration (K-Ser-Silic assemblage)	B74547	131	131.75	0.75	0.211	AGAT_FAICP		
131.75	133.25	(QV, FGS) Quartz Vein, Felsic Gneiss Sedimentary, (QZVT2) Massive quartz vein	B74548	131.75	132.4	0.65	0.003	AGAT_FAICP		
		Interval comprises intercalated qz veins and FGS lithons. Veins are approximately concordant with weak foliation visible in FGS. No vis sulfs. Weak pale green alteration visible in veins; likely epidote. Significant ductile deformation is evident in vein deformation.	B74549	132.4	132.9	0.5	0.002	AGAT_FAICP		
			B74550	132.9	133.25	0.35	0.003	AGAT_FAICP		
133.25	145.20	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	B74551	133.25	134	0.75	0.004	AGAT_FAICP		
		FGS characterized by dm to m scale enclaves of strong garnet-sillimanite mineralization; locally 20-30% mineralization over 30-50cm. Trace Po localized in veins or cm scale enclaves hosting fine disseminated xls. Locally strong alteration present as prominent cm to dm scale bands of Ser-K-Sil alteration; foliation concordant. Overall moderate foliation development highlighted locally by alignment of lenticular sillimanite aggs. Rare cm scale opq white qz veins; <5cm; foliation concordant; trace Po	B74553	134	135	1	0.004	AGAT_FAICP		
			B74554	135	135.6	0.6	0.006	AGAT_FAICP		
			B74555	135.6	136.2	0.6	0.007	AGAT_FAICP		
			B74556	136.2	137	0.8	0.013	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			B74557	137	138	1	0.004	AGAT_FAICP		
			B74565	143	143.8	0.8	0.081	AGAT_FAICP		
			B74567	143.8	144.55	0.75	0.003	AGAT_FAICP		
			B74568	144.55	145.2	0.65	0.003	AGAT_FAICP		
			B74559	138	139	1	0.004	AGAT_FAICP		
			B74560	139	140	1	0.003	AGAT_FAICP		
			B74561	140	141	1	0.002	AGAT_FAICP		
			B74562	141	141.75	0.75	0.001	AGAT_FAICP		
			B74563	141.75	142.25	0.5	0.002	AGAT_FAICP		
			B74564	142.25	143	0.75	0.003	AGAT_FAICP		
145.20	147.82	(FGG) Felsic Gneiss Granitic, ()	B74569	145.2	146	0.8	0.004	AGAT_FAICP		
		Intensely altered mylonitic FGG. Musc is scarce; aligned with foliation where present. Centimeter scale enclaves hosting 3% Py over 5cm; lenticular; foliation controlled. Strongly siliceous throughout. Intense K-Ser-Hem alteration imparts banded appearance. Occasional minor pegmatites qz veins with intensely altered red-pink fspr xls; <5cm. Strong ductile deformation.	B74570	146	147	1	0.004	AGAT_FAICP		
			B74571	147	147.45	0.45	0.005	AGAT_FAICP		
			B74573	147.45	147.82	0.37	0.003	AGAT_FAICP		
147.82	148.32	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	B74574	147.82	148.32	0.5	0.002	AGAT_FAICP		
		Alteration imparts green colouration. Minor disseminated mm scale clasts in aphanitic groundmass. Not magnetic.								
148.32	148.85	(FGG) Felsic Gneiss Granitic, ()	B74575	148.32	148.85	0.53	0.005	AGAT_FAICP		
		As described in 145.2-147.82m								
148.85	152.12	(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS	B74576	148.85	149.3	0.45	0.003	AGAT_FAICP		
		As described in 133.25-145.2m with the addition of 2% mm scale hackly muscovite porphs; dissem. Occasional cm scale enclaves of 2% Py mineralization; lenticular; foliation controlled.	B74577	149.3	149.6	0.3	0.003	AGAT_FAICP		
			B74579	149.6	150	0.4	0.002	AGAT_FAICP		
			B74580	150	150.35	0.35	0.007	AGAT_FAICP		
			B74581	150.35	151	0.65	0.002	AGAT_FAICP		
			B74582	151	151.46	0.46	0.0005	AGAT_FAICP		
			B74583	151.46	152.12	0.66	0.002	AGAT_FAICP		
152.12	153.95	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	B74584	152.12	153	0.88	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Fine grained homogeneous groundmass; equigranular. Strongly magnetic. Weakly altered contacts. Porphyroclastic enclaves proximal to contacts. No vis sulfs.	B74585	153	153.95	0.95	0.002	AGAT_FAICP		
153.95	177.00	(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS	B74587	153.95	155	1.05	0.005	AGAT_FAICP		
		Typical FGS composition; notably varying texture (from fine to medium grained; equigranular). Overall weakly altered with localized banded K-Ser-Silic alteration; often assoc with microfracs and minor veinlets. Negligible veining; rare veins <5cm; no vis sulfs; weak to moderate alteration; one example appears open folded; concordant with folded foliation (suggests F2 folding). Overall trace sulfide content; fine dissem anhedral xls localized in cm scal enclaves. Minor muscovite: mm scale subhedral porphs; dissem within cm scale enclaves; typically associated with minor Py mineralization.	B74588	155	156	1	0.001	AGAT_FAICP		
			B74589	156	157	1	0.005	AGAT_FAICP		
			B74590	157	158	1	0.005	AGAT_FAICP		
			B74591	158	159	1	0.002	AGAT_FAICP		
			B74593	159	160	1	0.007	AGAT_FAICP		
			B74615	176.2	177	0.8	0.002	AGAT_FAICP		
			B74608	171	172	1	0.002	AGAT_FAICP		
			B74609	172	173	1	0.003	AGAT_FAICP		
			B74610	173	174	1	0.003	AGAT_FAICP		
			B74611	174	174.85	0.85	0.01	AGAT_FAICP		
			B74613	174.85	175.15	0.3	0.007	AGAT_FAICP		
			B74614	175.15	176.2	1.05	0.001	AGAT_FAICP		
			B74601	164.9	166	1.1	0.004	AGAT_FAICP		
			B74602	166	167	1	0.002	AGAT_FAICP		
			B74603	167	168	1	0.003	AGAT_FAICP		
			B74604	168	169	1	0.002	AGAT_FAICP		
			B74605	169	170	1	0.003	AGAT_FAICP		
			B74607	170	171	1	0.001	AGAT_FAICP		
			B74594	160	161	1	0.016	AGAT_FAICP		
			B74595	161	162	1	0.012	AGAT_FAICP		
		B74596	162	162.55	0.55	0.002	AGAT_FAICP			
		B74597	162.55	163	0.45	0.004	AGAT_FAICP			
		B74599	163	164	1	0.007	AGAT_FAICP			
		B74600	164	164.9	0.9	0.003	AGAT_FAICP			
177.00	183.47	(FGG) Felsic Gneiss Granitic, ()	B74616	177	178	1	0.003	AGAT_FAICP		
		Equigranular FGG with varying biot content (5-15%). Alignment of biot imparts moderate foliation. 3% dissem subhedral mm scale musc porphs. Trace fine dissem Py in cm scale enclaves. Several dm scale enclaves of strong alteration; typically comprising dense networks of healed microfracs. No significant veining; occ barren discordant veins <3cm; rare low angle veins <1cm; both exhibiting alteration halos.	B74617	178	179	1	0.001	AGAT_FAICP		
			B74619	179	180	1	0.001	AGAT_FAICP		
			B74620	180	181	1	0.002	AGAT_FAICP		
			B74621	181	182	1	0.001	AGAT_FAICP		
			B74622	182	183	1	0.004	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			B74623	183	183.35	0.35	0.001	AGAT_FAICP		
183.47	183.81	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	B74624	183.35	183.9	0.55	0.003	AGAT_FAICP		Strongly deformed qz-rich PEG. Mottled pink-white. Anhedral qz and fspar xls <1cm; equigranular. No vis sulfs. Coarse dissem biot and musc; prominent in host selvages. Alignment of biot imparts foliation; appears folded (open); possible passive folding.
183.81	196.15	(FGG) Felsic Gneiss Granitic, ()	B74625	183.9	185	1.1	0.001	AGAT_FAICP		As described in 177-183.47m
			B74627	185	186	1	0.006	AGAT_FAICP		
			B74628	186	187	1	0.006	AGAT_FAICP		
			B74629	187	188	1	0.002	AGAT_FAICP		
			B74630	188	189	1	0.004	AGAT_FAICP		
			B74631	189	190	1	0.004	AGAT_FAICP		
			B74640	194.6	195.17	0.57	0.0005	AGAT_FAICP		
			B74641	195.17	196	0.83	0.001	AGAT_FAICP		
			B74633	190	190.75	0.75	0.005	AGAT_FAICP		
			B74634	190.75	191.25	0.5	0.006	AGAT_FAICP		
			B74635	191.25	192	0.75	0.004	AGAT_FAICP		
			B74636	192	193	1	0.005	AGAT_FAICP		
			B74637	193	194	1	0.0005	AGAT_FAICP		
			B74639	194	194.6	0.6	0.0005	AGAT_FAICP		
196.15	196.36	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	B74642	196	196.5	0.5	0.001	AGAT_FAICP		Fine graine LAMP hosting 30% fine rounded carb porphs. No vis sulfs. Strongly magnetic.
196.36	203.46	(FGG) Felsic Gneiss Granitic, ()	B74643	196.5	197.4	0.9	0.002	AGAT_FAICP		As decribed in 177-183.47m
			B74644	197.4	198	0.6	0.002	AGAT_FAICP		
			B74645	198	199	1	0.002	AGAT_FAICP		
			B74647	199	200	1	0.006	AGAT_FAICP		
			B74648	200	201	1	0.004	AGAT_FAICP		
			B74649	201	202	1	0.02	AGAT_FAICP		
			B74650	202	203	1	0.005	AGAT_FAICP		
			B74651	203	203.46	0.46	0.005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
203.46	204.23	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	B74653	203.46	204.23	0.77	0.002	AGAT_FAICP		
Fine grained groundmass hosting 15% mm scale carb porphs. Strongly magnetic. No vis sulfs.										
204.23	214.43	(FGG, QV) Felsic Gneiss Granitic, Quartz Vein, ()	B74654	204.23	205	0.77	0.002	AGAT_FAICP		
FGG as previously described. Numerous dm scale enclaves of strong localized alteration (K-Hem-Silic with lesser Ser); hosting high angle barren qz veins/breccia cement. Alteration enclaves also assoc with chaotic fine microfrac networks. Increased prevalence of brittle deformation. No vis sulfs in litho or veins.										
			B74655	205	205.7	0.7	0.002	AGAT_FAICP		
			B74656	205.7	206.2	0.5	0.006	AGAT_FAICP		
			B74657	206.2	207	0.8	0.004	AGAT_FAICP		
			B74659	207	208	1	0.002	AGAT_FAICP		
			B74660	208	208.9	0.9	0.002	AGAT_FAICP		
			B74668	213.8	214.43	0.63	0.003	AGAT_FAICP		
			B74661	208.9	209.33	0.43	0.005	AGAT_FAICP		
			B74662	209.33	210	0.67	0.01	AGAT_FAICP		
			B74663	210	211	1	0.018	AGAT_FAICP		
			B74664	211	212	1	0.183	AGAT_FAICP		
			B74665	212	213	1	0.011	AGAT_FAICP		
			B74667	213	213.8	0.8	0.003	AGAT_FAICP		
214.43	216.80	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	B74669	214.43	215	0.57	0.001	AGAT_FAICP		
Very fine grained groundmass hosting 5-10% fine carb porphs. Brittle deformation: fine chaotic healed fracs; qz-carb cement. Interstitial carb throughout. Proximal host rock is strongly altered: Ser with lesser K. No vis sulfs.										
			B74670	215	216	1	0.001	AGAT_FAICP		
			B74671	216	216.8	0.8	0.001	AGAT_FAICP		
216.80	239.30	(FGG, QV) Felsic Gneiss Granitic, Quartz Vein, ()	B74673	216.8	218.17	1.37	0.002	AGAT_FAICP		
FGG as previously described but exhibiting strong alteration assoc with brecciation and faulting. Alteration assemblage comprises K-Hem with lesser Ser; patchy; assoc with brx/fracs/veins. 5% veining comprises cm scale vuggy qz-cb veins and porphyritic grey qz-dolomite brx fill. Vugs host euhedral drusy qz-cb and fine capillary-form green mineral (tremolite? aurichalcite? malachite?). Minor UMD at 229.12-229.37m. No vis sulfs throughout. Interval characterized by strong alteration and elevated strain (brittle deformation).										
			B74674	218.17	219	0.83	0.001	AGAT_FAICP		
			B74675	219	220	1	0.001	AGAT_FAICP		
			B74676	220	221	1	0.001	AGAT_FAICP		
			B74677	221	222	1	0.001	AGAT_FAICP		
			B74679	222	223	1	0.004	AGAT_FAICP		
			B74708	238.7	239.3	0.6	0.016	AGAT_FAICP		
			B74701	234.8	235.3	0.5	0.003	AGAT_FAICP		
			B74702	235.3	236	0.7	0.003	AGAT_FAICP		
			B74703	236	237	1	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			B74704	237	237.65	0.65	0.004	AGAT_FAICP		
			B74705	237.65	238.25	0.6	0.017	AGAT_FAICP		
			B74707	238.25	238.7	0.45	0.01	AGAT_FAICP		
			B74694	231	231.36	0.36	0.006	AGAT_FAICP		
			B74695	231.36	232	0.64	0.015	AGAT_FAICP		
			B74696	232	233	1	0.013	AGAT_FAICP		
			B74697	233	233.9	0.9	0.003	AGAT_FAICP		
			B74699	233.9	234.3	0.4	0.004	AGAT_FAICP		
			B74700	234.3	234.8	0.5	0.006	AGAT_FAICP		
			B74687	227	228	1	0.005	AGAT_FAICP		
			B74688	228	228.75	0.75	0.004	AGAT_FAICP		
			B74689	228.75	229.12	0.37	0.005	AGAT_FAICP		
			B74690	229.12	229.6	0.48	0.007	AGAT_FAICP		
			B74691	229.6	230	0.4	0.004	AGAT_FAICP		
			B74693	230	231	1	0.005	AGAT_FAICP		
			B74680	223	223.4	0.4	0.003	AGAT_FAICP		
			B74681	223.4	223.8	0.4	0.005	AGAT_FAICP		
			B74682	223.8	224.95	1.15	0.002	AGAT_FAICP		
			B74683	224.95	225.3	0.35	0.004	AGAT_FAICP		
			B74684	225.3	226	0.7	0.007	AGAT_FAICP		
			B74685	226	227	1	0.008	AGAT_FAICP		
239.30	239.85	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	B74709	239.3	239.85	0.55	0.005	AGAT_FAICP		
		Pale green dyke. Soft. Interstitial sericite. No vis sulfs. Not magnetic. Strongly altered.								
239.85	246.25	(FGG) Felsic Gneiss Granitic, ()	B74710	239.85	240.7	0.85	0.014	AGAT_FAICP		
		As described in 216.8-239.3m but with negligible veining. Numerous healed microfracs but no segments of broken or brecciated rock. Moderate to strong patchy alteration as prev.	B74711	240.7	241.4	0.7	0.009	AGAT_FAICP		
		Minor UMD 242.53-242.80m. No vis sulfs.	B74713	241.4	242	0.6	0.027	AGAT_FAICP		
			B74714	242	242.53	0.53	0.01	AGAT_FAICP		
			B74715	242.53	243	0.47	0.008	AGAT_FAICP		
			B74716	243	244	1	0.012	AGAT_FAICP		
			B74717	244	245	1	0.004	AGAT_FAICP		
			B74719	245	245.7	0.7	0.011	AGAT_FAICP		
			B74720	245.7	246.25	0.55	0.006	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
246.25	247.33	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	B74721	246.25	247.33	1.08	0.004	AGAT_FAICP		
As desc in 239.3-239.85m										
247.33	272.30	(FGG) Felsic Gneiss Granitic, ()	B74722	247.33	248.1	0.77	0.009	AGAT_FAICP		
		Typical FGG with mm scale musc porphs; varying musc content throughout; overall 3%. No vis sulfs. Reduced prevalence of alteration relative to prev FGG; moderate; patchy; comprising K-Hem with lesser Ser. Competent; reduced prevalence of brittle deformation relative to previous FGG; strongly altered healed brx interval 263.6-264.65m. ~2% veining/PEG: comprises qz-dolomite brx fill and rare cm scale PEG; all at high angle to core axis. Occ <5cm UMD dykes.	B74723	248.1	249	0.9	0.008	AGAT_FAICP		
			B74724	249	250	1	0.063	AGAT_FAICP		
			B74725	250	251	1	0.004	AGAT_FAICP		
			B74727	251	251.78	0.78	0.003	AGAT_FAICP		
			B74728	251.78	252.2	0.42	0.005	AGAT_FAICP		
			B74757	271.1	271.5	0.4	0.006	AGAT_FAICP		
			B74759	271.5	272.3	0.8	0.004	AGAT_FAICP		
			B74750	267	268	1	0.005	AGAT_FAICP		
			B74751	268	269	1	0.006	AGAT_FAICP		
			B74753	269	269.9	0.9	0.003	AGAT_FAICP		
			B74754	269.9	270.4	0.5	0.013	AGAT_FAICP		
			B74755	270.4	270.75	0.35	0.02	AGAT_FAICP		
			B74756	270.75	271.1	0.35	0.007	AGAT_FAICP		
			B74743	262	263	1	0.006	AGAT_FAICP		
			B74744	263	263.6	0.6	0.006	AGAT_FAICP		
			B74745	263.6	264.45	0.85	0.004	AGAT_FAICP		
			B74747	264.45	265	0.55	0.005	AGAT_FAICP		
			B74748	265	266	1	0.005	AGAT_FAICP		
			B74749	266	267	1	0.008	AGAT_FAICP		
			B74736	256.6	257	0.4	0.007	AGAT_FAICP		
			B74737	257	257.75	0.75	0.01	AGAT_FAICP		
			B74739	257.75	258.85	1.1	0.007	AGAT_FAICP		
			B74740	258.85	259.85	1	0.008	AGAT_FAICP		
		B74741	259.85	261	1.15	0.003	AGAT_FAICP			
		B74742	261	262	1	0.004	AGAT_FAICP			
		B74729	252.2	253	0.8	0.008	AGAT_FAICP			
		B74730	253	253.6	0.6	0.007	AGAT_FAICP			
		B74731	253.6	254.6	1	0.006	AGAT_FAICP			
		B74733	254.6	255	0.4	0.013	AGAT_FAICP			
		B74734	255	256	1	0.004	AGAT_FAICP			
		B74735	256	256.6	0.6	0.004	AGAT_FAICP			

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
272.30	272.60	(UMD) UMLAMP Di ke, (LAMPD) UMD - Lamprophyre Dyke	B74760	272.3	272.6	0.3	0.003	AGAT_FAICP		Intensely altered: Ser-Chl. Overall pale tan-green fine grained matrix supporting mm scale subround clasts and fspr porphs. Pervasive pale yellow interstitial alteration. No vis sulfs. Not magnetic.
272.60	278.12	(FGG) Felsic Gneiss Granitic, ()	B74761	272.6	273	0.4	0.005	AGAT_FAICP		Lith as previously described. Varying texture/grain size; overall equigranular except for sparse mm scale musc porphs. Varying biot content; 5-15%; fine; dissem. No vis sulfs. Minor K-Hem-Ser alt; patchy; frac/veinlet halos. Occ late qz-cb veinlets; planar; <1cm; K-Ser halos. Fine network of chaotic healed microfracs; weak Ser-Silic halos.
			B74762	273	274	1	0.005	AGAT_FAICP		
			B74763	274	275	1	0.003	AGAT_FAICP		
			B74764	275	276	1	0.005	AGAT_FAICP		
			B74765	276	277	1	0.002	AGAT_FAICP		
			B74767	277	278.12	1.12	0.003	AGAT_FAICP		
278.12	278.72	(UMD) UMLAMP Di ke, (LAMPD) UMD - Lamprophyre Dyke	B74768	278.12	278.72	0.6	0.003	AGAT_FAICP		As desc in 272.3-272.6m
278.72	279.20	(FGG) Felsic Gneiss Granitic, ()								As desc in 272.6-278.12m
279.20	279.40	(UMD) UMLAMP Di ke, (LAMPD) UMD - Lamprophyre Dyke	B74769	278.72	279.8	1.08	0.004	AGAT_FAICP		As desc in 272.3-272.6m
279.40	280.00	(FGG) Felsic Gneiss Granitic, ()								As described in 272.6-278.12m. Reduced musc relative to prev. Fine grained.
280.00	280.28	(UMD) UMLAMP Di ke, (LAMPD) UMD - Lamprophyre Dyke	B74770	279.8	280.4	0.6	0.003	AGAT_FAICP		As desc in 272.3-272.6m
280.28	280.85	(FGG) Felsic Gneiss Granitic, ()	B74771	280.4	281	0.6	0.002	AGAT_FAICP		As desc in 272.6-278.12m. Elevated alt intensity: moderate K-Hem; pervasive; assoc with increased brittle def. No vis sulfs. No veining.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
280.85	280.94	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke As desc in 272.3-272.6m								
280.94	283.15	(FGG) Felsic Gneiss Granitic, () As desc in 279.4-280m	B74773	281	282	1	0.004	AGAT_FAICP		
			B74774	282	282.3	0.3	0.002	AGAT_FAICP		
			B74775	282.3	283	0.7	0.003	AGAT_FAICP		
283.15	283.42	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke As desc in 272.3-272.6m. Reduced alteration and porphyroclast content relative to proximal UMD.	B74776	283	283.67	0.67	0.002	AGAT_FAICP		
283.42	283.67	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone Equigranular; phaneritic; mm scale xls. Strongly altered: pervasive interstitial K-Hem; proximal to UMD contacts. No vis sulfs. No vis musc. Moderate brittle deformation; healed; competent rock.								
283.67	284.56	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke As desc in 283.15-283.42m. Interval comprises minor enclaves of strongly altered host rock.	B74777	283.67	284.56	0.89	0.004	AGAT_FAICP		
284.56	285.05	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone As desc in 283.42-283.67m.	B74779	284.56	285	0.44	0.002	AGAT_FAICP		
285.05	286.10	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke As desc in 283.67-284.56m.	B74780	285	285.5	0.5	0.002	AGAT_FAICP		
			B74781	285.5	286.1	0.6	0.002	AGAT_FAICP		
286.10	295.30	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone Phaneritic; massive FGS. 15% fine dissem biot poprhs; elongate; alignment imparts weak foliation in dm scale enclaves. No vis sulfs. Localized strong alteration: K-Hem enveloping minor UMD (<5cm); Ser-Silic enclaves assoc with dense colonies of microfracs. No	B74782	286.1	287	0.9	0.021	AGAT_FAICP		
			B74783	287	288	1	0.005	AGAT_FAICP		
			B74784	288	289	1	0.011	AGAT_FAICP		
			B74785	289	290	1	0.005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
significant veining.			B74787	290	291	1	0.003	AGAT_FAICP		
			B74788	291	292	1	0.002	AGAT_FAICP		
			B74789	292	292.5	0.5	0.002	AGAT_FAICP		
			B74790	292.5	293	0.5	0.002	AGAT_FAICP		
			B74791	293	294	1	0.005	AGAT_FAICP		
			B74793	294	294.6	0.6	0.002	AGAT_FAICP		
			B74794	294.6	295.3	0.7	0.003	AGAT_FAICP		
295.30	295.67	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	B74795	295.3	295.67	0.37	0.002	AGAT_FAICP		
As desc in 272.3-272.6m										
295.67	296.16	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone								
As desc in 266.1-295.3m										
296.16	297.03	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	B74796	295.67	296.66	0.99	0.004	AGAT_FAICP		
Fine grained dary grey groundmass hosting 40% Cb-Ser amygdules; amorphous; mm to cm scale. Weakly magnetic. No vis sulfs. No vis alt			B74797	296.66	297.03	0.37	0.002	AGAT_FAICP		
297.03	317.60	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	B74799	297.03	298	0.97	0.003	AGAT_FAICP		
Increased grain size relative to previous FGS/FGG intervals. 15% mm scale fspar porphs; subrnd; dissem. Rare PEG enclaves cm to dm scale <30cm. Sporadic late qz-cb veinlets; planar; discordant; sericitic halos. 15% mm scale dissem biot; alignment imparts weak fol. Occ cm scale discordant bands of K-Ser-Silic alt. Competent rock. No significant strain/deformation. No vis sulfs. Trace localized musc: coarse; euhedral; not significant. Minor pale green altered UMD at 313.9-314.10m			B74800	298	298.6	0.6	0.002	AGAT_FAICP		
			B74801	298.6	299	0.4	0.002	AGAT_FAICP		
			B74802	299	299.32	0.32	0.003	AGAT_FAICP		
			B74803	299.32	300	0.68	0.004	AGAT_FAICP		
			B74804	300	301	1	0.003	AGAT_FAICP		
			B74827	316.5	317.15	0.65	0.007	AGAT_FAICP		
			B74828	317.15	317.6	0.45	0.002	AGAT_FAICP		
			B74820	313	313.75	0.75	0.002	AGAT_FAICP		
			B74821	313.75	314.35	0.6	0.002	AGAT_FAICP		
			B74822	314.35	315	0.65	0.002	AGAT_FAICP		
			B74823	315	315.6	0.6	0.002	AGAT_FAICP		
			B74824	315.6	316	0.4	0.002	AGAT_FAICP		
			B74825	316	316.5	0.5	0.002	AGAT_FAICP		
B74813	307	308	1	0.008	AGAT_FAICP					

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			B74814	308	309	1	0.004	AGAT_FAICP		
			B74815	309	310	1	0.002	AGAT_FAICP		
			B74816	310	311	1	0.006	AGAT_FAICP		
			B74817	311	312	1	0.005	AGAT_FAICP		
			B74819	312	313	1	0.002	AGAT_FAICP		
			B74805	301	302	1	0.006	AGAT_FAICP		
			B74807	302	303	1	0.006	AGAT_FAICP		
			B74808	303	304	1	0.002	AGAT_FAICP		
			B74809	304	305	1	0.004	AGAT_FAICP		
			B74810	305	306	1	0.002	AGAT_FAICP		
			B74811	306	307	1	0.018	AGAT_FAICP		
317.60	318.66	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	B74829	317.6	318	0.4	0.0005	AGAT_FAICP		
		Coarse PEG with abundant frac controlled SER and coarse dissem musc (~5%). No vis sulfs. Minor cm scale enclaves of FGS host. Subhedral cm scale fspr xls.	B74830	318	318.66	0.66	0.0005	AGAT_FAICP		
318.66	327.10	(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS	B74839	323	324	1	0.008	AGAT_FAICP		
		FGS is becoming more coarse downhole. Mostly as described in 297.03-317.6m. 2% veining: <3cm; often tightly folded; phaneritic qz-fspr; no vis sulfs; apparent F1 and F2 folding; unusual steeply plunging axes; axial surfaces upright to verging southward. Occasional cm scale enclaves of healed microfracs with prominent K-Ser-Hem halos. Foliation is weakly to moderately developed; attitude varies significantly; locally exhibits F2 folding. Occ minor cm scale PEGs. No vis sulfs. Siliceous throughout; especially proximal to veins and PEGs.	B74840	324	324.6	0.6	0.003	AGAT_FAICP		
			B74841	324.6	325	0.4	0.002	AGAT_FAICP		
			B74842	325	326	1	0.0005	AGAT_FAICP		
			B74843	326	326.75	0.75	0.0005	AGAT_FAICP		
			B74844	326.75	327.1	0.35	0.003	AGAT_FAICP		
			B74831	318.66	319.45	0.79	0.0005	AGAT_FAICP		
			B74833	319.45	320	0.55	0.002	AGAT_FAICP		
			B74834	320	320.65	0.65	0.003	AGAT_FAICP		
			B74835	320.65	321.45	0.8	0.004	AGAT_FAICP		
			B74836	321.45	322.15	0.7	0.006	AGAT_FAICP		
			B74837	322.15	323	0.85	0.007	AGAT_FAICP		
327.10	328.13	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	B74845	327.1	328.13	1.03	0.003	AGAT_FAICP		
		60% qz; 30% fspr; 10% coarse clotty biot. No vis sulfs. Patchy/selective pink K alt; weak to moderate. Minor local frac controlled Ser. Trace local clotty musc; mm scale.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
328.13	329.27	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone Fine equigranular grey FGS. Minor UMD at 328.8-328.91m. No vis sulfs. Minor very fine dissem biot. No significant alt.	B74847	328.13	329.2	1.07	0.002	AGAT_FAICP		
329.27	329.62	(QV, FGS) Quartz Vein, Felsic Gneiss Sedimentary, (QZV) Quartz Vein Undifferentiated Interval comprising tightly folded qz veining within biot-rich FGS. Veining is qz dominated with lesser white fspr; no vis sulfs; minor coarse clotty biot. FGS is characterized by 20-30% coarse biot; alignment imparts strong foliation. No vis sulfs; no significant alt. Foliation is not deformed. Folding is F1 generation.	B74848	329.2	329.7	0.5	0.001	AGAT_FAICP		
329.62	339.50	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone Interval begins with enclave of coarse biot (30%) and strong foliation; ends at 330.4m. Most of interval is massive; very fine dissem biot (~10%); mostly equigranular. No vis sulfs; no signif alt. Minor fine dissem musc. ~2% veins/PEGs; discordant; barren; cm scale <30cm; coarse clotty musc in PEGs (~2%); quarzose partial melt segment at 333.55-333.80m	B74849	329.7	330.2	0.5	0.0005	AGAT_FAICP		
			B74850	330.2	331	0.8	0.0005	AGAT_FAICP		
			B74851	331	331.4	0.4	0.0005	AGAT_FAICP		
			B74853	331.4	332.5	1.1	0.007	AGAT_FAICP		
			B74854	332.5	333	0.5	0.002	AGAT_FAICP		
			B74855	333	333.55	0.55	0.002	AGAT_FAICP		
			B74863	339	339.5	0.5	0.002	AGAT_FAICP		
			B74856	333.55	334	0.45	0.003	AGAT_FAICP		
			B74857	334	335	1	0.002	AGAT_FAICP		
			B74859	335	336	1	0.0005	AGAT_FAICP		
			B74860	336	337	1	0.0005	AGAT_FAICP		
			B74861	337	338	1	0.0005	AGAT_FAICP		
			B74862	338	339	1	0.0005	AGAT_FAICP		
339.50	339.92	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Dark brown fine grained groundmass hosting combined 20% fine carb and fspr porphs; mm scale <5mm; subround. Strong interstitial carbonate. No vis sulfs. Narrow alteration halo at margins. Strongly magnetic.	B74864	339.5	339.92	0.42	0.001	AGAT_FAICP		
339.92	341.08	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone as desc in 329.62-339.5m. Minor mm scale veining; ~1%; tightly folded; so vis sulfs.	B74865	339.92	341.08	1.16	0.002	AGAT_FAICP		
341.08	341.54	(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGQG								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
) Quartz-rich Granitic Pegmatite (50-90% quartz)	B74867	341.08	341.54	0.46	0.0005	AGAT_FAICP		
		Intercalated cm scale bands of PEG and FGS. PEGs are barren; mottled pink-white; dissem biot; no vis sulfs. FGS is biot-rich (30%) coarse; alignment imparts strong foliation; no vis sulfs. Strong ductile deformation is evident.								
341.54	342.90	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	B74868	341.54	342.2	0.66	0.001	AGAT_FAICP		
		FGS as prev desc. Characterized by 10% qz-fspr veining; present as dm scale enclaves of 1cm pegmatitic veins intercalated with FGS host. Veins are tightly folded; strong ductile deformation; coarse subhedral fspr; no vis sulfs. Groundmass exhibits minor mm scale fspr porphs. Siliceous throughout.	B74869	342.2	342.9	0.7	0.0005	AGAT_FAICP		
342.90	344.45	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	B74870	342.9	343.55	0.65	0.002	AGAT_FAICP		
		As desc in 339.5-339.92m	B74871	343.55	344.45	0.9	0.002	AGAT_FAICP		
344.45	347.35	(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS	B74873	344.45	345	0.55	0.0005	AGAT_FAICP		
		Distinguished from proximal FGS units by drastic increase in grain size and porph texture. 20% mm scale fspr porphs; <1cm; subround; dissem. 25% coarse dissem biot; alignment imparts moderate to strong fol. Rare coarse musc porphs; <5mm. No vis sulfs; no signif alt. Abundant healed microfracs and veinlets; chaotic; minor Ser halos. Rare cm scale qz-fspr veins; concordant; barren; <5cm.	B74874	345	346	1	0.0005	AGAT_FAICP		
			B74875	346	346.6	0.6	0.0005	AGAT_FAICP		
			B74876	346.6	347.35	0.75	0.001	AGAT_FAICP		
347.35	348.10	(QV, FGS) Quartz Vein, Felsic Gneiss Sedimentary, (QZV) Quartz Vein Undifferentiated	B74877	347.35	348.1	0.75	0.011	AGAT_FAICP		
		Strong ductile deformation. Qz-fspr veins are strongly deformed; well preserved F1 and F2 folding. Veins are barren; qz dominated; minor diffuse K-Epid alt; 3% coarse musc porphs. FGS is characterized by 30% coarse biot; alignment imparts strong foliation; foliation is clearly folded. Interval hosts no visible sulfs. Siliceous throughout.								
348.10	349.00	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	B74879	348.1	348.6	0.5	0.005	AGAT_FAICP		
		Fine equigranular FGS. 10-15% fine dissem biot; alignment imparts weak foliation; gentle folding of foliation is visible. No vis sulfs or alt. No vis musc. *****	B74880	348.6	349.3	0.7	0.002	AGAT_FAICP		
349.00	351.35	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	B74881	349.3	350	0.7	0.019	AGAT_FAICP		
		Nearly aphanitic siliceous groundmass. No discernable foliation. Occ dm scale PEGs; strongly deformed. No vis sulfs. Minor very fine dissem biot; becomes more coarse and	B74882	350	350.5	0.5	0.004	AGAT_FAICP		
			B74883	350.5	351.35	0.85	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
more prevalent proximal to lower contact.										
351.35	351.90	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	B74884	351.35	352.1	0.75	0.001	AGAT_FAICP		
Qz dominated with ~30% fspr. ~20% dissem biot. 5% musc present as wispy hyphae and coarse clots; mm scale. Apparent strong ductile deformation as evidenced by coarse folded foliation within interval. No vis sulfs. Moderate to strong alteration: pink K-Hem-Ser assemblage.										
351.90	353.90	(FGS, QV) Felsic Gneiss Sedimentary, Quartz Vein, (FGSMU) Muscovite-rich FGS	B74885	352.1	353	0.9	0.001	AGAT_FAICP		
Fine grained FGS exhibiting strong ductile deformation as evidenced by tightly folded qz veins (<2cm true thickness). 15% dissem biot; alignment imparts foliation; foliation is folded likewise with veins. 3% coarse dissem musc. No vis sulfs. No signif alt. Well preserved F1 and F2 folds.										
353.90	355.97	(DIA) Diabase Dike, ()	B74888	353.9	354.6	0.7	0.0005	AGAT_FAICP		
Very fine; equigranular. Strongly magnetic. No vis sulfs. Minor fault near upper contact; assoc slickenfeatures indicate oblique dextral thrust movement.										
			B74889	354.6	355.2	0.6	0.0005	AGAT_FAICP		
			B74890	355.2	355.97	0.77	0.0005	AGAT_FAICP		
355.97	356.25	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke								
Fine brown groundmass hosting 40% fine dissem plag porphs; subround. No vis sulfs. No carbonate. Cuts DIA dyke.										
356.25	356.90	(DIA) Diabase Dike, ()	B74891	355.97	356.55	0.58	0.001	AGAT_FAICP		
As previous. Becomes intensely altered downhole: Px-K-Hem assemblage; pervasive. No vis sulfs.										
			B74893	356.55	357	0.45	0.0005	AGAT_FAICP		
356.90	357.83	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	B74894	357	357.83	0.83	0.001	AGAT_FAICP		
Intensely altered UMD. Pale green; fine grained. Ser-Chl-K assemblage. No vis sulfs.										
357.83	369.00	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	B74895	357.83	358.4	0.57	0.002	AGAT_FAICP		
Fine; equigranular. Occ dm scale PEGs; ~3% overall abundance. Poor foliation development; attitude varies significantly. Biot and foliaiton become more prominent 366m to EOH. No vis sulfs. No significant alteration. Occ dm scale porphyritic enclaves (360.35-361m										
			B74896	358.4	359	0.6	0.0005	AGAT_FAICP		
			B74897	359	360	1	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		and 367.5-368.5m); 15% mm scale qz/fspr porphs; assoc with local increased biot grain size and foliation development. EOH = 369m	B74899	360	361	1	0.008	AGAT_FAICP		
			B74900	361	362	1	0.001	AGAT_FAICP		
			B74901	362	363	1	0.001	AGAT_FAICP		
			B74909	367.85	368.33	0.48	0.002	AGAT_FAICP		
			B74910	368.33	369	0.67	0.002	AGAT_FAICP		
			B74902	363	364	1	0.0005	AGAT_FAICP		
			B74903	364	365	1	0.001	AGAT_FAICP		
			B74904	365	366	1	0.001	AGAT_FAICP		
			B74905	366	366.35	0.35	0.0005	AGAT_FAICP		
			B74907	366.35	367	0.65	0.002	AGAT_FAICP		
			B74908	367	367.85	0.85	0.001	AGAT_FAICP		

Hole ID : RD19-00022

Project : Borden

Drilling Details :

Azimuth : 173
 Dip : -46
 Length : 351
 Drill Start : 29-Aug-2019
 Drill Completed : 2-Sep-2019
 Core Size : NQ
 Drill Company : Major
 Oriented Core : No

Location Details :

Easting : 340590
 Northing : 5303315
 Elevation : 421
 UTM Grid : NAD83_UTMZ17N_GPS
 Township : Borden
 Storage Location : Chapleau Ont

Logging Details :

Logged By : Colt.Meyer
 Logged By 2 :
 Log Start : 1-Sep-2019
 Log Completed : 6-Sep-2019
 Re-Logged By :
 Re-Log Start :
 Re-Log Completed :

Comments :

Multishot survey at EOH; Water limit: 25m³ per shift; Hex stabilization; Noise mitigation not required; Oriented core 0 m to EOH; sump overflow addressed and no other issues; alternating regional FGS and amphibolite stratigraphy; one large diabase dyke intersected from 82.56 m to 131.67 m depth; no mineralization throughout hole but moderate silicification in places; intermittent lamprophyre and diabase dykes crosscutting units. GPS coordinates updated using waypoint averaging in Garmin hand-held unit.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	3.00	(OB) Overburden, ()								
casing to 3 metres; small oxidized cobbles and pebbles										
3.00	10.92	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	C67344	3	4	1	0.005	AGAT_FAICP		
medium to coarse-grained dark grey FGS with minor muscovite that ranges from thinly-foliated to coarser watery silicified section with blotchy quartz; quartzose to quartzofeldspathic melt veinlets and intermittent quartz-carbonate stringers with potassic and sericitic alteration envelopes										
			C67345	4	4.7	0.7	0.008	AGAT_FAICP		
			C67347	4.7	5	0.3	0.003	AGAT_FAICP		
			C67348	5	6	1	0.001	AGAT_FAICP		
			C67349	6	7	1	0.002	AGAT_FAICP		
			C67350	7	8	1	0.006	AGAT_FAICP		
			C67351	8	9.5	1.5	0.002	AGAT_FAICP		
			C67353	9.5	10.5	1	0.002	AGAT_FAICP		
			C67354	10.5	10.92	0.42	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
10.92	18.71	(FGG) Felsic Gneiss Granitic, ()	C67355	10.92	11.52	0.6	0.001	AGAT_FAICP		
		medium to coarse-grained dark grey quartzofeldspathic groundmass with varying degrees of silicification along with patches of muscovite and sillimanite throughout; quartz-carbonate veinlets with potassic and sericitic alteration envelopes and a small quartz vein near lower contact	C67356	11.52	11.82	0.3	0.001	AGAT_FAICP		
			C67357	11.82	12.2	0.38	0.002	AGAT_FAICP		
			C67359	12.2	12.7	0.5	0.001	AGAT_FAICP		
			C67360	12.7	13.1	0.4	0.001	AGAT_FAICP		
			C67361	13.1	14	0.9	0.001	AGAT_FAICP		
			C67362	14	15	1	0.032	AGAT_FAICP		
			C67363	15	16	1	0.001	AGAT_FAICP		
			C67364	16	17	1	0.001	AGAT_FAICP		
			C67365	17	18	1	0.011	AGAT_FAICP		
			C67367	18	18.41	0.41	0.028	AGAT_FAICP		
			C67368	18.41	18.71	0.3	0.18	AGAT_FAICP		
18.71	24.07	(GBFG) Garnet Biotite Felsic Gneiss, ()	C67369	18.71	20	1.29	0.017	AGAT_FAICP		
		medium-grained grey moderately to strongly foliated quartzofeldspathic groundmass with disseminated muscovite and biotite; patches of siliceous melt and intermittent quartz-carbonate stringers boasting potassic or sericitic alteration envelopes	C67370	20	21	1	0.002	AGAT_FAICP		
			C67371	21	21.4	0.4	0.001	AGAT_FAICP		
			C67373	21.4	22	0.6	0.002	AGAT_FAICP		
			C67374	22	23	1	0.003	AGAT_FAICP		
			C67375	23	24.07	1.07	0.001	AGAT_FAICP		
24.07	30.20	(FGG) Felsic Gneiss Granitic, ()	C67376	24.07	25	0.93	0.002	AGAT_FAICP		
		medium to coarse-grained grey siliceous FGG composed of quartzofeldspathic groundmass with disseminated to banded biotite and muscovite throughout; intermittent quartz-carbonate veinlets with potassic and sericitic alteration envelopes	C67377	25	26	1	0.002	AGAT_FAICP		
			C67379	26	26.78	0.78	0.004	AGAT_FAICP		
			C67380	26.78	27.15	0.37	0.003	AGAT_FAICP		
			C67381	27.15	28	0.85	0.001	AGAT_FAICP		
			C67382	28	29.1	1.1	0.001	AGAT_FAICP		
			C67383	29.1	30.2	1.1	0.001	AGAT_FAICP		
30.20	33.06	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	C67384	30.2	31	0.8	0.002	AGAT_FAICP		
		separated from previous unit by decrease in muscovite content; dark grey siliceous quartzofeldspathic groundmass with bands of disseminated biotite and minor patchy muscovite; intermittent sericitic alteration envelopes on quartz-carbonate veinlets	C67385	31	32	1	0.082	AGAT_FAICP		
			C67387	32	33.06	1.06	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
33.06	42.81	(FGG) Felsic Gneiss Granitic, ()	C67388	33.06	34	0.94	0.003	AGAT_FAICP		
		fine to medium-grained dark grey quartzofeldspathic unit with biotite and muscovite wrapped along foliation; melt textures including grain coarsening as well as abundant altered quartz-carbonate stringers and one or two patches of quartz vein wallrock rip-up	C67389	34	35	1	0.001	AGAT_FAICP		
			C67390	35	36.5	1.5	0.001	AGAT_FAICP		
			C67391	36.5	37	0.5	0.006	AGAT_FAICP		
			C67393	37	37.7	0.7	0.005	AGAT_FAICP		
			C67394	37.7	38	0.3	0.004	AGAT_FAICP		
			C67395	38	39.2	1.2	0.009	AGAT_FAICP		
			C67396	39.2	39.7	0.5	0.013	AGAT_FAICP		
			C67397	39.7	40.75	1.05	0.016	AGAT_FAICP		
			C67399	40.75	41.05	0.3	0.018	AGAT_FAICP		
			C67400	41.05	41.6	0.55	0.017	AGAT_FAICP		
			C67401	41.6	42.81	1.21	0.003	AGAT_FAICP		
42.81	61.56	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	C67402	42.81	43.24	0.43	0.003	AGAT_FAICP		
		fine to coarse-grained dark grey primarily quartz-porphyrific quartz-feldspar-biotite unit with abundant potassic-sericitic enveloped quartz-carbonate veinlets; one crosscutting granitic pegmatite and numerous lamprophyre dykes with contacts provided in point structures tab; some small patches of core grind and loss	C67403	43.24	44	0.76	0.002	AGAT_FAICP		
			C67404	44	44.43	0.43	0.006	AGAT_FAICP		
			C67405	44.43	45	0.57	0.004	AGAT_FAICP		
			C67407	45	46	1	0.021	AGAT_FAICP		
			C67408	46	46.3	0.3	0.015	AGAT_FAICP		
			C67423	57.5	58	0.5	0.007	AGAT_FAICP		
			C67424	58	59	1	0.023	AGAT_FAICP		
			C67425	59	60	1	0.032	AGAT_FAICP		
			C67427	60	61	1	0.009	AGAT_FAICP		
			C67428	61	61.56	0.56	0.002	AGAT_FAICP		
			C67416	52	52.3	0.3	0.004	AGAT_FAICP		
			C67417	52.3	53	0.7	0.005	AGAT_FAICP		
			C67419	53	54	1	0.015	AGAT_FAICP		
			C67420	54	55	1	0.005	AGAT_FAICP		
			C67421	55	56.5	1.5	0.014	AGAT_FAICP		
			C67422	56.5	57.5	1	0.003	AGAT_FAICP		
			C67409	46.3	46.94	0.64	0.004	AGAT_FAICP		
			C67410	46.94	48	1.06	0.021	AGAT_FAICP		
			C67411	48	49	1	0.015	AGAT_FAICP		
			C67413	49	50	1	0.006	AGAT_FAICP		
			C67414	50	51	1	0.006	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C67415	51	52	1	0.004	AGAT_FAICP		
61.56	63.51	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	C67429	61.56	62.5	0.94	0.002	AGAT_FAICP		
		fine to medium-grained grey and black intrusive carbonate-phenocrystic massive lamprophyre dyke with greenish chlorite-sericite altered contacts	C67430	62.5	63.51	1.01	0.002	AGAT_FAICP		
63.51	66.04	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	C67431	63.51	64	0.49	0.002	AGAT_FAICP		
		medium-grained grey massive to tracely foliated quartz-feldspar-biotite unit with intermittent quartz-carbonate veinlets hosting sericitic and potassic alteration envelopes	C67433	64	65	1	0.005	AGAT_FAICP		
			C67434	65	66.04	1.04	0.005	AGAT_FAICP		
66.04	66.63	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	C67435	66.04	66.63	0.59	0.002	AGAT_FAICP		
		very fine to fine-grained green and yellow strongly-altered intrusive massive lamprophyre dyke with knife-sharp undulating contacts; essentially two smaller dykes split by small band of FGS wallrock but why dwell on the details am I right								
66.63	82.56	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	C67436	66.63	68	1.37	0.004	AGAT_FAICP		
		medium to coarse-grained grey moderately to strongly foliated quartz-feldspar-biotite unit with abundant quartz-carbonate stringers boasting potassic and sericitic alteration envelopes; quartzose to quartzofeldspathic melt bands in places as well as background potassic alteration in groundmass; banding defined by alignment of biotite segregated along foliation	C67437	68	69	1	0.014	AGAT_FAICP		
			C67439	69	70	1	0.006	AGAT_FAICP		
			C67440	70	71	1	0.002	AGAT_FAICP		
			C67441	71	72.15	1.15	0.002	AGAT_FAICP		
			C67442	72.15	72.9	0.75	0.001	AGAT_FAICP		
			C67450	78	79	1	0.002	AGAT_FAICP		
			C67451	79	80	1	0.004	AGAT_FAICP		
			C67453	80	81	1	0.001	AGAT_FAICP		
			C67454	81	82.2	1.2	0.015	AGAT_FAICP		
			C67455	82.2	82.56	0.36	0.005	AGAT_FAICP		
			C67443	72.9	74	1.1	0.002	AGAT_FAICP		
			C67444	74	75	1	0.0005	AGAT_FAICP		
			C67445	75	76	1	0.002	AGAT_FAICP		
			C67447	76	76.8	0.8	0.016	AGAT_FAICP		
			C67448	76.8	77.1	0.3	0.162	AGAT_FAICP		
			C67449	77.1	78	0.9	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
82.56	131.67	(DIA) Diabase Dike, ()	C67456	82.56	83.1	0.54	0.002	AGAT_FAICP		
Great success!! Is not a da gold zone but is niceee										
			C67457	83.1	84.5	1.4	0.003	AGAT_FAICP		
			C67459	84.5	86	1.5	0.001	AGAT_FAICP		
			C67460	86	87.5	1.5	0.002	AGAT_FAICP		
			C67461	87.5	89	1.5	0.005	AGAT_FAICP		
			C67462	89	90.5	1.5	0.002	AGAT_FAICP		
			C67499	124	125	1	0.025	AGAT_FAICP		
			C67500	125	126	1	0.009	AGAT_FAICP		
			C67501	126	127.5	1.5	0.008	AGAT_FAICP		
			C67502	127.5	129	1.5	0.01	AGAT_FAICP		
			C67503	129	130.5	1.5	0.013	AGAT_FAICP		
			C67504	130.5	131.67	1.17	0.014	AGAT_FAICP		
			C67491	117.5	119	1.5	0.017	AGAT_FAICP		
			C67493	119	120	1	0.01	AGAT_FAICP		
			C67494	120	121.2	1.2	0.007	AGAT_FAICP		
			C67495	121.2	121.56	0.36	0.013	AGAT_FAICP		
			C67496	121.56	123	1.44	0.011	AGAT_FAICP		
			C67497	123	124	1	0.012	AGAT_FAICP		
			C67484	111	112.5	1.5	0.002	AGAT_FAICP		
			C67485	112.5	113.25	0.75	0.002	AGAT_FAICP		
			C67487	113.25	113.71	0.46	0.001	AGAT_FAICP		
			C67488	113.71	115.1	1.39	0.009	AGAT_FAICP		
			C67489	115.1	116	0.9	0.017	AGAT_FAICP		
			C67490	116	117.5	1.5	0.02	AGAT_FAICP		
			C67477	102	103.5	1.5	0.001	AGAT_FAICP		
			C67479	103.5	105	1.5	0.003	AGAT_FAICP		
			C67480	105	106.5	1.5	0.002	AGAT_FAICP		
			C67481	106.5	108	1.5	0.001	AGAT_FAICP		
			C67482	108	109.5	1.5	0.001	AGAT_FAICP		
			C67483	109.5	111	1.5	0.0005	AGAT_FAICP		
			C67470	98	99.48	1.48	0.001	AGAT_FAICP		
			C67471	99.48	99.9	0.42	0.002	AGAT_FAICP		
			C67473	99.9	100.28	0.38	0.001	AGAT_FAICP		
			C67474	100.28	100.58	0.3	0.002	AGAT_FAICP		
			C67475	100.58	100.88	0.3	0.002	AGAT_FAICP		
			C67476	100.88	102	1.12	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C67463	90.5	91	0.5	0.001	AGAT_FAICP		
			C67464	91	92	1	0.003	AGAT_FAICP		
			C67465	92	93.5	1.5	0.003	AGAT_FAICP		
			C67467	93.5	95	1.5	0.002	AGAT_FAICP		
			C67468	95	96.5	1.5	0.001	AGAT_FAICP		
			C67469	96.5	98	1.5	0.001	AGAT_FAICP		
131.67	136.79	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	C67505	131.67	132.5	0.83	0.009	AGAT_FAICP		
		fine to medium-grained green and grey intermediate amphibolite with weak to moderate foliation and pervasive potassic alteration towards lower contact; intermittent quartz-carbonate veinlets with potassic and sericitic alteration envelopes	C67507	132.5	133.5	1	0.009	AGAT_FAICP		
			C67508	133.5	134	0.5	0.007	AGAT_FAICP		
			C67509	134	135	1	0.007	AGAT_FAICP		
			C67510	135	136	1	0.005	AGAT_FAICP		
			C67511	136	136.79	0.79	0.001	AGAT_FAICP		
136.79	146.64	(GBFG) Garnet Biotite Felsic Gneiss, ()	C67513	136.79	137.24	0.45	0.01	AGAT_FAICP		
		coarse to very coarse-grained strongly-foliated quartz-feldspar-biotite unit with upper section of pervasive granitic pegmatite bands and section from 144.4 m down of very dark grey fine-grained strongly-silicified GBFG where most biotite has been overprinted by intense chlorite-sericite alteration in muddy greenish-beige bands; a couple tight F1 folds disturbed by pegmatite at 137 m	C67514	137.24	137.6	0.36	0.007	AGAT_FAICP		
			C67515	137.6	138	0.4	0.008	AGAT_FAICP		
			C67516	138	139	1	0.01	AGAT_FAICP		
			C67517	139	140	1	0.006	AGAT_FAICP		
			C67519	140	140.5	0.5	0.012	AGAT_FAICP		
			C67527	145	146	1	0.011	AGAT_FAICP		
			C67528	146	146.64	0.64	0.008	AGAT_FAICP		
			C67520	140.5	141	0.5	0.008	AGAT_FAICP		
			C67521	141	141.97	0.97	0.008	AGAT_FAICP		
			C67522	141.97	143	1.03	0.009	AGAT_FAICP		
			C67523	143	144	1	0.006	AGAT_FAICP		
			C67524	144	144.3	0.3	0.005	AGAT_FAICP		
			C67525	144.3	145	0.7	0.013	AGAT_FAICP		
146.64	172.27	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	C67529	146.64	148	1.36	0.006	AGAT_FAICP		
		fine to medium-grained moderately-foliated quartz-feldspar-biotite unit with upper section of intense chlorite-sericite alteration followed by dark grey foliated FGS that alternates with strongly-banded sections of blotchy pink quartzofeldspathic melt patches and bands; occasional pegmatites broken out in relevant tabs and potassic-sericitic alteration haloes on	C67530	148	149	1	0.008	AGAT_FAICP		
			C67531	149	150.3	1.3	0.006	AGAT_FAICP		
			C67533	150.3	150.9	0.6	0.007	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
quartz-carbonate stringers			C67534	150.9	151.8	0.9	0.01	AGAT_FAICP		
			C67535	151.8	152.44	0.64	0.007	AGAT_FAICP		
			C67557	168	169	1	0.012	AGAT_FAICP		
			C67559	169	170	1	0.01	AGAT_FAICP		
			C67560	170	171.4	1.4	0.003	AGAT_FAICP		
			C67561	171.4	171.7	0.3	0.004	AGAT_FAICP		
			C67562	171.7	172.27	0.57	0.004	AGAT_FAICP		
			C67550	163.2	164.5	1.3	0.007	AGAT_FAICP		
			C67551	164.5	165	0.5	0.009	AGAT_FAICP		
			C67553	165	166	1	0.011	AGAT_FAICP		
			C67554	166	166.7	0.7	0.006	AGAT_FAICP		
			C67555	166.7	167.1	0.4	0.009	AGAT_FAICP		
			C67556	167.1	168	0.9	0.011	AGAT_FAICP		
			C67543	158	158.45	0.45	0.008	AGAT_FAICP		
			C67544	158.45	159.26	0.81	0.007	AGAT_FAICP		
			C67545	159.26	160	0.74	0.016	AGAT_FAICP		
			C67547	160	161	1	0.007	AGAT_FAICP		
			C67548	161	162.2	1.2	0.012	AGAT_FAICP		
			C67549	162.2	163.2	1	0.009	AGAT_FAICP		
			C67536	152.44	152.85	0.41	0.009	AGAT_FAICP		
			C67537	152.85	154	1.15	0.012	AGAT_FAICP		
			C67539	154	154.65	0.65	0.011	AGAT_FAICP		
			C67540	154.65	156	1.35	0.007	AGAT_FAICP		
			C67541	156	157	1	0.006	AGAT_FAICP		
			C67542	157	158	1	0.006	AGAT_FAICP		
172.27	173.42	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	C67563	172.27	173.42	1.15	0.002	AGAT_FAICP		
		grey and black very fine to fine-grained intrusive lamprophyre dyke with sharp greenish chlorite-sericite altered contacts and carbonate phenocrysts dispersed sparsely throughout								
173.42	191.74	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	C67564	173.42	174.4	0.98	0.003	AGAT_FAICP		
		fine to medium-grained dark grey quartz-feldspar-biotite unit with massive sections and weakly to moderately-foliated sections; common quartz-carbonate veinlets with strong potassic and sericitic alteration envelopes indicative of proximity to late fault zone; several crosscutting granitic pegmatites broken out in veining and point structure tabs	C67565	174.4	174.7	0.3	0.005	AGAT_FAICP		
			C67567	174.7	175	0.3	0.003	AGAT_FAICP		
			C67568	175	175.8	0.8	0.004	AGAT_FAICP		
			C67569	175.8	176.26	0.46	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C67570	176.26	176.9	0.64	0.003	AGAT_FAICP		
			C67585	188.4	189.4	1	0.002	AGAT_FAICP		
			C67587	189.4	190	0.6	0.008	AGAT_FAICP		
			C67588	190	191	1	0.002	AGAT_FAICP		
			C67589	191	191.74	0.74	0.002	AGAT_FAICP		
			C67579	182.78	183.2	0.42	0.002	AGAT_FAICP		
			C67580	183.2	184	0.8	0.003	AGAT_FAICP		
			C67581	184	185	1	0.003	AGAT_FAICP		
			C67582	185	186.5	1.5	0.008	AGAT_FAICP		
			C67583	186.5	187.7	1.2	0.008	AGAT_FAICP		
			C67584	187.7	188.4	0.7	0.003	AGAT_FAICP		
			C67571	176.9	177.4	0.5	0.001	AGAT_FAICP		
			C67573	177.4	178.3	0.9	0.005	AGAT_FAICP		
			C67574	178.3	179	0.7	0.002	AGAT_FAICP		
			C67575	179	180.5	1.5	0.003	AGAT_FAICP		
			C67576	180.5	182	1.5	0.002	AGAT_FAICP		
			C67577	182	182.78	0.78	0.003	AGAT_FAICP		
191.74	192.89	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	C67590	191.74	192.89	1.15	0.001	AGAT_FAICP		
		very coarse-grained pink and grey intrusive granitic pegmatite with groundmass composed of equigranular quartz and feldspar; unit proximal to fault zone indicated by intense potassic-sericitic alteration along with small greenish breccia bands and abundant quartz-carbonate stringers								
192.89	223.72	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	C67591	192.89	193.36	0.47	0.003	AGAT_FAICP		
		variably silicified quartz-feldspar-biotite groundmass with upper section near contact containing a few small greenish fault breccia zones with contacts broken out in relevant tab; abundant quartz-carbonate stringers in upper section and intense potassic-sericitic alteration indicative of proximal fault zone while lower section defined by abundant crosscutting granitic pegmatites and tightly folded quartzofeldspathic melt bands	C67593	193.36	193.8	0.44	0.002	AGAT_FAICP		
			C67594	193.8	195	1.2	0.002	AGAT_FAICP		
			C67595	195	196.3	1.3	0.006	AGAT_FAICP		
			C67596	196.3	196.9	0.6	0.004	AGAT_FAICP		
			C67597	196.9	197.2	0.3	0.002	AGAT_FAICP		
			C67634	222.79	223.72	0.93	0.002	AGAT_FAICP		
			C67627	219.2	220	0.8	0.002	AGAT_FAICP		
			C67628	220	221.5	1.5	0.002	AGAT_FAICP		
			C67629	221.5	221.85	0.35	0.003	AGAT_FAICP		
			C67630	221.85	222.15	0.3	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C67631	222.15	222.47	0.32	0.002	AGAT_FAICP		
			C67633	222.47	222.79	0.32	0.002	AGAT_FAICP		
			C67620	214.86	215.34	0.48	0.003	AGAT_FAICP		
			C67621	215.34	215.64	0.3	0.134	AGAT_FAICP		
			C67622	215.64	217	1.36	0.002	AGAT_FAICP		
			C67623	217	217.3	0.3	0.004	AGAT_FAICP		
			C67624	217.3	218.8	1.5	0.002	AGAT_FAICP		
			C67625	218.8	219.2	0.4	0.001	AGAT_FAICP		
			C67613	211.5	212.06	0.56	0.002	AGAT_FAICP		
			C67614	212.06	212.48	0.42	0.003	AGAT_FAICP		
			C67615	212.48	212.93	0.45	0.003	AGAT_FAICP		
			C67616	212.93	213.6	0.67	0.003	AGAT_FAICP		
			C67617	213.6	214.15	0.55	0.004	AGAT_FAICP		
			C67619	214.15	214.86	0.71	0.002	AGAT_FAICP		
			C67605	204	205.5	1.5	0.003	AGAT_FAICP		
			C67607	205.5	206.5	1	0.003	AGAT_FAICP		
			C67608	206.5	208	1.5	0.002	AGAT_FAICP		
			C67609	208	209.5	1.5	0.002	AGAT_FAICP		
			C67610	209.5	210.5	1	0.002	AGAT_FAICP		
			C67611	210.5	211.5	1	0.001	AGAT_FAICP		
			C67599	197.2	198.5	1.3	0.005	AGAT_FAICP		
			C67600	198.5	200	1.5	0.001	AGAT_FAICP		
			C67601	200	201	1	0.002	AGAT_FAICP		
			C67602	201	202	1	0.002	AGAT_FAICP		
			C67603	202	203	1	0.002	AGAT_FAICP		
			C67604	203	204	1	0.002	AGAT_FAICP		
223.72	225.62	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	C67635	223.72	224.42	0.7	0.002	AGAT_FAICP		
		fine-grained light grey quartz-feldspar-biotite melt with strong banding defined by biotite alignment in thin wavy bands between quartzofeldspathic groundmass; coarse sparse clumps of amphibole are scattered throughout and outlined by dispersion of biotite to leave soft haloes of light quartz around them; one granitic pegmatite cuts unit and a few quartz-carbonate haloes with potassic-sericitic alteration envelopes	C67636	224.42	224.74	0.32	0.006	AGAT_FAICP		
			C67637	224.74	225.62	0.88	0.0005	AGAT_FAICP		
225.62	261.60	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	C67639	225.62	227	1.38	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
fine to medium-grained grey quartz-feldspar-biotite unit with intermittent quartzofeldspathic melt bands and crosscutting granitic pegmatites broken out in point structure and veining tabs; several quartz-feldspar veins are tight to isoclinally folded and in some cases F2 folds can be seen as well; interesting fold interference patterns near 235 m depth; slight variations in grain size and small patches of low-temperature melt features throughout unit; one thin pegmatite band has very coarse magnetite within; one small diabase dykelet broken out in point structures tab			C67640	227	228	1	0.002	AGAT_FAICP		
			C67641	228	229	1	0.001	AGAT_FAICP		
			C67642	229	229.7	0.7	0.004	AGAT_FAICP		
			C67643	229.7	230	0.3	0.106	AGAT_FAICP		
			C67644	230	231.5	1.5	0.002	AGAT_FAICP		
			C67688	261	261.6	0.6	0.008	AGAT_FAICP		
			C67681	255	256	1	0.003	AGAT_FAICP		
			C67682	256	257	1	0.003	AGAT_FAICP		
			C67683	257	258.5	1.5	0.066	AGAT_FAICP		
			C67684	258.5	258.8	0.3	0.021	AGAT_FAICP		
			C67685	258.8	260	1.2	0.033	AGAT_FAICP		
			C67687	260	261	1	0.014	AGAT_FAICP		
			C67674	249.3	250	0.7	0.02	AGAT_FAICP		
			C67675	250	251	1	0.009	AGAT_FAICP		
			C67676	251	252.5	1.5	0.011	AGAT_FAICP		
			C67677	252.5	253	0.5	0.006	AGAT_FAICP		
			C67679	253	254	1	0.003	AGAT_FAICP		
			C67680	254	255	1	0.002	AGAT_FAICP		
			C67667	245.3	245.6	0.3	0.002	AGAT_FAICP		
			C67668	245.6	246.5	0.9	0.004	AGAT_FAICP		
			C67669	246.5	247.17	0.67	0.002	AGAT_FAICP		
			C67670	247.17	247.65	0.48	0.016	AGAT_FAICP		
			C67671	247.65	249	1.35	0.005	AGAT_FAICP		
			C67673	249	249.3	0.3	0.008	AGAT_FAICP		
			C67660	239	240.5	1.5	0.001	AGAT_FAICP		
			C67661	240.5	241	0.5	0.003	AGAT_FAICP		
			C67662	241	242	1	0.005	AGAT_FAICP		
			C67663	242	243.2	1.2	0.002	AGAT_FAICP		
			C67664	243.2	244.5	1.3	0.004	AGAT_FAICP		
			C67665	244.5	245.3	0.8	0.004	AGAT_FAICP		
			C67653	234.66	235.16	0.5	0.004	AGAT_FAICP		
		C67654	235.16	236.05	0.89	0.068	AGAT_FAICP			
		C67655	236.05	236.35	0.3	0.002	AGAT_FAICP			
		C67656	236.35	237.5	1.15	0.005	AGAT_FAICP			
		C67657	237.5	238.6	1.1	0.007	AGAT_FAICP			
		C67659	238.6	239	0.4	0.002	AGAT_FAICP			

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C67645	231.5	231.8	0.3	0.001	AGAT_FAICP		
			C67647	231.8	232.17	0.37	0.001	AGAT_FAICP		
			C67648	232.17	232.71	0.54	0.014	AGAT_FAICP		
			C67649	232.71	233.5	0.79	0.0005	AGAT_FAICP		
			C67650	233.5	234	0.5	0.001	AGAT_FAICP		
			C67651	234	234.66	0.66	0.003	AGAT_FAICP		
261.60	262.07	(DIA) Diabase Dike, ()	C67689	261.6	262.07	0.47	0.002	AGAT_FAICP		
		very fine-grained massive black intrusive diabase dyke with knife-sharp quenched upper contact and sharp sericitized lower contact; patch of whitish grey carbonate phenocrysts within								
262.07	274.33	(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	C67690	262.07	263	0.93	0.001	AGAT_FAICP		
		grey foliated quartz-feldspar-biotite unit disrupted by abundant and common intrusive granitic pegmatite	C67691	263	264.2	1.2	0.003	AGAT_FAICP		
			C67693	264.2	265.1	0.9	0.002	AGAT_FAICP		
			C67694	265.1	265.5	0.4	0.002	AGAT_FAICP		
			C67695	265.5	266.23	0.73	0.002	AGAT_FAICP		
			C67696	266.23	267	0.77	0.002	AGAT_FAICP		
			C67704	271.29	272.53	1.24	0.001	AGAT_FAICP		
			C67705	272.53	273.5	0.97	0.016	AGAT_FAICP		
			C67707	273.5	274.33	0.83	0.009	AGAT_FAICP		
			C67697	267	267.6	0.6	0.001	AGAT_FAICP		
			C67699	267.6	268	0.4	0.002	AGAT_FAICP		
			C67700	268	268.5	0.5	0.001	AGAT_FAICP		
			C67701	268.5	268.89	0.39	0.002	AGAT_FAICP		
			C67702	268.89	270.24	1.35	0.001	AGAT_FAICP		
			C67703	270.24	271.29	1.05	0.006	AGAT_FAICP		
274.33	274.97	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	C67708	274.33	274.97	0.64	0.003	AGAT_FAICP		
		very fine to fine-grained grey and black massive carbonate-phenocrystic intrusive lamprophyre dyke with sharp contacts boasting wide sericitized-chloritized contacts								
274.97	280.44	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	C67709	274.97	276	1.03	0.003	AGAT_FAICP		
		fine to medium-grained dark grey quartz-feldspar-biotite unit with trace foliation; intermittent	C67710	276	276.4	0.4	0.005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments	
granitic pegmatite bands cross unit most of which possess conformable contacts and limited deformation; weak potassic and sericitic envelopes on quartz-carbonate veinlets			C67711	276.4	276.7	0.3	0.006	AGAT_FAICP			
			C67713	276.7	277	0.3	0.004	AGAT_FAICP			
			C67714	277	277.6	0.6	0.005	AGAT_FAICP			
			C67715	277.6	279	1.4	0.003	AGAT_FAICP			
			C67716	279	280	1	0.001	AGAT_FAICP			
			C67717	280	280.44	0.44	0.001	AGAT_FAICP			
	280.44	292.78	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	C67719	280.44	281	0.56	0.003	AGAT_FAICP		
fine-grained green strongly-foliated footwall amphibolite with occasional banding defined by greyish siliceous bands alternating with sections of green amphibole-rich wallrock; quartz and quartzofeldspathic melt bands in places as well as patchy bands of coarse almandine porphyroblasts			C67720	281	282.5	1.5	0.003	AGAT_FAICP			
			C67721	282.5	284	1.5	0.004	AGAT_FAICP			
			C67722	284	285.3	1.3	0.004	AGAT_FAICP			
			C67723	285.3	286	0.7	0.002	AGAT_FAICP			
			C67724	286	287.5	1.5	0.003	AGAT_FAICP			
			C67725	287.5	287.8	0.3	0.002	AGAT_FAICP			
			C67727	287.8	289	1.2	0.003	AGAT_FAICP			
			C67728	289	290.5	1.5	0.002	AGAT_FAICP			
			C67729	290.5	292	1.5	0.003	AGAT_FAICP			
			C67730	292	292.78	0.78	0.004	AGAT_FAICP			
292.78	293.51	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	C67731	292.78	293.51	0.73	0.006	AGAT_FAICP			
medium to coarse-grained light grey siliceous melt with blebby subrounded balls of green amphibolite suspended within; banded to patchy anastomosing quartzose to quartzofeldspathic groundmass with patterns outline by trains and trails of the aforementioned amphibolite melt bits			C67733	293.51	295	1.49	0.004	AGAT_FAICP			
			C67734	295	296	1	0.002	AGAT_FAICP			
			C67735	296	297.5	1.5	0.003	AGAT_FAICP			
			C67736	297.5	298.5	1	0.01	AGAT_FAICP			
			C67737	298.5	299.2	0.7	0.005	AGAT_FAICP			
			C67739	299.2	299.5	0.3	0.003	AGAT_FAICP			
			C67761	318.5	318.91	0.41	0.008	AGAT_FAICP			
			C67754	312.5	314	1.5	0.009	AGAT_FAICP			
			C67755	314	314.3	0.3	0.003	AGAT_FAICP			
			C67756	314.3	315.15	0.85	0.006	AGAT_FAICP			
	293.51	318.91	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite								
	fine to medium-grained green footwall amphibolite unit defined by occasional patches of abundant almandine garnet porphyroblasts and intermittent quartz-carbonate stringers with strong sericitic-potassic alteration haloes; two white barren quartz veins described in relevant tabs and a few small patches of white opaque leucosomatic melt										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C67757	315.15	316	0.85	0.005	AGAT_FAICP		
			C67759	316	317.5	1.5	0.008	AGAT_FAICP		
			C67760	317.5	318.5	1	0.01	AGAT_FAICP		
			C67747	305.4	305.9	0.5	0.002	AGAT_FAICP		
			C67748	305.9	307	1.1	0.005	AGAT_FAICP		
			C67749	307	308.5	1.5	0.001	AGAT_FAICP		
			C67750	308.5	310	1.5	0.003	AGAT_FAICP		
			C67751	310	311	1	0.003	AGAT_FAICP		
			C67753	311	312.5	1.5	0.002	AGAT_FAICP		
			C67740	299.5	301	1.5	0.004	AGAT_FAICP		
			C67741	301	302	1	0.005	AGAT_FAICP		
			C67742	302	302.59	0.59	0.005	AGAT_FAICP		
			C67743	302.59	302.89	0.3	0.0005	AGAT_FAICP		
			C67744	302.89	304	1.11	0.005	AGAT_FAICP		
			C67745	304	305.4	1.4	0.003	AGAT_FAICP		
318.91	319.26	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	C67762	318.91	319.26	0.35	0.005	AGAT_FAICP		
		fine-grained grey moderately-foliated quartz-feldspar-biotite unit with some amphibole incorporation from surrounding amphibolites my dude								
319.26	322.49	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	C67763	319.26	320.4	1.14	0.002	AGAT_FAICP		
		fine to medium-grained green banded footwall amphibolite with moderate to strong foliation and absence of any later alterations or interesting features	C67764	320.4	321	0.6	0.002	AGAT_FAICP		
			C67765	321	322.49	1.49	0.141	AGAT_FAICP		
322.49	323.46	(DIA) Diabase Dike, ()	C67767	322.49	323.46	0.97	0.003	AGAT_FAICP		
		very fine to fine-grained massive intrusive black diabase dyke with knife-sharp quenched contacts and abundant disseminated carbonate phenocrysts throughout; one thin white carbonate stringer crosses unit								
323.46	332.07	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	C67768	323.46	324.5	1.04	0.003	AGAT_FAICP		
		fine-grained green amphibole-rich footwall amphibolite defined by repeating light and dark green bands; strongly foliated and occasional thin grey quartz veinlets; one quartz-carbonate stringer near top of unit with potassic-sericitic envelope; otherwise little to no alteration on hairline quartz-carbonate veinlets	C67769	324.5	326	1.5	0.003	AGAT_FAICP		
			C67770	326	327	1	0.002	AGAT_FAICP		
			C67771	327	328.5	1.5	0.004	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			C67773	328.5	330	1.5	0.004	AGAT_FAICP		
			C67774	330	331	1	0.003	AGAT_FAICP		
			C67775	331	332.07	1.07	0.004	AGAT_FAICP		
332.07	332.81	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone fine-grained dark grey quartz-rich FGS with minor trailing bands of disseminated biotite	C67776	332.07	332.81	0.74	0.011	AGAT_FAICP		
332.81	333.16	(DIA) Diabase Dike, () very fine-grained massive black intrusive diabase dyke with knife-sharp quenched contacts and a couple thin quartz veinlets	C67777	332.81	333.16	0.35	0.004	AGAT_FAICP		
333.16	338.12	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone fine to medium-grained siliceous grey FGS with disseminated muscovite in spots and moderate to strong foliation; a couple small granitic pegmatites crosscut unit and potassic-sericitic enveloped quartz-carbonate stringers are common throughout; potassic alteration of groundmass near lower contact and texture of groundmass nears quartz-phenocrystic in sections	C67779	333.16	334	0.84	0.003	AGAT_FAICP		
			C67780	334	335	1	0.046	AGAT_FAICP		
			C67781	335	336.2	1.2	0.239	AGAT_FAICP		
			C67782	336.2	336.75	0.55	2.27	AGAT_FAICP		
			C67783	336.75	337.05	0.3	0.063	AGAT_FAICP		
			C67784	337.05	337.65	0.6	0.137	AGAT_FAICP		
			C67785	337.65	338.12	0.47	0.185	AGAT_FAICP		
338.12	343.40	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite medium to coarse-grained green strongly-foliated footwall amphibolite of alternating light and dark green bands; some localized folding in bands and one diabase dykelet cuts unit but is broken out in point structures tab	C67787	338.12	339	0.88	0.012	AGAT_FAICP		
			C67788	339	340	1	0.005	AGAT_FAICP		
			C67789	340	341	1	0.006	AGAT_FAICP		
			C67790	341	341.64	0.64	0.011	AGAT_FAICP		
			C67791	341.64	341.94	0.3	0.005	AGAT_FAICP		
			C67793	341.94	343.4	1.46	0.003	AGAT_FAICP		
343.40	344.46	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone fine to medium-grained grey quartz-feldspar-biotite unit with moderate foliation defined by alignment of biotite grains and weakly sericitic-potassic enveloped quartz-carbonate veinlets throughout	C67794	343.4	344.46	1.06	0.006	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
344.46	351.00	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	C67795	344.46	345.9	1.44	0.003	AGAT_FAICP		
		EOH at 351 m depth; medium to coarse-grained green almandine-porphyroblastic footwall amphibolite unit with strongly-banded sections of garnet and white leucosomatic partial melt within dark grey quartz veinlets; chlorite-sericite-epidote replacmenet zone at 348.5 m depth	C67796	345.9	347.4	1.5	0.003	AGAT_FAICP		
			C67797	347.4	348.9	1.5	0.002	AGAT_FAICP		
			C67799	348.9	350	1.1	0.003	AGAT_FAICP		
			C67800	350	351	1	0.002	AGAT_FAICP		EOH at 351 metre depth

Hole ID : RD19-00023

Project : Borden

Drilling Details :

Azimuth : 161
 Dip : -44.5
 Length : 426
 Drill Start : 2-Sep-2019
 Drill Completed : 9-Sep-2019
 Core Size : NQ
 Drill Company : Major
 Oriented Core : Yes

Location Details :

Easting : 340481
 Northing : 5303022
 Elevation : 422
 UTM Grid : NAD83_UTMZ17N_GPS
 Township : Borden
 Storage Location : Chapleau Ont

Logging Details :

Logged By : William.Gerber
 Logged By 2 : Gordon.McFadden
 Log Start : 7-Sep-2019
 Log Completed : 22-Sep-2019
 Re-Logged By :
 Re-Log Start :
 Re-Log Completed :

Comments :

GPS details updated using waypoint averaging on Garmin hand-held unit. Logged from 0 to 247m by W. Gerber; from 247 to 426m by G. McFadden. The hole was comprised mainly of amphibolite and biotite rich; garnet bearing FGS units. The hole also contains significant intercepts of metaconglomerate and granitic pegmatite. No significant apparent mineralized sections was intercepted.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	5.62	(OB) Overburden, ()								

5.62 5.81 (UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke

Lower part of a UMD dyke; massive; black/dark grey; fg Cb; strongly magnetic.

5.81 26.00 (AMP) Amphibolite, ()

Large amphibolite unit; Gt-rich; dark green; dark grey; moderately magnetic (Mt; Po) down to 21.8m (not magnetic downhole); weakly to moderately foliated (strain increases at 22.5m); locally stretched (Amp); fg Amp+Fp matrix with up to 7% fg-cg purple/red Gt porphyroblasts and thin masses // S1; local Bt-rich bands // S1 (i.e. 15cm wide at 15.45m); salty texture (fg Fp) when dry. 15cm wide UMD dykelet at 9.47m; tr. Po (local higher concentration); local QzCb veinlet oblique to S1 with thin Ser-KFp-altered haloes. Lower part has more felsic content; lower contact with FGS is Bt-richer. Local dark green (Amp) irregular bands remind pillow selvage texture?

D73815	5.62	6.62	1	0.003	AGAT_FAICP
D73816	6.62	7.52	0.9	0.002	AGAT_FAICP
D73817	7.52	8.52	1	0.001	AGAT_FAICP
D73819	8.52	9.52	1	0.02	AGAT_FAICP
D73820	9.52	10.52	1	0.002	AGAT_FAICP
D73821	10.52	11.52	1	0.003	AGAT_FAICP

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D73836	22.7	23.7	1	0.019	AGAT_FAICP		
			D73837	23.7	24.7	1	0.007	AGAT_FAICP		
			D73839	24.7	26	1.3	0.004	AGAT_FAICP		
			D73829	17.52	18.52	1	0.002	AGAT_FAICP		
			D73830	18.52	19.52	1	0.025	AGAT_FAICP		
			D73831	19.52	20.4	0.88	0.007	AGAT_FAICP		
			D73833	20.4	20.7	0.3	0.002	AGAT_FAICP		
			D73834	20.7	21.7	1	0.003	AGAT_FAICP		
			D73835	21.7	22.7	1	0.008	AGAT_FAICP		
			D73822	11.52	12.52	1	0.002	AGAT_FAICP		
			D73823	12.52	13.52	1	0.001	AGAT_FAICP		
			D73824	13.52	14.52	1	0.0005	AGAT_FAICP		
			D73825	14.52	15.52	1	0.001	AGAT_FAICP		
			D73827	15.52	16.52	1	0.002	AGAT_FAICP		
			D73828	16.52	17.52	1	0.002	AGAT_FAICP		
26.00	28.40	(FGS) Felsic Gneiss Sedimentary, ()	D73840	26	27	1	0.003	AGAT_FAICP		
		FGS (more likely a felsic tuff); dark/medium grey; fg-mg; weakly to mod. foliated; 5% Bt; 2% Amp; tr. Po; 17cm wide AMP sleeve at 27.79m (compositional layering).	D73841	27	27.7	0.7	0.002	AGAT_FAICP		
			D73842	27.7	28	0.3	0.005	AGAT_FAICP		
			D73843	28	28.4	0.4	0.005	AGAT_FAICP		
28.40	32.31	(AMP) Amphibolite, ()	D73844	28.4	29.4	1	0.005	AGAT_FAICP		
		Amphibolite is dark green; grey/brownish (Bt); banded (mm-wide bands); mod. to strongly foliated; not magnetic; possible strongly flattened pillow selvages. Some thin medium green (Cpx?) bands surrounded by dark green (Amp) rims locally boudinaged and slightly crenulated. Local fg-mg Gt; tr. Po. Local thin QzPoPy tension gash open at high angle to S1.	D73845	29.4	30.4	1	0.006	AGAT_FAICP		
			D73847	30.4	31.4	1	0.01	AGAT_FAICP		
			D73848	31.4	32.31	0.91	0.012	AGAT_FAICP		
32.31	33.32	(FGS) Felsic Gneiss Sedimentary, ()	D73849	32.31	33.32	1.01	0.003	AGAT_FAICP		
		Small FGS unit similar to 26-28.4m (likely a felsic tuff) with thin Amp sleeves // S1. 2cm thick Qz veinlet sub//S1.								
33.32	33.70	(AMP) Amphibolite, ()	D73850	33.32	33.7	0.38	0.024	AGAT_FAICP		
		Small AMP sleeve within FGS; Amp is Bt-rich; dark green and dark brown; mod. foliated; local Qz veinlet oblique to S1 with thin Ser-KFp-altered halo.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
33.70	36.72	(FGS) Felsic Gneiss Sedimentary, ()	D73851	33.7	34.7	1	0.487	AGAT_FAICP		
		FGS is medium/dark grey; moderately foliated; fg; some Amp-Cpx-rich thin bands and local levels // S1 (compositional layering); 0.25% Po.	D73853	34.7	35.7	1	0.081	AGAT_FAICP		
			D73854	35.7	36.72	1.02	0.014	AGAT_FAICP		
36.72	37.60	(AMP) Amphibolite, ()	D73855	36.72	37.6	0.88	0.02	AGAT_FAICP		
		Amphibolite is dark green; some medium green Cpx bands // S1; brownish (5% Bt); tr. labradorite; tr.-0.25% Po; few thin QzPo veinlets // S1; progressive upper contact from FGS.								
37.60	43.12	(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, ()	D73856	37.6	38.6	1	0.004	AGAT_FAICP		
		FGS with few thin AMP sleeves (<26cm wide); similar to 26-28.4m; medium/dark grey; fg-mg; mod. foliated; few % Amp; rare thin Qz veinlets // S1; thin Ser+/-Kfp altered haloes around Qz veinlets. Local tight F1 fold affecting S0 compositional layering (Bt-rich mm thick bands). 26cm thick AMP sleeve at lower contact with UMD. Some QzFp clots sub // S1.	D73857	38.6	39.6	1	0.006	AGAT_FAICP		
			D73859	39.6	40.6	1	0.003	AGAT_FAICP		
			D73860	40.6	41.6	1	0.003	AGAT_FAICP		
			D73861	41.6	41.9	0.3	0.006	AGAT_FAICP		
			D73862	41.9	42.8	0.9	0.002	AGAT_FAICP		
			D73863	42.8	43.12	0.32	0.002	AGAT_FAICP		
43.12	44.08	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D73864	43.12	44.08	0.96	0.002	AGAT_FAICP		
		UMD Lamprophyre dyke is dark grey/black; massive; vfg-fg with fg Cb; some thin AMP sleeves (host rock); strongly magnetic.								
44.08	47.07	(AMP) Amphibolite, ()	D73865	44.08	45.08	1	0.003	AGAT_FAICP		
		Amphibolite is dark green; moderately foliated; weak compositional layering (slightly banded); mostly fg with some mg levels; few % Gt (fg-mg); some Bt-rich levels; rare LAMP dykelet with Cb veinlets //. Local thin Qz veinlet // S1;	D73867	45.08	46.08	1	0.002	AGAT_FAICP		
			D73868	46.08	47.07	0.99	0.003	AGAT_FAICP		
47.07	48.27	(FGS) Felsic Gneiss Sedimentary, ()	D73869	47.07	47.94	0.87	0.003	AGAT_FAICP		
		FGS similar to other units uphole; medium to dark grey; fg; few % Bt // S1; Amp-rich bands // S1 near lower progressive contact with AMP.	D73870	47.94	48.27	0.33	0.005	AGAT_FAICP		
48.27	53.70	(AMP) Amphibolite, ()	D73871	48.27	49.2	0.93	0.032	AGAT_FAICP		
		Similar amphibolite as 44.08-47.07m; dark green; moderately foliated; fg; locally mg (local Gt); some Bt-rich bands. Local QzFp tension gash oblique to S1 (measured); local QzCb veinlet oblique to S1 with Ser-Kfp-altered haloes; rare thin UMD dykelet.	D73873	49.2	50.2	1	0.002	AGAT_FAICP		
			D73874	50.2	51.2	1	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D73875	51.2	52.2	1	0.002	AGAT_FAICP		
			D73876	52.2	53.2	1	0.002	AGAT_FAICP		
			D73877	53.2	53.7	0.5	0.005	AGAT_FAICP		
53.70	55.90	(FGS) Felsic Gneiss Sedimentary, ()	D73879	53.7	54.7	1	0.002	AGAT_FAICP		
		FGS is fg with abundant mg Qz/Fp grains +/- POC; dark grey; moderately foliated; 7% Bt; tr. Po; some Qz clots.	D73880	54.7	55.9	1.2	0.002	AGAT_FAICP		
55.90	62.16	(FGS) Felsic Gneiss Sedimentary, ()	D73881	55.9	56.9	1	0.007	AGAT_FAICP		
		FGS is medium grey (darker grey in upper part); mod. to strongly foliated; stretched (Amp+Po+Py); fg. Upper part (down to 59.12m) has 5% Amp (thin Amp-rich bands as part of compositional layering) and up to 2% Po+Py (blebs and thin veinlets // S1); mod. magnetic. Lower part is lighter grey; still with some AMP bands. Few thin Qz veinlets // S1 throughout.	D73882	56.9	57.9	1	0.009	AGAT_FAICP		
			D73883	57.9	59.12	1.22	0.005	AGAT_FAICP		
			D73884	59.12	60.15	1.03	0.003	AGAT_FAICP		
			D73885	60.15	61.15	1	0.001	AGAT_FAICP		
			D73887	61.15	62.16	1.01	0.002	AGAT_FAICP		
62.16	63.09	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D73888	62.16	63.09	0.93	0.0005	AGAT_FAICP		
		PEG-GR; pegmatitic texture; pink and light grey; massive; cg-vcg; Qz+KFp+tr. cg Gt; upper contact is folded (irregular).								
63.09	65.74	(FGS) Felsic Gneiss Sedimentary, ()	D73889	63.09	64.09	1	0.004	AGAT_FAICP		
		FGS is medium grey; fg; locally mg (Gt); mod. foliated; local compositional layering (Bt-rich bands // S1; probably tightly F1-folded. Local thin QzCb veinlet with Ser-KFp altered halo.	D73890	64.09	65.09	1	0.002	AGAT_FAICP		
			D73891	65.09	65.74	0.65	0.0005	AGAT_FAICP		
65.74	69.33	(AMP) Amphibolite, ()	D73893	65.74	66.74	1	0.0005	AGAT_FAICP		
		Amphibolite is similar to 44.08-47.07m interval; dark green; mod. foliated; fg with 3% fg-cg Gt POB; weak compositional layering (some darker green and brownish Bt-rich bands and masses as possible pillow selvages); some QzCb veinlets.	D73894	66.74	67.74	1	0.001	AGAT_FAICP		
			D73895	67.74	68.74	1	0.0005	AGAT_FAICP		
			D73896	68.74	69.33	0.59	0.001	AGAT_FAICP		
69.33	70.84	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D73897	69.33	70.33	1	0.0005	AGAT_FAICP		
		Similar PEG-GR as 62.16-63.09m; pegmatitic texture; pink and light grey; massive; cg-vcg; Qz+KFp +tr. cg Gt + tr. Amp; upper contact is oblique to S1; lower contact is // S1.	D73899	70.33	70.84	0.51	0.0005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
70.84	71.70	(AMP) Amphibolite, () Continuity of AMP-Gt 65.74-69.33m; with thin LAMP dykelet. Dark green; mod. foliated; fg with 5% fg-cg Gt POB; weak compositional layering (some darker green and brownish Bt-rich bands and masses as possible pillow selvages); some QzCb veinlets.	D73900	70.84	71.7	0.86	0.0005	AGAT_FAICP		
71.70	72.06	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Small UMD-Lamp dyke; black/dark grey; massive; strongly magnetic; vff-fg with fg Cb phenocrysts; contacts // S1.	D73901	71.7	72.06	0.36	0.0005	AGAT_FAICP		
72.06	78.32	(AMP) Amphibolite, () Continuity of AMP-Gt unit uphole above UMD. Dark green; mod. foliated; fg with 5% fg-mg Gt POB; moderate compositional layering (some darker green Amp-bands and masses as possible pillow selvages); some QzCb veinlets; local thin QzGtpxAmp veinlet // S1; few AmpFp yhin levels with salty texture (partial melting?).	D73902	72.06	73.06	1	0.0005	AGAT_FAICP		
			D73903	73.06	74.06	1	0.001	AGAT_FAICP		
			D73904	74.06	75.06	1	0.002	AGAT_FAICP		
			D73905	75.06	76.06	1	0.001	AGAT_FAICP		
			D73907	76.06	77.06	1	0.002	AGAT_FAICP		
			D73908	77.06	78.32	1.26	0.0005	AGAT_FAICP		
78.32	79.74	(PEG, AMP) Pegmatite, Amphibolite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz) Qz rich pegmatite opened obliquely to S1 so probably tension gash. AMP selvages are Bt-richer and S1 crenulated. PEG is light grey and pink; Qz+KFP; 5% AMP-Gt sleeves (due to PEG at low angle tca); two small fault breccias (<3cm thick) from 79.61 to 79.69m (no kinematics; core not oriented; CbV filled with mg fragments of PEG) with weak Ser-KFP-altered halo in AMP below.	D73909	78.32	79.74	1.42	0.002	AGAT_FAICP		
79.74	81.91	(AMP) Amphibolite, () AMP is dark green; fg; weak to moderately foliated; tr. mg-cg Gt POB.	D73910	79.74	80.74	1	0.0005	AGAT_FAICP		
			D73911	80.74	81.91	1.17	0.0005	AGAT_FAICP		
81.91	82.40	(FGS) Felsic Gneiss Sedimentary, () Small FGS level within AMP unit; with few Gt.	D73913	81.91	82.4	0.49	0.002	AGAT_FAICP		
82.40	84.60	(AMP) Amphibolite, () Continuity of AMP-Gt uphole. Dark green; fg; weak to moderately foliated; tr. mg-cg Gt POB. 0.53m missing core at 83.2m (8cm wide PEG piece does not dock). Local Qv // S1.	D73914	82.4	83.4	1	0.002	AGAT_FAICP		
			D73915	83.4	84.6	1.2	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
84.60	85.25	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke UMD-LAMP is dark grey/black; massive; strongly magnetic; vfg-fg with fg Cb phenocrysts. Contacts sub // S1.	D73916	84.6	85.25	0.65	0.002	AGAT_FAICP		
85.25	86.87	(AMP) Amphibolite, () Continuity of AMP-Gt uphole. Dark green; fg; weak to moderately foliated; tr. mg-cg Gt POB. Few QzCb veinlets slightly oblique to S1.	D73917	85.25	86.25	1	0.0005	AGAT_FAICP		
			D73919	86.25	86.87	0.62	0.001	AGAT_FAICP		
86.87	87.25	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Small UMD-LAMP dyke; dark grey/black; strongly magnetic; massive; fg Cb.	D73920	86.87	87.25	0.38	0.0005	AGAT_FAICP		
87.25	87.50	(AMP) Amphibolite, () Small AMP sleever similar to AMP-Gt uphole.								
87.50	90.63	(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, () FGS (more likely a felsic tuff) is dark grey; homogeneous; fg with some disseminated mg Gt and Gt-rich bands; 20cm wide MAP sleever at 89m; 7cm thick fault breccia at 88.47m (QzCb-filled with strongly KFP-altered FGS fragments; vuggy fractures).	D73921	87.25	88.25	1	0.0005	AGAT_FAICP		
			D73922	88.25	88.76	0.51	0.011	AGAT_FAICP		
			D73923	88.76	89.15	0.39	0.003	AGAT_FAICP		
			D73924	89.15	90.15	1	0.007	AGAT_FAICP		
			D73925	90.15	90.63	0.48	0.001	AGAT_FAICP		
90.63	94.48	(AMP) Amphibolite, () Continuity of AMP-Gt uphole. Dark green; homogeneous; fg; Bt-rich bands near upper contact with FGS; weak to moderately foliated; tr. mg-cg Gt POB; some QzCb veinlets oblique to S1.	D73927	90.63	91.63	1	0.0005	AGAT_FAICP		
			D73928	91.63	92.63	1	0.001	AGAT_FAICP		
			D73929	92.63	93.63	1	0.001	AGAT_FAICP		
			D73930	93.63	94.48	0.85	0.003	AGAT_FAICP		
94.48	98.25	(FGS) Felsic Gneiss Sedimentary, () FGS is similar to 87.5-90.63m; with Amp-rich banded level at lower contact. Dark grey; fg with local mg-cg Gt POB; some vuggy fractures near lower contact (opened along QzCb veinlets).	D73931	94.48	95.48	1	0.0005	AGAT_FAICP		
			D73933	95.48	96.48	1	0.0005	AGAT_FAICP		
			D73934	96.48	97.48	1	0.025	AGAT_FAICP		
			D73935	97.48	98.05	0.57	0.08	AGAT_FAICP		
			D73936	98.05	98.35	0.3	0.611	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
98.25	98.45	(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc Intensively silicified small interval (QV1); strongly foliated (Amp+Bt+Po+Py // S1); probably a silicified mafic unit (MAM-like); upper contact // S1/S0; S1 is axial planar of tight folds (F1?) affecting QV1 and Bt-Bt relicts. Overall 1% Po+Py as thin veinlets // S1.								
98.45	98.65	(DIA) Diabase Dike, () Thin diabase dykelet injected in QV1. Black; massive; vfg; non magnetic; contacts oblique to S1 in QV1.	D73937	98.35	98.65	0.3	0.017	AGAT_FAICP		
98.65	99.22	(QV, MAM) Quartz Vein, Mottled Amphibolite, (QZVT1) Quartz flooding +/- AM, PY, PO, etc Continuity of QV1 interval uphole; with 20cm wide MAM-looking level: multicolor (dark and medium green; brown; light grey); strongly foliated; banded; silicified; Amp+Bt+Cpx+Gt+Qz+Fp+0.75% Po+Py (// S1). Tr. Cg Gt.	D73939	98.65	99.22	0.57	0.065	AGAT_FAICP		
99.22	100.00	(AMP) Amphibolite, () Amphibolite with intermixed FGS thin levels (compositional layering); dark green; grey; strongly to moderately foliated; slightly banded; 4% Gt as fg-cg POB. Locally reminds the MAM texture.	D73940	99.22	100	0.78	0.02	AGAT_FAICP		
100.00	102.12	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Granitic pegmatite; pink; grey; pale yellow; KFP+Qz+Fp+ some Gt (with Amp rims). Upper contact sub // S1; lower contact oblique to S1.	D73941 D73942	100 101	101 102.12	1 1.12	0.002 0.002	AGAT_FAICP AGAT_FAICP		
102.12	102.85	(AMP) Amphibolite, () Amphibolite is dark green and dark grey; moderately foliated; fg with mg-cg Gt POB; Bt-rich near contacts.	D73943	102.12	102.85	0.73	0.006	AGAT_FAICP		
102.85	103.90	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Similar PEG-GR to 100-102.12m. Granitic pegmatite; grey; pink; KFP+Qz+ some Bt and Gt (with Amp rims). Contacts sub // S1.	D73944	102.85	103.9	1.05	0.017	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
103.90	105.18	(AMP) Amphibolite, ()	D73945	103.9	105.18	1.28	0.016	AGAT_FAICP		Continuity of AMP-Gt unit uphole injected by PEG veins. Amphibolite is dark green and dark grey; light green/beige in central part (blocky core) where strongly Ser-altered haloes around QzCb veinlets. Moderately foliated; fg with mg-cg Gt POB; Bt-rich near contacts. Few Qz veinlets.
105.18	111.95	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D73953	110.18	111.18	1	0.012	AGAT_FAICP		Large PEG-GR interval similar to 102.85-103.9m. Granitic pegmatite; pink; grey; KfP+Qz+ some Bt and Gt pseudomorphs (replaced with Py; with Amp rims). Contacts sub // S1. Tr. Py. Some KfP-rich levels show a fracture cleavage probably // S1 (un-oriented core). Some vuggy fractures around QzCb veinlets. Some brass drilling marks. In next interval the lower part of the PEG is blended toward an intensively silicified unit.
			D73954	111.18	111.83	0.65	0.01	AGAT_FAICP		
			D73947	105.18	106.18	1	0.009	AGAT_FAICP		
			D73948	106.18	107.18	1	0.004	AGAT_FAICP		
			D73949	107.18	108.18	1	0.003	AGAT_FAICP		
			D73950	108.18	109.18	1	0.005	AGAT_FAICP		
			D73951	109.18	110.18	1	0.056	AGAT_FAICP		
111.95	112.13	(QV) Quartz Vein, (QZVT1) Quartz flooding +/- AM, PY, PO, etc	D73955	111.83	112.13	0.3	0.213	AGAT_FAICP		Small intensively silicified level (Qz-flooding) at the lower end of the large PEG-GR vein. Medium to smokey grey Qz; diffuse upper contact with PEG; sharp lower contact with FGS; 1% Py as diss. blebs; tr. Gt (Amp rims); few <1mm thick Py or black mineral-filled fractures.
112.13	117.10	(FGS) Felsic Gneiss Sedimentary, ()	D73956	112.13	113.13	1	0.004	AGAT_FAICP		Graphitic and silicified metasediment (logged as FGS due to limited litho codes). Faulted interval. Dark grey; strongly foliated; fg; local cg Gt POB in a 7cm wide AMP-Gt level at upper contact with QV1; some Bt-rich bands // S1; some Amp-roch levels; locally thinly banded (compositional layering); not magnetic; overall 1.5% Py as vf to fg diss. blebs and in QzPy veinlets sub// S1. Few LAMP dykelets (<5cm thick); several slickensides (with slickenlines but core not oriented) in graphite-rich levels; some thin fault breccias (<2cm thick; at 113.65m; 114.04m) and QzCb veinlets locating fracturation (very blocky core in lower part).
			D73957	113.13	114.13	1	0.009	AGAT_FAICP		
			D73959	114.13	115.13	1	0.009	AGAT_FAICP		
			D73960	115.13	116.13	1	0.02	AGAT_FAICP		
			D73961	116.13	117.1	0.97	0.01	AGAT_FAICP		
117.10	117.90	(PEG) Pegmatite, (PEGQZ) Quartz Pegmatite (>90% quartz)	D73962	117.1	117.9	0.8	0.009	AGAT_FAICP		Quartz pegmatite at the upper part of the entire PEG unit. Smokey grey; mostly cg-vcg Qz; massive; progressive lower contact with PEG-GR. Moderately fractured vein with Py-coated fractures.
117.90	118.50	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D73963	117.9	118.5	0.6	0.019	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Granitic pegmatite; pink (KFp); medium grey (Qz); pegmatitic cg-vcg texture; massive; blocky core (due to typical PEG competency); progressive contact with surrounding Qz-rich PEG. Tr. Py.								
118.50	118.82	(PEG) Pegmatite, (PEGQZ) Quartz Pegmatite (>90% quartz)	D73964	118.5	118.82	0.32	0.005	AGAT_FAICP		
		Small quartz pegmatite vein similar to 117.1-117.9m; smokey grey; mostly cg-vcg Qz; massive; progressive lower contacts with PEG-GR. Moderately fractured vein with Py-coated fractures.								
118.82	119.94	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D73965	118.82	119.94	1.12	0.006	AGAT_FAICP		
		Similar to 117.9-118.5m; granitic pegmatite; pink (KFp); medium grey (Qz); pegmatitic cg-vcg texture; massive; blocky core due to few fractures; tr. Py. Lower contact with UMD is silicified.								
119.94	121.54	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D73967	119.94	120.94	1	0.004	AGAT_FAICP		
		UMD-Lamprophyre dyke is dark grey and kaki green; massive; with xenoliths or alteration patterns (apparent fragments of LAMP in LAMP). Two fault breccias (<9cm thick) from 120 to 120.25m. Magnetic outside of breccias. Common Cb veinlets; PEG relicts nera lower contact.	D73968	120.94	121.54	0.6	0.003	AGAT_FAICP		
121.54	122.79	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D73969	121.54	122.79	1.25	0.004	AGAT_FAICP		
122.79	123.18	(FGS) Felsic Gneiss Sedimentary, ()	D73970	122.79	123.18	0.39	0.011	AGAT_FAICP		
		Strongly silicified FGS; medium grey; locally green (Amp-rich bands); mod. to strongly foliated; 0.25 % Py as diss. blebs in some bands.								
123.18	123.74	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D73971	123.18	123.74	0.56	0.003	AGAT_FAICP		
		UMD-LAMP is dark grey; massive; strongly magnetic; fg with fg-cg Cb phenocrysts.								
123.74	137.76	(AMP) Amphibolite, ()	D73984	133.05	134.05	1	0.059	AGAT_FAICP		
		Large amphibolite unit with common Gt porphyroblasts (fg-cg; 4%); dark green and grey; weakly to mod. foliated; common dark green (Amp+Gt) and medium grey/green (Amp+Fp+Gt) bands as possible pillow selvages; some late QzCb veinlets with Ser-KFp-altered haloes. Tr. Po. Several thin Qz veinlets sub//S1.	D73985	134.05	135.05	1	0.005	AGAT_FAICP		
	D73987		135.05	136.05	1	0.003	AGAT_FAICP			

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D73988	136.05	137.05	1	0.002	AGAT_FAICP		
			D73989	137.05	137.76	0.71	0.003	AGAT_FAICP		
			D73977	127.05	128.05	1	0.002	AGAT_FAICP		
			D73979	128.05	129.05	1	0.002	AGAT_FAICP		
			D73980	129.05	130.05	1	0.002	AGAT_FAICP		
			D73981	130.05	131.05	1	0.002	AGAT_FAICP		
			D73982	131.05	132.05	1	0.002	AGAT_FAICP		
			D73983	132.05	133.05	1	0.002	AGAT_FAICP		
			D73973	123.74	124.05	0.31	0.007	AGAT_FAICP		
			D73974	124.05	125.05	1	0.002	AGAT_FAICP		
			D73975	125.05	126.05	1	0.002	AGAT_FAICP		
			D73976	126.05	127.05	1	0.002	AGAT_FAICP		
137.76	138.11	(FGS) Felsic Gneiss Sedimentary, ()	D73990	137.76	138.11	0.35	0.004	AGAT_FAICP		
		Similar silicified FGS as 122.79-123.18m; 123.74-124.05m units uphole. Medium grey; vfg; locally slightly banded (compositional layering superimposed by moderate foliation); possible chert-like?; some Qz veinlets; 1% graphite; upper contact with AMP is moderately faulted (breccia); common dark thin fractures network at multiple orientations.								
138.11	138.57	(UMD) UMLAMP Dikey, (LAMPD) UMD - Lamprophyre Dyke	D73991	138.11	138.57	0.46	0.003	AGAT_FAICP		
		UMD-LAMP dyke; dark grey with kaki green altered selvages; massive; strongly magnetic; vfg with fg-mg Cb phenocrysts.								
138.57	139.70	(FGS) Felsic Gneiss Sedimentary, ()	D73993	138.57	139.7	1.13	0.002	AGAT_FAICP		
		Similar silicified FGS as 122.79-123.18m; 123.74-124.05m and 137.76-138.11m units uphole. Medium grey; vfg; locally slightly banded (compositional layering superimposed by moderate foliation); possible chert-like?; common dark thin fractures network at multiple orientations. Local Py masses; tr. graphite.								
139.70	140.11	(UMD) UMLAMP Dikey, (LAMPD) UMD - Lamprophyre Dyke	D73994	139.7	140.11	0.41	0.003	AGAT_FAICP		
		Small UMD-LAMP similar to surrounding ones. Dark grey with kaki green altered upper selvage; massive; strongly magnetic; vfg with fg-mg Cb phenocrysts; FGS xenoliths (strongly foliated; Chl-altered?).								
140.11	141.79	(AMP, UMD) Amphibolite, UMLAMP Dikey, ()	D73995	140.11	140.45	0.34	0.005	AGAT_FAICP		
		Upper part looks like silicified amphibolite; lower part (from 141.12m) like true amphibolite								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		with Gt. 22cm wide UMD at 140.45m. Dark grey; vfg-fg; 1% Po+Py as vfg-fg diss. blebs; silicified; mod. to strongly foliated; some Bt-rich thin bands // S1; lower part is Amp-richer with mg-cg Gt POB. Some QzCb veinlets.	D73996	140.45	140.75	0.3	0.003	AGAT_FAICP		
			D73997	140.75	141.12	0.37	0.002	AGAT_FAICP		
			D73999	141.12	141.79	0.67	0.003	AGAT_FAICP		
141.79	142.88	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D74000	141.79	142.88	1.09	0.003	AGAT_FAICP		
		Quartz-rich granitic pegmatite has a pegmatitic and almost migmatitic (mg-cg granular) texture; pink and grey; massive; fractured (very thin; black) at multiple orientations; upper part is PEG-QZ. 1-2% Gt porphyroblasts (poikiloblastic; Qz inclusions?) with Amp-rims.								
142.88	144.00	(UMD) UMLAMP Dyke, (LAMPD) UMD - Lamprophyre Dyke	D70393	142.88	144	1.12	0.016	AGAT_FAICP		
		UMD-LAMP dyke; dark grey with kaki green altered selvages; massive; moderately magnetic; vfg with fg-mg Cb phenocrysts.								
144.00	145.23	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D70394	144	145.23	1.23	0.004	AGAT_FAICP		
		Continuity of PEG-GR above UMD. Quartz-rich granitic pegmatite has a pegmatitic and almost migmatitic (mg-cg granular) texture; pink and grey; massive; fractured (very thin; black) at multiple orientations. Lower contact very oblique to S1; suggesting a tension gash nature.								
145.23	146.08	(FGS) Felsic Gneiss Sedimentary, ()	D70395	145.23	146.08	0.85	0.004	AGAT_FAICP		
		Similar silicified FGS as 138.57-139.7m and other units uphole. Medium grey; vfg to locally fg; locally slightly banded (compositional layering superimposed by moderate to strong foliation); possible chert-like?; some graphite rich levels (up to 5% graph); some dark thin fractures (graph?).								
146.08	148.73	(AMP) Amphibolite, ()	D70396	146.08	147.08	1	0.004	AGAT_FAICP		
		Similar AMP-Gt as multiple intervals uphole. Dark green and grey; mod. foliated; common Gt porphyroblasts (fg-cg; 4%); 4-5% Bt; common dark green (Amp+Gt) and medium grey/green (Amp+Fp+Gt) bands as possible pillow selvages; common fg salty texture (whitish Fp); some late QzCb veinlets with Ser-KFp-altered haloes. Some fg felsic bands (similar to surrounding FGS units); tr. Po (blebs and thin bands // S1.	D70397	147.08	148.08	1	0.006	AGAT_FAICP		
			D70399	148.08	148.73	0.65	0.003	AGAT_FAICP		
148.73	149.07	(UMD) UMLAMP Dyke, (LAMPD) UMD - Lamprophyre Dyke	D70400	148.73	149.07	0.34	0.004	AGAT_FAICP		
		Small UMD-LAMP dyke; moderately magnetic.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
149.07	150.00	(AMP) Amphibolite, () Continuity of AMP-Gt uphole but almost no Gt and more Bt (10%); local thin Qz veinlet // S1; some Ser-altered haloes around late QzCb veinlets.	D70401	149.07	150	0.93	0.007	AGAT_FAICP		
150.00	150.56	(FGS) Felsic Gneiss Sedimentary, () Small FGS silicified similar to other FGS units uphole; dark grey; vfg-fg; moderately foliated; weakly fractured (graphite-filled?) with pale pink KFP-altered haloes.	D70402	150	150.56	0.56	0.004	AGAT_FAICP		
150.56	154.87	(AMP) Amphibolite, () Similar AMP-Gt as 146.08-148.73m; dark green; mod. foliated; abundant Gt porphyroblasts (fg-cg; 10%); 3% Bt; some medium grey/green (Amp+Fp+Gt) bands; 19cm wide UMD at 153.63m; some late QzCb veinlets with Ser-KFP-altered haloes. Upper contact with FGS-Si is faulted (small displacement).	D70403	150.56	151.56	1	0.002	AGAT_FAICP		
			D70404	151.56	152.56	1	0.003	AGAT_FAICP		
			D70405	152.56	153.56	1	0.002	AGAT_FAICP		
			D70407	153.56	154.56	1	0.002	AGAT_FAICP		
			D70408	154.56	154.87	0.31	0.002	AGAT_FAICP		
154.87	155.30	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Small UMD-LAMP; moderately to strongly magnetic.	D70409	154.87	155.3	0.43	0.003	AGAT_FAICP		
155.30	155.62	(AMP) Amphibolite, () Small AMP-Gt similar to AMP above UMD uphole.	D70410	155.3	155.62	0.32	0.002	AGAT_FAICP		
155.62	155.97	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Small UMD-LAMP; moderately to strongly magnetic.	D70411	155.62	155.97	0.35	0.003	AGAT_FAICP		
155.97	156.87	(AMP) Amphibolite, () Continuity of AMP-Gt uphole but upper part is more siliceous with thin pinched Qz-Po veinlets and some Po-richer bands. Overall 6% Gt POB (mg-cg); some Ser-altered haloes around late QzCb veinlets.	D70413	155.97	156.87	0.9	0.003	AGAT_FAICP		
156.87	158.64	(FGS, UMD) Felsic Gneiss Sedimentary, UMLAMP Dike, () Small FGS-Si-Graphite unit similar to other FGS intervals uphole; with more Amp content. Dark to medium grey; greenish; vfg-fg; moderately to strongly foliated; locally finely banded; overall 1% Po (vfg-fg diss. blebs and thin bands // S1) and 1% (?) graphite; 26cm wide UMD at 157.26m; some AMP-Gt bands (compositional layering); some Ser-KFP-altered haloes	D70414	156.87	157.23	0.36	0.009	AGAT_FAICP		
			D70415	157.23	157.7	0.47	0.005	AGAT_FAICP		
			D70416	157.7	158.64	0.94	0.004	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		around late QzCb veinlets.								
158.64	159.03	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D70417	158.64	159.03	0.39	0.002	AGAT_FAICP		Small UMD is mostly altered (kaki green); fractured; graphite-coated fractures and slickensides.
159.03	159.40	(AMP) Amphibolite, ()	D70419	159.03	159.4	0.37	0.003	AGAT_FAICP		Small AMP-Gt unit similar to uphole intervals; upper contact is more felsic and graphitic with black fractures (graphite-coated); Gt POB in less fractured levels.
159.40	159.85	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D70420	159.4	159.85	0.45	0.027	AGAT_FAICP		Small UMD-LAMP; moderately to strongly magnetic.
159.85	160.88	(AMP) Amphibolite, ()	D70421	159.85	160.88	1.03	0.006	AGAT_FAICP		Continuity of AMP-Gt uphole (injected by multiple UMD); with some thin late QzCb veinlets (oblique to S1) with Ser-KFp-altered haloes.
160.88	161.59	(FGS) Felsic Gneiss Sedimentary, ()	D70422	160.88	161.59	0.71	0.005	AGAT_FAICP		FGS is strongly foliated; almost thinly banded // S1; dark grey; dark green (5% Amp?); overall 1% Po (diss. blebs and thin veinlets // S1); local thin crenulation of thin S0 compositional layering (tight F1 folds; measured).
161.59	171.39	(AMP) Amphibolite, ()	D70423	161.59	162.59	1	0.011	AGAT_FAICP		Continuity of AMP-Gt unit uphole; dark green; mod. foliated; 5 to 10% mg-cg Gt POB (some levels are Gt-abundant); several thin late QzCb veinlets at multiple orientations with Ser-KFp-altered haloes; lower part (from 169m) has high density of late Cb veinlets (approaching the UMD) and is strongly altered. Local boudinage of compositional layering; local moderate mineral lineation (outlined by elongated Amp blades and Gt POC both flattened // S1).
			D70424	162.59	163.59	1	0.004	AGAT_FAICP		
			D70425	163.59	164.59	1	0.004	AGAT_FAICP		
			D70427	164.59	165.59	1	0.003	AGAT_FAICP		
			D70428	165.59	166.59	1	0.003	AGAT_FAICP		
			D70429	166.59	167.59	1	0.003	AGAT_FAICP		
			D70430	167.59	168.59	1	0.003	AGAT_FAICP		
			D70431	168.59	169	0.41	0.003	AGAT_FAICP		
			D70433	169	170	1	0.003	AGAT_FAICP		
			D70434	170	171.39	1.39	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
171.39	172.50	(UMD) UMLAMP Dyke, (LAMPD) UMD - Lamprophyre Dyke	D70435	171.39	172.5	1.11	0.005	AGAT_FAICP		UMD is kaki green/grey; strongly altered (?); non-magnetic; moderately brecciated in its lower part (172.19m) with thin fault breccias filled with Cb veinlets. Breccias are also fractured and faulted. See structures.
172.50	177.88	(AMP) Amphibolite, ()	D70436	172.5	173.61	1.11	0.058	AGAT_FAICP		Continuity of AMP-Gt uphole; upper contact with UMD is fractured. Dark green; weakly to mod. foliated; 5 to 10% mg-cg Gt POB (some levels are Gt-abundant); several thin late QzCb veinlets at multiple orientations with Ser-KFp-altered haloes; upper part (down to 173.61m) has high density of late Cb veinlets (below the UMD) and is strongly altered. At 177.05m a 15cm wide QzCb vein opened obliquely to S1 in AMP-Gt (Cb plates; pale green/beige; fg fragments suggesting possible breccification (filled with Cb vein)). From 177.42m AMP is pink/beige; strongly altered around Cb veinlets and approaching a small UMD.
			D70437	173.61	174.61	1	0.003	AGAT_FAICP		
			D70439	174.61	175.61	1	0.004	AGAT_FAICP		
			D70440	175.61	176.43	0.82	0.003	AGAT_FAICP		
			D70441	176.43	177.42	0.99	0.003	AGAT_FAICP		
			D70442	177.42	177.88	0.46	0.002	AGAT_FAICP		
177.88	178.19	(UMD) UMLAMP Dyke, (LAMPD) UMD - Lamprophyre Dyke	D70443	177.88	178.19	0.31	0.005	AGAT_FAICP		Small UMD LAMP dyke is medium grey/kaki; strongly altered with vcg Cb teeth; KFp-altered selvages in AMP.
178.19	187.60	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	D70444	178.19	179	0.81	0.003	AGAT_FAICP		Continuity of Amphibolite-Gt unit uphole; looks like AMP-FW; several medium grey/kaki green/pale pink KFp-Ser(?) altered haloes around late Cb veinlets. Cb veinlets locally opened in thin UMD dykelets. Cb veinlets have common altered haloes and are locally brecciated. When unaltered; AMP is dark green; weakly to mod. foliated; fg with 5% mg-cg Gt POB +/- flattened // S1; some medium green Cpx-rich bands. Lower contact with UMD is strongly altered (?). Tr. Po+Py.
			D70445	179	180	1	0.003	AGAT_FAICP		
			D70447	180	181	1	0.004	AGAT_FAICP		
			D70448	181	182	1	0.003	AGAT_FAICP		
			D70449	182	183	1	0.003	AGAT_FAICP		
			D70450	183	184	1	0.017	AGAT_FAICP		
			D70451	184	185	1	0.061	AGAT_FAICP		
			D70453	185	186	1	0.052	AGAT_FAICP		
			D70454	186	187	1	0.006	AGAT_FAICP		
			D70455	187	187.6	0.6	0.006	AGAT_FAICP		
187.60	188.84	(UMD) UMLAMP Dyke, (LAMPD) UMD - Lamprophyre Dyke	D70456	187.6	188.84	1.24	0.035	AGAT_FAICP		UMD-LAMP is strongly altered (?); kaki and light green; common mg to vcg Cb phenocrysts and probably strongly altered AMP xenoliths. Some Cb veinlets.
188.84	197.15	(AMP) Amphibolite, ()	D70457	188.84	189.59	0.75	0.005	AGAT_FAICP		Continuity of Amphibolite-Gt unit uphole. AMP is dark green; mod. foliated; fg with 5% fg-cg Gt POB +/- flattened // S1. Upper contact is strongly Ser-KFp (?) altered below UMD. Some
			D70459	189.59	190.59	1	0.005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
late (crossing S1) Cb veinlets (<2cm thick) with medium grey/kaki green/pale pink Kfp-Ser(?) altered haloes. 11cm thick PEG-GR (Gt) // S1 at 194.03m. Rare thin Qz veinlets // S1. Tr. Po+Py.			D70460	190.59	191.59	1	0.006	AGAT_FAICP		
			D70461	191.59	192.59	1	0.004	AGAT_FAICP		
			D70462	192.59	193.59	1	0.002	AGAT_FAICP		
			D70463	193.59	194.59	1	0.005	AGAT_FAICP		
			D70464	194.59	195.59	1	0.002	AGAT_FAICP		
			D70465	195.59	196.59	1	0.002	AGAT_FAICP		
			D70467	196.59	197.15	0.56	0.003	AGAT_FAICP		
197.15	197.72	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D70468	197.15	197.72	0.57	0.004	AGAT_FAICP		Small UMD-LAMP dyke; dark grey/black; massive; stronhly magnetic; fg with fg-mg Cb.
197.72	219.40	(AMP) Amphibolite, ()	D70469	197.72	198.72	1	0.002	AGAT_FAICP		Continuity of Amphibolite-Gt unit uphole. AMP is dark green; mod. foliated; mod. stretched; fg with 5% fg-cg Gt POB +/- flattened // S1; rare Cpx-rich bands often associated with salty texture (white fg Fp). Rare thin Qz veinlets // S1; local higher density of Qz veinlets // S1; rare thin UMD-LAMP dykelet. 12cm thick PEG-GR (medium grey) at 216.61m. Possible Ilmenite at 213.3m (cg black mod. hard POB with round Qz inclusions and Po+Cpy inclusions). Tr. Po+Py.
			D70470	198.72	199.79	1.07	0.002	AGAT_FAICP		
			D70471	199.79	200.72	0.93	0.002	AGAT_FAICP		
			D70473	200.72	201.72	1	0.003	AGAT_FAICP		
			D70474	201.72	202.72	1	0.002	AGAT_FAICP		
			D70475	202.72	203.72	1	0.003	AGAT_FAICP		
			D70490	215.72	216.55	0.83	0.004	AGAT_FAICP		
			D70491	216.55	216.85	0.3	0.137	AGAT_FAICP		
			D70493	216.85	217.85	1	0.003	AGAT_FAICP		
			D70494	217.85	218.9	1.05	0.004	AGAT_FAICP		
			D70495	218.9	219.4	0.5	0.01	AGAT_FAICP		
			D70483	209.72	210.72	1	0.004	AGAT_FAICP		
			D70484	210.72	211.72	1	0.002	AGAT_FAICP		
			D70485	211.72	212.72	1	0.002	AGAT_FAICP		
			D70487	212.72	213.72	1	0.01	AGAT_FAICP		
			D70488	213.72	214.72	1	0.003	AGAT_FAICP		
			D70489	214.72	215.72	1	0.005	AGAT_FAICP		
			D70476	203.72	204.72	1	0.003	AGAT_FAICP		
			D70477	204.72	205.72	1	0.012	AGAT_FAICP		
			D70479	205.72	206.72	1	0.005	AGAT_FAICP		
			D70480	206.72	207.72	1	0.006	AGAT_FAICP		
			D70481	207.72	208.72	1	0.005	AGAT_FAICP		
			D70482	208.72	209.72	1	0.02	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
219.40	220.00	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Small UMD-LAMP; black; massive; weakly magnetic; fg-cg Cb phenocrysts.	D70496	219.4	220	0.6	0.003	AGAT_FAICP		
220.00	226.52	(AMP) Amphibolite, () Continuity of Amphibolite-Gt unit uphole. AMP is dark green; mod. foliated; mod. stretched; fg with 5% fg-cg Gt POB +/- flattened // S1; rare Cpx-rich bands often associated with salty texture (white fg Fp). Local thin Qz veinlets // S1; local thin Cb veinlets (rarely brecciated) with thin pinky KFP-Ser-altered haloes. Tr. Po+Py.	D70497	220	221	1	0.003	AGAT_FAICP		
			D70499	221	222	1	0.002	AGAT_FAICP		
			D70500	222	223	1	0.004	AGAT_FAICP		
			D70501	223	224	1	0.004	AGAT_FAICP		
			D70502	224	225	1	0.003	AGAT_FAICP		
			D70503	225	226	1	0.003	AGAT_FAICP		
			D70504	226	226.52	0.52	0.002	AGAT_FAICP		
226.52	227.10	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Small UMD-LAMP; black; massive; strongly magnetic; vfg-fg with fg Cb phenocrysts. Local Cb veinlets // contacts with local slickensides and slickenlines indicating an apparent dextral strike slip displacement.	D70505	226.52	227.1	0.58	0.002	AGAT_FAICP		
227.10	229.98	(AMP) Amphibolite, () Continuity of Amphibolite-Gt unit uphole. AMP is dark green; mod. foliated; mod. stretched; fg with 5% fg-cg Gt POB +/- flattened // S1; few % Bt; local contact with PEG is Bt-rich (8cm thick GBFG). Rare thin Qz veinlets // S1; local Po+Py blebs concentrations // S1.	D70507	227.1	228.1	1	0.004	AGAT_FAICP		
			D70508	228.1	229.1	1	0.003	AGAT_FAICP		
			D70509	229.1	229.98	0.88	0.005	AGAT_FAICP		
229.98	230.58	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Granitic pegmatite; pink; light grey; massive; pegmatitic cg-vcg texture; Qz+KFP+tr.Bt.	D70510	229.98	230.58	0.6	0.002	AGAT_FAICP		
230.58	239.74	(AMP) Amphibolite, () Continuity of Amphibolite-Gt unit uphole. AMP is dark green; mod. foliated; mod. stretched; fg with 5% fg-cg Gt POB +/- flattened // S1; some Cpx+white fg Fp+Gt-rich bands // S1; few % Bt; rare thin Qz veinlets // S1 (local higher concentrations of veinlets); local Po+Py blebs concentrations // S1. Local late Cb veinlets with pink/beige Ser-altered haloes (i.e. 237.34-237.59m).	D70511	230.58	231.58	1	0.004	AGAT_FAICP		
			D70513	231.58	232.58	1	0.004	AGAT_FAICP		
			D70514	232.58	233.58	1	0.01	AGAT_FAICP		
			D70515	233.58	234.58	1	0.004	AGAT_FAICP		
			D70516	234.58	235.58	1	0.004	AGAT_FAICP		
			D70517	235.58	236.58	1	0.004	AGAT_FAICP		
			D70519	236.58	237.3	0.72	0.003	AGAT_FAICP		
			D70520	237.3	237.6	0.3	0.005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D70521	237.6	238.6	1	0.003	AGAT_FAICP		
			D70522	238.6	239.74	1.14	0.007	AGAT_FAICP		
239.74	250.20	(FGC) Felsic Gneiss Conglomerate, ()	D70523	239.74	240.74	1	0.004	AGAT_FAICP		
		Pebble conglomerate; polymictic; dark grey and dark green; strongly foliated; strongly banded (flattened clasts // S1); moderately stretched (not obvious stretched clast; but Amp+Bt are slightly stretched and aligned // L1 on S1 planes). Mostly felsic clasts (light grey; medium grey; fg; mg; different textures); possible mafic clasts (dark green; fg; as bands) in fg felsic matrix with 10% Amp-rich thin levels; 10% Bt as Bt-rich thin bands // S1; 0.5% Gt as diss. mg POB. Few thin Qz+/-Fp veinlets // S1. Local tight F1 (?) fold affecting Qz veinlets (AP1//S1). UMD-LAMP dykelet from 242.4-242.63m. Several late Cb veinlets with thin Ser-KFp-altered haloes. FGC looks like pebble conglomerate from the Deposit stripped outcrop and Borden Lake antiform limbs.	D70524	240.74	241.74	1	0.02	AGAT_FAICP		
			D70525	241.74	242.74	1	0.006	AGAT_FAICP		
			D70527	242.74	243.74	1	0.007	AGAT_FAICP		
			D70528	243.74	244.74	1	0.006	AGAT_FAICP		
			D70529	244.74	245.74	1	0.005	AGAT_FAICP		
			D70530	245.74	246.74	1	0.004	AGAT_FAICP		
			D70531	246.74	248	1.26	0.004	AGAT_FAICP		
			D70533	248	249	1	0.015	AGAT_FAICP		
			D70534	249	250.2	1.2	0.005	AGAT_FAICP		
250.20	250.57	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D70535	250.2	250.57	0.37	0.005	AGAT_FAICP		Alkalic dike with well developed chill margins.
250.57	252.93	(FGC) Felsic Gneiss Conglomerate, ()	D70536	250.57	252	1.43	0.007	AGAT_FAICP		Abundant bands of amphibole and/or biotite. Localized recumbant folds. Localized 1-3 cm thick quartz pegmatites oriented foliation parallel.
			D70537	252	252.93	0.93	0.006	AGAT_FAICP		
252.93	255.12	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D70539	252.93	254	1.07	0.003	AGAT_FAICP		Alkalic dike. Selvage of FGC at 254.11-254.29m.
			D70540	254	255.12	1.12	0.004	AGAT_FAICP		
255.12	267.21	(FGC) Felsic Gneiss Conglomerate, ()	D70541	255.12	256	0.88	0.013	AGAT_FAICP		Abundant bands of amphibole and/or biotite. Localized 1-3 cm thick quartz pegmatites oriented foliation parallel. UMD at 356.62-356.80m.
			D70542	256	257	1	0.007	AGAT_FAICP		
			D70543	257	258	1	0.01	AGAT_FAICP		
			D70544	258	259	1	0.007	AGAT_FAICP		
			D70545	259	260	1	0.009	AGAT_FAICP		
			D70547	260	261	1	0.009	AGAT_FAICP		
			D70548	261	262	1	0.034	AGAT_FAICP		
			D70549	262	263	1	0.011	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D70550	263	264	1	0.012	AGAT_FAICP		
			D70551	264	265	1	0.018	AGAT_FAICP		
			D70553	265	266	1	0.009	AGAT_FAICP		
			D70554	266	267.21	1.21	0.028	AGAT_FAICP		
267.21	277.55	(FGC) Felsic Gneiss Conglomerate, ()	D70555	267.21	268	0.79	0.013	AGAT_FAICP		
Possible FGS or more felsic FGC. Localized bands of amphibole crystals. Localized 1 cm thick quartz veins parallel to foliation. Migmatite section at 272.45-272.85m. Gradational contacts.			D70556	268	269	1	0.01	AGAT_FAICP		
			D70557	269	270	1	0.016	AGAT_FAICP		
			D70559	270	271	1	0.011	AGAT_FAICP		
			D70560	271	272	1	0.008	AGAT_FAICP		
			D70561	272	273	1	0.006	AGAT_FAICP		
			D70562	273	274	1	0.011	AGAT_FAICP		
			D70563	274	275	1	0.007	AGAT_FAICP		
			D70564	275	276	1	0.009	AGAT_FAICP		
			D70565	276	277	1	0.007	AGAT_FAICP		
			D70567	277	277.55	0.55	0.026	AGAT_FAICP		
277.55	278.45	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D70568	277.55	278.45	0.9	0.006	AGAT_FAICP		
Gradational upper contact. Possible FGS or FGC.										
278.45	279.81	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D70569	278.45	279.81	1.36	0.004	AGAT_FAICP		
Alkali feldspar rich pegmatite. Selvage of amphibolite at 279.00-279.06m.										
279.81	281.45	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D70570	279.81	280.5	0.69	0.002	AGAT_FAICP		
Similar composition to previous amphibolite unit. Localized sections with varying amphibole percentage. Localized 1 cm thick; foliation parallel; granitic pegmatites.			D70571	280.5	281.45	0.95	0.005	AGAT_FAICP		
281.45	282.33	(FGS) Felsic Gneiss Sedimentary, ()	D70573	281.45	282.33	0.88	0.008	AGAT_FAICP		
Biotite rich FGS with varying amounts of amphibole. Medium-coarse grained quartz and feldspar crystals. Possible DIO. Localized 1-2 cm thick; foliation parallel pegmatites.										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
282.33	282.93	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Alkali feldspar rich pegmatite.	D70574	282.33	282.93	0.6	0.002	AGAT_FAICP		
282.93	285.26	(FGS) Felsic Gneiss Sedimentary, () Biotite rich FGS with varying amounts of amphibole. Medium-coarse grained quartz and feldspar crystals. Possible DIO.	D70575 D70576	282.93 284	284 285.26	1.07 1.26	0.002 0.003	AGAT_FAICP AGAT_FAICP		
285.26	287.05	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) Similar to previous 2 amphibolite units. Localized sections with varying amphibole percentage. Localized 1-3 cm thick; foliation parallel; granitic pegmatites.	D70577 D70579	285.26 286	286 287.05	0.74 1.05	0.007 0.009	AGAT_FAICP AGAT_FAICP		
287.05	290.78	(FGS) Felsic Gneiss Sedimentary, () Biotite rich FGS with varying amounts of amphibole. Localized 1-2 cm thick; foliation parallel pegmatites.	D70580 D70581 D70582 D70583	287.05 288 289 290	288 289 290 290.78	0.95 1 1 0.78	0.003 0.003 0.003 0.004	AGAT_FAICP AGAT_FAICP AGAT_FAICP AGAT_FAICP		
290.78	291.15	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Alkalic dike.	D70584	290.78	291.15	0.37	0.012	AGAT_FAICP		
291.15	294.78	(FGS) Felsic Gneiss Sedimentary, () Amphibole rich FGS with varying amounts of biotite. Section of granitic pegmatite at 293.11-293.35m.	D70585 D70587 D70588 D70589	291.15 292 293 294	292 293 294 294.78	0.85 1 1 0.78	0.004 0.005 0.002 0.005	AGAT_FAICP AGAT_FAICP AGAT_FAICP AGAT_FAICP		
294.78	296.63	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Alkali feldspar rich pegmatite.	D70590 D70591	294.78 295.65	295.65 296.63	0.87 0.98	0.012 0.004	AGAT_FAICP AGAT_FAICP		
296.63	304.35	(FGS) Felsic Gneiss Sedimentary, () Amphibole rich FGS with varying amounts of biotite. Localized 1-10 cm thick; foliation parallel pegmatites.	D70593 D70594	296.63 298	298 299	1.37 1	0.021 0.066	AGAT_FAICP AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D70595	299	300	1	0.009	AGAT_FAICP		
			D70596	300	301	1	0.028	AGAT_FAICP		
			D70597	301	302	1	0.011	AGAT_FAICP		
			D70599	302	303	1	0.008	AGAT_FAICP		
			D70600	303	304.35	1.35	0.012	AGAT_FAICP		
304.35	309.68	(FGC) Felsic Gneiss Conglomerate, ()	D70601	304.35	305	0.65	0.01	AGAT_FAICP		
		Banded conglomerate with abundant amphibole layers. Possible banded AMP. Localized <1 cm thick migmatitic veins/pegmatites oriented parallel to foliation.	D70602	305	306	1	0.007	AGAT_FAICP		
			D70603	306	307	1	0.014	AGAT_FAICP		
			D70604	307	308	1	0.02	AGAT_FAICP		
			D70605	308	309	1	0.016	AGAT_FAICP		
			D70607	309	309.68	0.68	0.014	AGAT_FAICP		
309.68	312.33	(FGS) Felsic Gneiss Sedimentary, ()	D70608	309.68	311	1.32	0.019	AGAT_FAICP		
		Localized bands of amphibole crystals. Localized <1 cm thick; foliation parallel; migmatitic pegmatites.	D70609	311	312.33	1.33	0.023	AGAT_FAICP		
312.33	313.86	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D70610	312.33	313	0.67	0.021	AGAT_FAICP		
		Granitic pegmatite.	D70611	313	313.86	0.86	0.031	AGAT_FAICP		
313.86	314.19	(AMP) Amphibolite, ()	D70613	313.86	314.19	0.33	0.022	AGAT_FAICP		
		Passive folded bands of light green clinopyroxene within the dark green hornblend unit.								
314.19	314.61	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D70614	314.19	314.61	0.42	0.049	AGAT_FAICP		
		Granitic pegmatite.								
314.61	315.57	(AMP) Amphibolite, ()	D70615	314.61	315.57	0.96	0.022	AGAT_FAICP		
		Localized bands of light green clinopyroxene crystals.								
315.57	318.75	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50%								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		quartz)	D70616	315.57	317	1.43	0.035	AGAT_FAICP		
		Granitic pegmatite.	D70617	317	318	1	0.009	AGAT_FAICP		
318.75	319.88	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D70620	318.75	319.88	1.13	0.006	AGAT_FAICP		
		Alkalic dike. Sections of possible healed fault gouge.								
319.88	336.65	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D70621	319.88	321	1.12	0.007	AGAT_FAICP		
		Granitic pegmatite. Localized sections with fractures. Localized sections with perthitic texture. Section or breccia with quartz vein matrix at 331.7-332.7m.	D70622	321	322	1	0.003	AGAT_FAICP		
			D70623	322	323	1	0.019	AGAT_FAICP		
			D70624	323	324	1	0.005	AGAT_FAICP		
			D70625	324	325	1	0.009	AGAT_FAICP		
			D70627	325	326	1	0.005	AGAT_FAICP		
			D70635	332	333	1	0.002	AGAT_FAICP		
			D70636	333	334	1	0.003	AGAT_FAICP		
			D70637	334	335	1	0.029	AGAT_FAICP		
			D70639	335	336	1	0.015	AGAT_FAICP		
			D70640	336	336.65	0.65	0.006	AGAT_FAICP		
			D70628	326	327	1	0.006	AGAT_FAICP		
			D70629	327	328	1	0.004	AGAT_FAICP		
			D70630	328	329	1	0.021	AGAT_FAICP		
			D70631	329	330	1	0.003	AGAT_FAICP		
			D70633	330	331	1	0.006	AGAT_FAICP		
			D70634	331	332	1	0.003	AGAT_FAICP		
336.65	346.85	(AMP) Amphibolite, ()	D70641	336.65	338	1.35	0.006	AGAT_FAICP		
		Localized areas with more felsic minerals. Localized areas with abundant patchy bands of medium-coarse grained garnet and clinopyroxene.	D70642	338	339	1	0.013	AGAT_FAICP		
			D70643	339	340	1	0.008	AGAT_FAICP		
			D70644	340	341	1	0.006	AGAT_FAICP		
			D70645	341	342	1	0.025	AGAT_FAICP		
			D70647	342	343	1	0.027	AGAT_FAICP		
			D70648	343	344	1	0.005	AGAT_FAICP		
			D70649	344	345	1	0.005	AGAT_FAICP		
			D70650	345	346	1	0.005	AGAT_FAICP		
			D70651	346	346.85	0.85	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
346.85	351.91	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone Localized sections with varying grain size; foliation intensity; biotite percentage; and garnet percentage. Abundant coarse grained elongated garnets with felsic depletion halos. Abundant quartz-feldspar augen often rimmed with biotite and/or garnet.	D70653	346.85	348	1.15	0.003	AGAT_FAICP		
			D70654	348	349	1	0.003	AGAT_FAICP		
			D70655	349	350	1	0.003	AGAT_FAICP		
			D70656	350	351	1	0.005	AGAT_FAICP		
			D70657	351	351.91	0.91	0.003	AGAT_FAICP		
351.91	353.01	(AMP) Amphibolite, () Relatively homogenous amphibolite.	D70659	351.91	353.01	1.1	0.01	AGAT_FAICP		
353.01	355.35	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone Abundant elongated garnets often with felsic depletion halos. Section of amphibolite at 353.15-353.40m.	D70660	353.01	354	0.99	0.007	AGAT_FAICP		
			D70661	354	355.35	1.35	0.016	AGAT_FAICP		
355.35	363.49	(AMP) Amphibolite, () Abundant felsic bands. Abundant sections with varying amphibole and garnet percentage. Localized biotite rich sections. Sections of UMD at 355.55-355.70m and 357.50-357.70m. Abundant bands of possible scapolite.	D70662	355.35	356	0.65	0.006	AGAT_FAICP		
			D70663	356	357	1	0.024	AGAT_FAICP		
			D70664	357	358	1	0.018	AGAT_FAICP		
			D70665	358	359	1	0.019	AGAT_FAICP		
			D70667	359	360	1	0.028	AGAT_FAICP		
			D70668	360	361	1	0.007	AGAT_FAICP		
			D70669	361	362	1	0.007	AGAT_FAICP		
			D70670	362	363.49	1.49	0.013	AGAT_FAICP		
363.49	364.13	(DIA) Diabase Dike, () Diabase dike.	D70671	363.49	364.13	0.64	0.004	AGAT_FAICP		
364.13	368.95	(AMP) Amphibolite, () Localized felsic bands. Localized sections with varying biotite and/or garnet percentage. Localized foliation parallel; migmatitic pegmatites.	D70673	364.13	365	0.87	0.006	AGAT_FAICP		
			D70674	365	366	1	0.007	AGAT_FAICP		
			D70675	366	367	1	0.007	AGAT_FAICP		
			D70676	367	368	1	0.007	AGAT_FAICP		
			D70677	368	368.95	0.95	0.004	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
368.95	381.97	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D70679	368.95	370	1.05	0.003	AGAT_FAICP		
		Abundant sections with varying grain size and foliation intensity. Localized sections with varying garnet and biotite percentage. Localized 1-10 cm thick; foliation parallel; migmatitic pegmatites.	D70680	370	371	1	0.003	AGAT_FAICP		
			D70681	371	372	1	0.003	AGAT_FAICP		
			D70682	372	373	1	0.016	AGAT_FAICP		
			D70683	373	374	1	0.006	AGAT_FAICP		
			D70684	374	375	1	0.006	AGAT_FAICP		
			D70693	381	381.97	0.97	0.007	AGAT_FAICP		
			D70685	375	376	1	0.006	AGAT_FAICP		
			D70687	376	377	1	0.009	AGAT_FAICP		
			D70688	377	378	1	0.015	AGAT_FAICP		
			D70689	378	379	1	0.019	AGAT_FAICP		
			D70690	379	380	1	0.027	AGAT_FAICP		
			D70691	380	381	1	0.01	AGAT_FAICP		
381.97	383.30	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D70694	381.97	383.3	1.33	0.012	AGAT_FAICP		
		Migmatitic sections of FGS with significant biotite present. Silica rich unit.								
383.30	398.78	(FGS) Felsic Gneiss Sedimentary, ()	D70695	383.3	384	0.7	0.006	AGAT_FAICP		
		Localized sections with varying grain size; garnet percentage; and biotite percentage. Localized 1-5 cm thick; foliation parallel; migmatitic pegmatites. Section of diabase dike at 385.77-386.04m.	D70696	384	385	1	0.037	AGAT_FAICP		
			D70697	385	386.1	1.1	0.003	AGAT_FAICP		
			D70699	386.1	387	0.9	0.006	AGAT_FAICP		
			D70700	387	388	1	0.004	AGAT_FAICP		
			D70701	388	389	1	0.003	AGAT_FAICP		
			D70709	394.9	396	1.1	0.003	AGAT_FAICP		
			D70710	396	397	1	0.007	AGAT_FAICP		
			D70711	397	398	1	0.004	AGAT_FAICP		
			D70713	398	398.78	0.78	0.006	AGAT_FAICP		
			D70702	389	390	1	0.005	AGAT_FAICP		
			D70703	390	391.1	1.1	0.006	AGAT_FAICP		
			D70704	391.1	392	0.9	0.004	AGAT_FAICP		
			D70705	392	393	1	0.003	AGAT_FAICP		
			D70707	393	394	1	0.005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D70708	394	394.9	0.9	0.004	AGAT_FAICP		
398.78	399.25	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz) Migmatitic pegmatite with significant quartz and sulphides.	D70714	398.78	399.25	0.47	0.005	AGAT_FAICP		
399.25	407.98	(FGS) Felsic Gneiss Sedimentary, () Localized biotite rich bands. Localized 1-5 cm thick; foliation parallel; migmatitic pegmatites.	D70715	399.25	400	0.75	0.008	AGAT_FAICP		
			D70716	400	401	1	0.004	AGAT_FAICP		
			D70717	401	402	1	0.003	AGAT_FAICP		
			D70719	402	403	1	0.007	AGAT_FAICP		
			D70720	403	404	1	0.003	AGAT_FAICP		
			D70721	404	405	1	0.004	AGAT_FAICP		
			D70722	405	406	1	0.003	AGAT_FAICP		
			D70723	406	407	1	0.002	AGAT_FAICP		
			D70724	407	407.98	0.98	0.002	AGAT_FAICP		
407.98	408.40	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Granitic pegmatite.	D70725	407.98	408.4	0.42	0.002	AGAT_FAICP		
408.40	426.00	(FGS) Felsic Gneiss Sedimentary, () Localized biotite rich bands. Localized 1-5 cm thick; foliation parallel; migmatitic pegmatites. EOH=426.00m.	D70727	408.4	409.1	0.7	0.004	AGAT_FAICP		
			D70728	409.1	410	0.9	0.004	AGAT_FAICP		
			D70729	410	411	1	0.004	AGAT_FAICP		
			D70730	411	412	1	0.004	AGAT_FAICP		
			D70731	412	413	1	0.005	AGAT_FAICP		
			D70733	413	414	1	0.005	AGAT_FAICP		
			D70741	420	421	1	0.003	AGAT_FAICP		
			D70742	421	422	1	0.002	AGAT_FAICP		
			D70743	422	423	1	0.004	AGAT_FAICP		
			D70744	423	424	1	0.016	AGAT_FAICP		
			D70745	424	425	1	0.011	AGAT_FAICP		
			D70747	425	426	1	0.009	AGAT_FAICP		EOH
			D70734	414	415	1	0.002	AGAT_FAICP		
			D70735	415	416	1	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D70736	416	417	1	0.003	AGAT_FAICP		
			D70737	417	418	1	0.003	AGAT_FAICP		
			D70739	418	419	1	0.003	AGAT_FAICP		
			D70740	419	420	1	0.003	AGAT_FAICP		

Hole ID : RD19-00024

Project : Borden

Drilling Details :

Azimuth : 171
 Dip : -45
 Length : 354
 Drill Start : 9-Sep-2019
 Drill Completed : 12-Sep-2019
 Core Size : NQ
 Drill Company : Major
 Oriented Core : Yes

Location Details :

Easting : 340302
 Northing : 5302839
 Elevation : 429
 UTM Grid : NAD83_UTMZ17N_GPS
 Township : Borden
 Storage Location : Chapleau Ont

Logging Details :

Logged By : Brad.Clarke
 Logged By 2 : Alex.Jibb
 Log Start : 16-Sep-2019
 Log Completed : 30-Sep-2019
 Re-Logged By :
 Re-Log Start :
 Re-Log Completed :

Comments :

GPS details updated using waypoint averaging on Garmin hand-held unit. Hole intersected intermediate AMP; thick PEG veins; and FGSGB units. Very little sulfides observed within the hole. Locally high po and py mineralization. Weak to no alteration.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	3.00	(OB) Overburden, () Overburden								
3.00	5.48	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz) Pinkish grey coarse grained massive pegmatitic Qtz rich PEG vein. Minor diss amp locally. No bio observed. No sulfides. Sharp immediate lower contact.	B74911 B74913	3 4.5	4.5 5.48	1.5 0.98	0.006 0.006	AGAT_FAICP AGAT_FAICP		
5.48	31.26	(AMP) Amphibolite, () Fine to coarse grained moderately foliated compositionally banded AMP. Coarse euhedral garnet bands are observed throughout the unit unevenly. Matrix is AMP dominate with minor bio feldspar. No Qtz observed in matrix but few small Qtz veins parallel to foliation observed unevenly throughout. Non magnetic. Few small thin white Qtz carb veinlets with weak to no alteration halo locally. Few cm scale carb veinlets with strong small green and white alteration halos. Trace coarse Py grains rarely.	B74914 B74915 B74916 B74917 B74919	5.48 6 7.5 9 10.5	6 7.5 9 10.5 12	0.52 1.5 1.5 1.5 1.5	0.003 0.003 0.004 0.003 0.011	AGAT_FAICP AGAT_FAICP AGAT_FAICP AGAT_FAICP AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			B74920	12	13.5	1.5	0.003	AGAT_FAICP		
			B74928	22.5	24	1.5	0.004	AGAT_FAICP		
			B74929	24	25.5	1.5	0.004	AGAT_FAICP		
			B74930	25.5	27	1.5	0.002	AGAT_FAICP		
			B74931	27	28.5	1.5	0.007	AGAT_FAICP		
			B74933	28.5	30	1.5	0.004	AGAT_FAICP		
			B74934	30	31.26	1.26	0.005	AGAT_FAICP		
			B74921	13.5	15	1.5	0.004	AGAT_FAICP		
			B74922	15	16.5	1.5	0.003	AGAT_FAICP		
			B74923	16.5	18	1.5	0.003	AGAT_FAICP		
			B74924	18	19.5	1.5	0.002	AGAT_FAICP		
			B74925	19.5	21	1.5	0.003	AGAT_FAICP		
			B74927	21	22.5	1.5	0.004	AGAT_FAICP		
31.26	48.80	(FGC) Felsic Gneiss Conglomerate, ()	B74935	31.26	31.6	0.34	0.007	AGAT_FAICP		
		Fine to medium grained moderately to strongly foliated conglomeratic FGC. Pebble to cobble sized clasts within a clast supported conglom. Intermediate matrix consists of variable amounts of Amp bio felds and minor Qtz. Trace Py and Po observed locally. Locally folding and boundinage. Several grey massive clean QVs parallel to foliation throughout. Felsic igneous clasts and more mafic Amp clasts. Banding within the matrix may be stretched alternating pebble clasts or variable fine laminations. Few small Qtz carb veinlets observed with weak pink and bleached alteration halo.	B74936	31.6	32	0.4	0.004	AGAT_FAICP		
			B74937	32	33.5	1.5	0.007	AGAT_FAICP		
			B74939	33.5	35	1.5	0.01	AGAT_FAICP		
			B74940	35	36.5	1.5	0.005	AGAT_FAICP		
			B74941	36.5	38	1.5	0.006	AGAT_FAICP		
			B74949	47	48.5	1.5	0.014	AGAT_FAICP		
			B74942	38	39.5	1.5	0.006	AGAT_FAICP		
			B74943	39.5	41	1.5	0.009	AGAT_FAICP		
			B74944	41	42.5	1.5	0.013	AGAT_FAICP		
			B74945	42.5	44	1.5	0.014	AGAT_FAICP		
			B74947	44	45.5	1.5	0.032	AGAT_FAICP		
			B74948	45.5	47	1.5	0.008	AGAT_FAICP		
48.80	49.11	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke								
		Fine grained massive xenolith rich magnetic dark grey LAMP. Sharp immediate upper and lower contacts. No sulfides. Minor carbonates. Xenoliths are unevenly distributed.								
49.11	55.94	(FGC) Felsic Gneiss Conglomerate, ()	B74950	48.5	50	1.5	0.011	AGAT_FAICP		
		Fine to medium grained moderately to strongly foliated conglomeratic FGC. Pebble to cobble sized clasts within a clast supported conglom. Intermediate matrix consists of variable	B74951	50	51.5	1.5	0.011	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		amounts of Amp bio felds and minor qtz. Trace Py and Po observed locally. Locally folding and boundinage. Several grey massive clean QVs parallel to foliation throughout. Felsic igneous clasts and more mafic Amp clasts. Banding within the matrix may be stretched alternating pebble clasts or variable fine laminations. Few small qtz carb veinlets observed with weak pink and bleached alteration halo.	B74953	51.5	53	1.5	0.013	AGAT_FAICP		
			B74954	53	54.5	1.5	0.009	AGAT_FAICP		
			B74955	54.5	55.94	1.44	0.017	AGAT_FAICP		
55.94	62.63	(FGS) Felsic Gneiss Sedimentary, ()	B74956	55.94	57	1.06	0.006	AGAT_FAICP		
		Fine to medium grained moderately foliated grey compositionally banded FGS. Compositional banding is observed as short sections seem to be weakly to moderately conglomeratic with gradual diffuse contacts. feldspar amp bio and qtz make up the fine to medium grained matrix. No sulfides observed. Several small grey barren QVs parallel to foliation. Locally folded with tight assymetric folding and boundins. Several small white veinlets with weak to moderate bleached alteration halos.	B74957	57	58	1	0.005	AGAT_FAICP		
			B74959	58	59	1	0.009	AGAT_FAICP		
			B74960	59	60.5	1.5	0.009	AGAT_FAICP		
			B74961	60.5	62	1.5	0.006	AGAT_FAICP		
			B74962	62	62.63	0.63	0.004	AGAT_FAICP		
62.63	63.94	(FGC) Felsic Gneiss Conglomerate, ()	B74963	62.63	63.94	1.31	0.016	AGAT_FAICP		
		Fine to medium grained moderately to strongly foliated conglomeratic FGC. Pebble to cobble sized clasts within a clast supported conglom. Intermediate matrix consists of variable amounts of Amp bio felds and minor qtz. Trace Py and Po observed locally. Locally folding and boundinage. Several grey massive clean QVs parallel to foliation throughout. Felsic igneous clasts and more mafic Amp clasts. Banding within the matrix may be stretched alternating pebble clasts or variable fine laminations. Few small qtz carb veinlets observed with weak pink and bleached alteration halo.								
63.94	70.91	(FGS) Felsic Gneiss Sedimentary, ()	B74964	63.94	65	1.06	0.009	AGAT_FAICP		
		Fine to medium grained moderately foliated grey compositionally banded FGS. Compositional banding is observed as short sections seem to be weakly to moderately conglomeratic with gradual diffuse contacts. Fledspar amp bio and qtz make up the fine to medium grained matrix. No sulfides observed. Several small grey barren QVs parallel to foliation. Locally folded with tight assymetric folding and boundins. Several small white veinlets with weak to moderate bleached alteration halos.	B74965	65	66.5	1.5	0.007	AGAT_FAICP		
			B74967	66.5	68	1.5	0.005	AGAT_FAICP		
			B74968	68	69.5	1.5	0.008	AGAT_FAICP		
			B74969	69.5	70.91	1.41	0.004	AGAT_FAICP		
70.91	72.85		(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	B74970	70.91	72	1.09	0.004	AGAT_FAICP	
		Fine grained compositionally banded xenolith rich magnetic dark grey LAMP dyke. Minor carbonate minerals locally. Xenolith abundances varies resulting in compositional banding. Several small carbonate veinlets. Sharp immediate upper and lower contacts. No sulfides.								
72.85	85.80	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	B74973	72.85	74	1.15	0.002	AGAT_FAICP		
		Fine grained and fine to medium grained sections of moderately foliated locally folded biotite rich intermediate AMP. Fine grained sections have less biotite than the more medium grained sections. Slightly compositional banding observed as bio amp and feldspar varies.	B74974	74	75.5	1.5	0.004	AGAT_FAICP		
			B74975	75.5	77	1.5	0.005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
Several small deformed QVs parallel to foliation. Several medium to large deformed QF veins. No sulfides observed. Non magnetic. Coarse grained sections locally. Sharp immediate upper and lower contacts.			B74976	77	78.5	1.5	0.003	AGAT_FAICP		
			B74977	78.5	80	1.5	0.002	AGAT_FAICP		
			B74979	80	81.5	1.5	0.004	AGAT_FAICP		
			B74980	81.5	83	1.5	0.003	AGAT_FAICP		
			B74981	83	84.5	1.5	0.003	AGAT_FAICP		
			B74982	84.5	85.8	1.3	0.004	AGAT_FAICP		
85.80	87.70	(UMD) UMLAMP Dyke, (LAMPD) UMD - Lamprophyre Dyke	B74983	85.8	87	1.2	0.006	AGAT_FAICP		
Fine grained compositionally banded xenolith rich magnetic dark grey LAMP dyke. Minor carbonate minerals locally. Xenolith abundances varies resulting in compositional banding. Several small carbonate veinlets. Sharp immediate upper and lower contacts. No sulfides. Coarse and fine subrounded xenoliths.			B74984	87	87.7	0.7	0.011	AGAT_FAICP		
87.70	89.43	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	B74985	87.7	88.5	0.8	0.012	AGAT_FAICP		
Fine to medium grained moderately foliated biotite rich intermediate AMP. Slight compositional banding observed as bio amp and feldspar varies. Several small deformed QVs parallel to foliation. No sulfides observed. Non magnetic. Coarse grained sections locally. Sharp immediate upper and lower contacts. Passive folding along lower contact with PEG.			B74987	88.5	89.43	0.93	0.003	AGAT_FAICP		
89.43	90.11	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	B74988	89.43	90.11	0.68	0.009	AGAT_FAICP		
Massive granitic pink and white PEG vein. Deformed biotite rich contacts. No sulfides. Non magnetic. Immediate upper and lower contacts.										
90.11	93.56	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	B74989	90.11	91	0.89	0.003	AGAT_FAICP		
Fine to medium grained moderately foliated grey intermediate AMP. Equigranular. Not banded. Compositionally verging on Amp rich FGS. No sulfides. Non magnetic. Sharp immediate upper and lower contacts. Few small qtz carb veinlets with weak alteration halos. Several small and medium cm scale QF and PEG veins.			B74990	91	92	1	0.003	AGAT_FAICP		
			B74991	92	93	1	0.004	AGAT_FAICP		
			B74993	93	93.56	0.56	0.011	AGAT_FAICP		
93.56	94.21	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	B74994	93.56	94.21	0.65	0.004	AGAT_FAICP		
Massive granitic pink and white PEG vein. Deformed contacts. No sulfides. Non magnetic. Immediate upper and lower contacts.										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
94.21	96.43	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) Fine to medium grained moderately foliated grey intermediate AMP. slightly inequigranular and weakly banded. Compositionally verging on Amp rich FGS. No sulfides. Non magnetic. Sharp immediate upper contact. Gradual short lower contact. Few small qtz carb veinlets with weak alteration halos. Several small and medium cm scale QF and PEG veins.	B74995	94.21	95	0.79	0.002	AGAT_FAICP		
			B74996	95	96	1	0.008	AGAT_FAICP		
			B74997	96	96.43	0.43	0.004	AGAT_FAICP		
96.43	97.33	(FGS) Felsic Gneiss Sedimentary, () Medium grained moderately foliated compositionally banded Amp rich FGS. Bands with medium grained Amp crystals are observed with depletion halos. Minor QF veining. Sharp immediate lower contact. Short gradual upper contact. No sulfides. Non magnetic.	B74999	96.43	97.33	0.9	0.02	AGAT_FAICP		
97.33	98.17	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Fine grained compositionally banded xenolith rich magnetic dark grey LAMP dyke. Minor carbonate minerals locally. Xenolith abundances varies resulting in compositional banding. Several small carbonate veinlets. Sharp immediate upper and lower contacts. No sulfides. Coarse and fine subrounded xenoliths.	B75000	97.33	98.17	0.84	0.003	AGAT_FAICP		
98.17	102.44	(FGS) Felsic Gneiss Sedimentary, () Fine to medium grained moderately foliated moderately banded Amp rich FGS. Compositional banding observed an Amp content and grain size varies. Several cm scale QF veins parallel to foliation. Few large PEG veins oblique to foliation. No sulfides. Non magnetic. Inequigranular. Sharp immediate upper and lower contacts.	Z21701	98.17	99	0.83	0.014	AGAT_FAICP		
			Z21702	99	100	1	0.008	AGAT_FAICP		
			Z21703	100	101	1	0.031	AGAT_FAICP		
			Z21704	101	101.43	0.43	0.003	AGAT_FAICP		
			Z21705	101.43	101.77	0.34	0.002	AGAT_FAICP		
			Z21707	101.77	102.44	0.67	0.007	AGAT_FAICP		
102.44	103.43	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Massive granitic pink and white PEG vein. Deformed contacts. No sulfides. Non magnetic. Immediate upper and lower contacts. Small Lamp dyke within the middle of it.	Z21708	102.44	102.83	0.39	0.004	AGAT_FAICP		
			Z21709	102.83	103.43	0.6	0.004	AGAT_FAICP		
103.43	105.22	(FGS) Felsic Gneiss Sedimentary, () Fine grained strongly foliated equigranular amp rich FGS. Locally folded. Likely boudinaged. Sharp immediate upper and lower contacts. No sulfides. Non magnetic.	Z21710	103.43	104	0.57	0.003	AGAT_FAICP		
			Z21711	104	105.22	1.22	0.015	AGAT_FAICP		
105.22	107.25	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	Z21713	105.22	106	0.78	0.02	AGAT_FAICP		
			Z21714	106	107.25	1.25	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Massive granitic pink PEG vein. Deformed biotite rich contacts. No sulfides. Non magnetic. Immediate upper and lower contacts. Minor coarse bio within vein.								
107.25	108.77	(FGS) Felsic Gneiss Sedimentary, ()	Z21715	107.25	108	0.75	0.004	AGAT_FAICP		
		Fine to medium grained strongly foliated equigranular amp rich FGS. Sharp immediate upper and lower contacts. No sulfides. Non magnetic. QF veining throughout. Short gradual lower contact with lower Amp defined by a small PEG vein.	Z21716	108	108.77	0.77	0.006	AGAT_FAICP		
108.77	111.31	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	Z21717	108.77	110	1.23	0.007	AGAT_FAICP		
		Fine to medium grained moderately foliated biotite rich intermediate AMP. Slight compositional banding observed as bio amp and feldspar varies. No sulfides observed. Non magnetic. Sharp immediate upper and lower contacts. Gradual upper contact defined by a PEG.	Z21719	110	111.31	1.31	0.004	AGAT_FAICP		
111.31	112.50	(PEG, UMD) Pegmatite, UMLAMP Dike, (PEGGR) Granitic Pegmatite (<50% quartz)	Z21720	111.31	112.5	1.19	0.022	AGAT_FAICP		
		Half magnetic lamp and granitic PEG vein. Sharp immediate upper and lower contacts. No sulfides.								
112.50	113.20	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	Z21721	112.5	113.2	0.7	0.004	AGAT_FAICP		
		Fine to medium grained moderately foliated biotite rich intermediate AMP. Slight compositional banding observed as bio amp and feldspar varies. No sulfides observed. Non magnetic. Sharp immediate upper and lower contacts. Gradual upper contact defined by a PEG.								
113.20	114.00	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	Z21722	113.2	114	0.8	0.006	AGAT_FAICP		
		Fine to medium grained compositionally banded moderately magnetic continuation of the previous LAMP dyke. Xenolith and grain size define banding. Sharp upper and lower contacts. No sulfides.								
114.00	115.12	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	Z21723	114	115.12	1.12	0.003	AGAT_FAICP		
		Coarse to very coarse grained massive granitic PEG vein. Minor to trace bio. Sharp upper and lower LAMP dyke contacts. No sulfides.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
115.12	116.27	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) Fine to medium grained moderately foliated biotite rich intermediate AMP. Slight compositional banding observed as bio amp and feldspar varies. No sulfides observed. Non magnetic. Sharp immediate upper and lower contacts. Locally tight F1 folding observed	Z21724	115.12	116.27	1.15	0.022	AGAT_FAICP		
116.27	117.19	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Coarse to very coarse grained massive granitic PEG vein. Minor to trace bio. Sharp upper and lower contacts. No sulfides.	Z21725	116.27	117.19	0.92	0.011	AGAT_FAICP		
117.19	118.95	(FGS) Felsic Gneiss Sedimentary, () Medium to coarse grained moderately foliated Amp rich grey and black FGS. Medium to coarse subhedral Amp crystals observed throughout unevenly. Locally melt texture observed. Feldspar Amp Qtz and bio make up the inequigranular non porphyritic matrix. Short diffuse lower contact. Sharp immediate upper contact. No sulfides. Non magnetic.	Z21727 Z21728	117.19 118	118 118.95	0.81 0.95	0.004 0.004	AGAT_FAICP AGAT_FAICP		
118.95	119.80	(AMP) Amphibolite, () Fine to medium grained weakly foliated slightly compositionally banded mafic AMP. Few small bands of feldspar observed locally. Minor feldspar within the matrix. No sulfides. Non magnetic. Short gradual upper contact. Sharp immediate lower contacts..	Z21729	118.95	119.8	0.85	0.01	AGAT_FAICP		
119.80	120.10	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Coarse to very coarse grained massive granitic PEG vein. Minor to trace bio. Sharp upper and lower contacts. No sulfides.	Z21730	119.8	120.1	0.3	0.226	AGAT_FAICP		
120.10	120.70	(AMP) Amphibolite, () Fine to medium grained moderately foliated intermediate AMP. Slight compositional banding observed as bio amp and feldspar vary. No sulfides observed. Non magnetic. Sharp immediate upper and lower contacts. Locally tight F1 folding observed.	Z21731	120.1	120.7	0.6	0.021	AGAT_FAICP		
120.70	124.10	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Coarse to very coarse grained pink and grey compositionally banded PEG. Upper section is Qtz rich and lower section has more feldspar. Middle of the vein is broken disks of core. Lower contact with LAMP dyke is immediate with an increased abundance of dark grey veinlets closer to the contact. No sulfides. Non magnetic.	Z21733 Z21734 Z21735	120.7 122 123	122 123 124.1	1.3 1 1.1	0.014 0.008 0.078	AGAT_FAICP AGAT_FAICP AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
124.10	126.00	(UMD) UMLAMP Di ke, (LAMPD) UMD - Lamprophyre Dyke Fine to coarse grained compositionally banded moderately magnetic LAMP dyke. Xenolith and grain size define banding. Sharp upper and lower contacts. No sulfides. Xenolith rich.	Z21736	124.1	125	0.9	0.004	AGAT_FAICP		
			Z21737	125	126	1	0.005	AGAT_FAICP		
126.00	126.82	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) Fine to medium grained moderately foliated biotite rich intermediate AMP. Slight compositional banding observed as bio amp and feldspar varies. No sulfides observed. Non magnetic. Sharp immediate upper and lower contacts. Locally feldspar rich veining parallel to foliation.	Z21739	126	126.82	0.82	0.092	AGAT_FAICP		
126.82	128.50	(UMD) UMLAMP Di ke, (LAMPD) UMD - Lamprophyre Dyke Fine to medium grained compositionally banded moderately magnetic LAMP dyke. Xenolith and grain size define banding. Sharp upper and lower contacts. No sulfides.	Z21740	126.82	128	1.18	0.006	AGAT_FAICP		
			Z21741	128	128.5	0.5	0.01	AGAT_FAICP		
128.50	133.26	(AMP) Amphibolite, () Fine to medium grained moderately foliated intermediate AMP. Slight compositional banding observed as amp feldspar and bio varies. No sulfides observed. Non magnetic. Sharp immediate upper and lower contacts. Locally feldspar rich veining parallel to foliation. One small light pinkish grey PEG vein. Minor weak folding locally.	Z21742	128.5	129	0.5	0.006	AGAT_FAICP		
			Z21743	129	130	1	0.011	AGAT_FAICP		
			Z21744	130	131	1	0.008	AGAT_FAICP		
			Z21745	131	132	1	0.012	AGAT_FAICP		
			Z21747	132	133.26	1.26	0.012	AGAT_FAICP		
133.26	134.87	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Coarse to very coarse grained pink and grey PEG. No sulfides. Non magnetic. Immediate upper and lower contacts. Minor coarse biotite throughout.	Z21748	133.26	134	0.74	0.035	AGAT_FAICP		
			Z21749	134	134.87	0.87	0.062	AGAT_FAICP		
134.87	137.10	(UMD) UMLAMP Di ke, (LAMPD) UMD - Lamprophyre Dyke Fine to medium grained compositionally banded moderately magnetic LAMP dyke. Xenolith and grain size define banding. Sharp upper and lower contacts. No sulfides.	Z21750	134.87	136	1.13	0.008	AGAT_FAICP		
			Z21751	136	137.1	1.1	0.007	AGAT_FAICP		
137.10	152.18	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Coarse to very coarse grained pink and grey PEG. No sulfides. Non magnetic. Immediate upper and lower contacts. Minor coarse biotite throughout.	Z21753	137.1	138	0.9	0.007	AGAT_FAICP		
			Z21754	138	139.5	1.5	0.008	AGAT_FAICP		
			Z21755	139.5	141	1.5	0.003	AGAT_FAICP		
			Z21756	141	142.5	1.5	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			Z21757	142.5	144	1.5	0.002	AGAT_FAICP		
			Z21759	144	145.5	1.5	0.002	AGAT_FAICP		
			Z21760	145.5	147	1.5	0.002	AGAT_FAICP		
			Z21761	147	148.5	1.5	0.002	AGAT_FAICP		
			Z21762	148.5	150	1.5	0.002	AGAT_FAICP		
			Z21763	150	151.5	1.5	0.002	AGAT_FAICP		
			Z21764	151.5	152.18	0.68	0.002	AGAT_FAICP		
152.18	152.70	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	Z21765	152.18	152.7	0.52	0.003	AGAT_FAICP		
		Fine to medium grained compositionally banded moderately magnetic LAMP. Xenolith and grain size define banding. Sharp upper and lower contacts. No sulfides.								
152.70	154.18	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	Z21767	152.7	154.18	1.48	0.002	AGAT_FAICP		
		Coarse to very coarse grained pink and grey PEG. No sulfides. Non magnetic. Immediate upper and lower contacts. Minor coarse biotite throughout.								
154.18	154.49	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	Z21768	154.18	154.49	0.31	0.004	AGAT_FAICP		
		Fine to coarse grained moderately foliated strained porphyroblastic garnet rich grey FGS. Short biotite rich immediate contacts. No sulfides. Non magnetic. Fine to coarse bio within a feldspar qtz rich matrix with coarse porphyroblastic garnets.								
154.49	155.15	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	Z21769	154.49	155.15	0.66	0.003	AGAT_FAICP		
		Coarse to very coarse grained pink and grey PEG. No sulfides. Non magnetic. Immediate upper and lower contacts. Minor coarse biotite throughout.								
155.15	156.55	(AMP) Amphibolite, ()	Z21770	155.15	156.55	1.4	0.003	AGAT_FAICP		
		Fine to coarse grained moderately foliated strained porphyroblastic garnet rich greenish grey Amp. Short biotite rich immediate contacts. No sulfides. Non magnetic. Fine to coarse bio within a amp feldspar and qtz rich matrix with coarse porphyroblastic garnets. Locally folded and boundinaged with passive folding along the contacts.								
156.55	158.40	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	Z21771	156.55	157.5	0.95	0.002	AGAT_FAICP		
			Z21773	157.5	158.4	0.9	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		Coarse to very coarse grained pink and grey PEG. No sulfides. Non magnetic. Immediate upper and lower contacts. Minor coarse biotite throughout.								
158.40	159.07	(UMD) UMLAMP Dikey, (LAMPD) UMD - Lamprophyre Dyke	Z21774	158.4	159.07	0.67	0.007	AGAT_FAICP		
		Fine to coarse grained compositionally banded moderately magnetic LAMP dyke. Xenolith and grain size define banding. Sharp upper and lower contacts. No sulfides. Xenolith rich.								
159.07	160.85	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	Z21775	159.07	160	0.93	0.012	AGAT_FAICP		
		Coarse to very coarse grained pink and grey PEG. No sulfides. Non magnetic. Immediate upper and lower contacts. Minor coarse biotite throughout.	Z21776	160	160.85	0.85	0.002	AGAT_FAICP		
160.85	161.36	(UMD) UMLAMP Dikey, (LAMPD) UMD - Lamprophyre Dyke	Z21777	160.85	161.36	0.51	0.002	AGAT_FAICP		
		Fine to coarse grained compositionally banded moderately magnetic LAMP dyke. Xenolith and grain size define banding. Sharp upper and lower contacts. No sulfides. Xenolith rich.								
161.36	164.30	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	Z21779	161.36	162	0.64	0.002	AGAT_FAICP		
		Coarse to very coarse grained pink and grey PEG. No sulfides. Non magnetic. Immediate upper and lower contacts. Minor coarse biotite throughout.	Z21780	162	163	1	0.002	AGAT_FAICP		
			Z21781	163	164.3	1.3	0.003	AGAT_FAICP		
164.30	168.90	(AMP) Amphibolite, ()	Z21782	164.3	165	0.7	0.055	AGAT_FAICP		
		Fine grained moderately to strongly foliated equigranular green AMP. No sulfides. Non magnetic. Biotite rich locally. Sharp immediate upper and lower contacts. Increased feldspar locally.	Z21783	165	166	1	0.014	AGAT_FAICP		
			Z21784	166	167	1	0.004	AGAT_FAICP		
			Z21785	167	168	1	0.004	AGAT_FAICP		
			Z21787	168	168.9	0.9	0.005	AGAT_FAICP		
168.90	170.10	(UMD) UMLAMP Dikey, (LAMPD) UMD - Lamprophyre Dyke	Z21788	168.9	170.1	1.2	0.004	AGAT_FAICP		
		Fine to coarse grained compositionally banded moderately magnetic LAMP dyke. Xenolith and grain size define banding. Sharp upper and lower contacts. No sulfides. Xenolith rich.								
170.10	171.70	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	Z21789	170.1	170.82	0.72	0.006	AGAT_FAICP		
		Fine to medium grained moderately foliated intermediate AMP. Slight compositional banding observed as amp feldspar and bio varies. No sulfides observed. Non magnetic. Sharp	Z21790	170.82	171.7	0.88	0.004	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		immediate upper and lower contacts. Locally feldspar rich veining parallel to foliation. Few small sections verg on amp rich FGS.								
171.70	172.05	(UMD) UMLAMP Dyke, (LAMPD) UMD - Lamprophyre Dyke	Z21791	171.7	172.05	0.35	0.005	AGAT_FAICP		
		Fine grained massive greenish grey LAMP dyke. Large rounded xenolith rich. Sharp upper and lower contacts. No sulfides.								
172.05	172.65	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	Z21793	172.05	172.65	0.6	0.006	AGAT_FAICP		
		Fine to medium grained moderately foliated intermediate AMP. Slight compositional banding observed as amp feldspar and bio varies. No sulfides observed. Non magnetic. Sharp immediate upper and lower contacts. Weak alteration halo around LAMP dyke contacts.								
172.65	173.85	(UMD) UMLAMP Dyke, (LAMPD) UMD - Lamprophyre Dyke	Z21794	172.65	173.85	1.2	0.004	AGAT_FAICP		
		Fine to coarse grained compositionally banded moderately magnetic LAMP dyke. Xenolith and grain size define banding. Sharp upper and lower contacts. No sulfides. Xenolith rich.								
173.85	177.48	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	Z21795	173.85	175	1.15	0.004	AGAT_FAICP		
		Fine to medium grained moderately foliated intermediate AMP. Slight compositional banding observed as amp feldspar and bio varies. No sulfides observed. Non magnetic. Sharp immediate upper and lower contacts. Locally feldspar rich veining parallel to foliation. Few small sections verg on amp rich FGS. One small QF vein within the unit.	Z21796	175	176	1	0.004	AGAT_FAICP		
	Z21797		176	177	1	0.005	AGAT_FAICP			
	Z21799		177	177.48	0.48	0.005	AGAT_FAICP			
177.48	191.70	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	Z21800	177.48	178	0.52	0.015	AGAT_FAICP		
		Massive pink granitic PEG vein with locally high concentrations of po and py. Tourmaline observed locally and semi confirmed within the XRF. Sharp immediate upper and lower contacts. Coarse biotite throughout.	Z21801	178	179.5	1.5	0.011	AGAT_FAICP		
	Z21802		179.5	181	1.5	0.003	AGAT_FAICP			
	Z21803		181	182.5	1.5	0.002	AGAT_FAICP			
	Z21804		182.5	184	1.5	0.003	AGAT_FAICP			
	Z21805		184	185.5	1.5	0.003	AGAT_FAICP			
	Z21807		185.5	187	1.5	0.003	AGAT_FAICP			
	Z21808		187	188.5	1.5	0.005	AGAT_FAICP			
	Z21809		188.5	190	1.5	0.009	AGAT_FAICP			
	Z21810		190	191	1	0.005	AGAT_FAICP			
	Z21811		191	191.7	0.7	0.006	AGAT_FAICP			

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
191.70	224.56	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	Z21813	191.7	193	1.3	0.012	AGAT_FAICP		
			Z21814	193	194.5	1.5	0.009	AGAT_FAICP		
		Fine to coarse grained moderately foliated porphyroblastic FGSGB. Medium to coarse grained garnet porphyroblasts throughout. Minor QF veining locally associated with po and py mineralization. Vuggy in one small intersection. Few small PEG veins. Minor Amp throughout. Sharp immediate upper contact. Moderately magnetic locally. Several small white carb and qtz carb veinlets with weak to moderate alteration halos throughout.	Z21815	194.5	196	1.5	0.005	AGAT_FAICP		
			Z21816	196	197	1	0.007	AGAT_FAICP		
			Z21817	197	198	1	0.048	AGAT_FAICP		
			Z21819	198	199	1	0.017	AGAT_FAICP		
			Z21841	221	222	1	0.005	AGAT_FAICP		
			Z21842	222	223	1	0.004	AGAT_FAICP		
			Z21843	223	224	1	0.004	AGAT_FAICP		
			Z21844	224	224.56	0.56	0.003	AGAT_FAICP		
			Z21834	215	216	1	0.004	AGAT_FAICP		
			Z21835	216	217.03	1.03	0.008	AGAT_FAICP		
			Z21836	217.03	218	0.97	0.003	AGAT_FAICP		
			Z21837	218	219	1	0.002	AGAT_FAICP		
			Z21839	219	220	1	0.003	AGAT_FAICP		
			Z21840	220	221	1	0.003	AGAT_FAICP		
			Z21827	208	209	1	0.005	AGAT_FAICP		
			Z21828	209	210.5	1.5	0.005	AGAT_FAICP		
			Z21829	210.5	212	1.5	0.003	AGAT_FAICP		
			Z21830	212	213.5	1.5	0.007	AGAT_FAICP		
			Z21831	213.5	214	0.5	0.005	AGAT_FAICP		
			Z21833	214	215	1	0.008	AGAT_FAICP		
			Z21820	199	200.5	1.5	0.013	AGAT_FAICP		
			Z21821	200.5	202	1.5	0.003	AGAT_FAICP		
			Z21822	202	203.5	1.5	0.007	AGAT_FAICP		
			Z21823	203.5	205	1.5	0.008	AGAT_FAICP		
			Z21824	205	206.5	1.5	0.01	AGAT_FAICP		
			Z21825	206.5	208	1.5	0.003	AGAT_FAICP		
224.56	225.06	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	Z21845	224.56	225.06	0.5	0.002	AGAT_FAICP		
		Pink and white; cvcg; no significant alteration; minor inclusions of 2% BIO define a weak-moderate PGM texture; BIO inclusions host trace amts (overall) of fg AGR GRT; melt textured; no sig min; sharp lower contact measured at a56 b350								

225.06 264.12 (FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI +

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		garnets below the gold zone	Z21847	225.06	226	0.94	0.003	AGAT_FAICP		
		Grey to dark grey; fcg; moderately silica overprinted; lcl sections of weak-moderate patchy POT alteration throughout; variable abundances of POB GRT throughout ranging in size from 1mm to 1cm in diameter; overall 4-5% GRT; 8-10% BIO defines foliation measured at 247.49m with a60 b14; few other point structures observed including BOU-LA and FOD-AX1; few 10-20cm PEGGR veins cut unit generally concordant to overall foliation; well-developed QZE texture defined by subrounded to angular QZ-FSP phenocrysts from 238.43-239.85m; two small UMD-LAMPD dykes cut unit sub-parallel to foliation with larger of two occurring at 259.26-259.42m with upper cnct a15 b322 and lower cnct a45 b300; variable amounts of sulphide mineralization with lcl high-concentrations of PY and PO; overall 2% very-fine to medium-grained PY and 0.25% PO	Z21848	226	227	1	0.003	AGAT_FAICP		
			Z21849	227	228	1	0.004	AGAT_FAICP		
			Z21850	228	229	1	0.003	AGAT_FAICP		
			Z21851	229	230	1	0.003	AGAT_FAICP		
			Z21853	230	231	1	0.003	AGAT_FAICP		
			Z21889	259.5	261	1.5	0.004	AGAT_FAICP		
			Z21890	261	262	1	0.003	AGAT_FAICP		
			Z21891	262	263	1	0.004	AGAT_FAICP		
			Z21893	263	264.12	1.12	0.047	AGAT_FAICP		
			Z21882	254	255	1	0.003	AGAT_FAICP		
			Z21883	255	256	1	0.004	AGAT_FAICP		
			Z21884	256	257	1	0.003	AGAT_FAICP		
			Z21885	257	258	1	0.003	AGAT_FAICP		
			Z21887	258	259.2	1.2	0.004	AGAT_FAICP		
			Z21888	259.2	259.5	0.3	0.003	AGAT_FAICP		
			Z21875	248	249	1	0.005	AGAT_FAICP		
			Z21876	249	250	1	0.01	AGAT_FAICP		
			Z21877	250	251	1	0.006	AGAT_FAICP		
			Z21879	251	252	1	0.011	AGAT_FAICP		
			Z21880	252	253	1	0.016	AGAT_FAICP		
			Z21881	253	254	1	0.012	AGAT_FAICP		
			Z21868	242	243	1	0.002	AGAT_FAICP		
			Z21869	243	244.5	1.5	0.002	AGAT_FAICP		
			Z21870	244.5	245.8	1.3	0.002	AGAT_FAICP		
			Z21871	245.8	246.1	0.3	0.002	AGAT_FAICP		
			Z21873	246.1	247	0.9	0.008	AGAT_FAICP		
			Z21874	247	248	1	0.005	AGAT_FAICP		
			Z21861	236	237	1	0.003	AGAT_FAICP		
			Z21862	237	238	1	0.003	AGAT_FAICP		
			Z21863	238	239	1	0.003	AGAT_FAICP		
			Z21864	239	240	1	0.002	AGAT_FAICP		
			Z21865	240	241	1	0.003	AGAT_FAICP		
			Z21867	241	242	1	0.003	AGAT_FAICP		
			Z21854	231	232	1	0.002	AGAT_FAICP		
			Z21855	232	233	1	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			Z21856	233	234	1	0.004	AGAT_FAICP		
			Z21857	234	234.92	0.92	0.003	AGAT_FAICP		
			Z21859	234.92	235.22	0.3	0.003	AGAT_FAICP		
			Z21860	235.22	236	0.78	0.003	AGAT_FAICP		
264.12	271.73	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	Z21894	264.12	265.35	1.23	0.015	AGAT_FAICP		
		Various shades of light and dark green with minor grey/dark grey sections; fcg; weakly silicified with lcl sections of moderate QZ-flooding; moderate banded texture defined by clotty mcg CPX and fmg AMP with minor QZ-CB stringers; lclly GRT POB defined by mcg elongate to rounded GRT porphyroblasts; variable sulphide mineralization with bulk of 3% PO min occuring in clotty CARB+CPX+AMP+GRT assemblages; minor 6cm smokey-grey QV2 hosting vcg patchy PO min from 268.20-268.26m; 1% PY min overall; lower contact is sharp but drawn to separate this more homogenous package of amphibolite from downhole FGS/AMP 50/50 split interval; contact measured between AMPIN and FGS with a64 b360	Z21895	265.35	266.4	1.05	0.003	AGAT_FAICP		
			Z21896	266.4	267	0.6	0.007	AGAT_FAICP		
			Z21897	267	267.88	0.88	0.004	AGAT_FAICP		
			Z21899	267.88	268.28	0.4	0.018	AGAT_FAICP		
			Z21900	268.28	269.14	0.86	0.042	AGAT_FAICP		
			Z21901	269.14	270	0.86	0.008	AGAT_FAICP		
			Z21902	270	271	1	0.006	AGAT_FAICP		
			Z21903	271	271.73	0.73	0.006	AGAT_FAICP		
271.73	276.06	(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	Z21904	271.73	272.23	0.5	0.002	AGAT_FAICP		
		Split 50/50 interval composed of garnet porphyroblastic FGS and banded AMPIN; contacts between units sharp and each unit distinct from one another; vcg "blown out" POB GRT hosted in FGSG unit dominantly with smaller mcg POB sub-rounded to rounded GRT hosted in AMPIN unit; minor PO min amp-hosted with minor vffg dissem PY min FGSG-hosted; sharo lower contact with AMP unit measured at a58 b21	Z21905	272.23	273.35	1.12	0.004	AGAT_FAICP		
			Z21907	273.35	274.34	0.99	0.003	AGAT_FAICP		
			Z21908	274.34	274.78	0.44	0.005	AGAT_FAICP		
			Z21909	274.78	275.26	0.48	0.002	AGAT_FAICP		
			Z21910	275.26	276.06	0.8	0.004	AGAT_FAICP		
276.06	276.38		(AMP) Amphibolite, ()	Z21911	276.06	276.38	0.32	0.008	AGAT_FAICP	
		Green; fmg; no sig alt; small 30cm sliver of AMP sanwiched between FGSG and downhole LAMP; moderate blueish RIE alteration towards both upper and lower contacts of unit with 2-3% cvcg POB grt throughout; 5-7% BIO weakly banded; no sig min; sharp lower contact with UMD-LAMPD measured at a27 b303								
276.38	276.74	(UMD) UMLAMP Dikey, (LAMPD) UMD - Lamprophyre Dyke	Z21913	276.38	276.74	0.36	0.002	AGAT_FAICP		
		Dark brown; vffg; fg rounded CARB phenocrysts/xenoliths define weak-moderate ppy texture; no sig min or alt; lower contact sharp measured at a33 b310								
276.74	303.22	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	Z21914	276.74	278	1.26	0.004	AGAT_FAICP		
		Green to light-green to white; fcg; weak lcl CARB alteration; relatively unaltered otherwise; 7-8% mcg to vcg POB/AGR GRT lclly elongate parallel to foliation plane; foliation moderate	Z21915	278	279.5	1.5	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments	
to lclly strong measured at 283.47 and 293.23m with a43 b327 and a58 b360 respectively; one FOD-AX1 observed and measured at 282.47m plunging 60 towards 094; variable but minimal PO min (1-3% lclly; 1% fmg patchy/dis overall); few barren QVZ veinlets cut unit concordant with overall foliation; minor alteration package from 300.27-300.59m defined by strong SER alteration essentially replacing host; contacts are sharp so likely an altered intrusive and are measured with same upper and lower contact a30 b164			Z21916	279.5	281	1.5	0.018	AGAT_FAICP			
			Z21917	281	282.5	1.5	0.01	AGAT_FAICP			
			Z21919	282.5	284	1.5	0.004	AGAT_FAICP			
			Z21934	300.27	300.59	0.32	0.007	AGAT_FAICP			
			Z21935	300.59	302	1.41	0.005	AGAT_FAICP			
			Z21936	302	303.22	1.22	0.006	AGAT_FAICP			
			Z21927	291.8	293	1.2	0.003	AGAT_FAICP			
			Z21928	293	294.5	1.5	0.006	AGAT_FAICP			
			Z21929	294.5	296	1.5	0.008	AGAT_FAICP			
			Z21930	296	297.5	1.5	0.005	AGAT_FAICP			
			Z21931	297.5	299	1.5	0.003	AGAT_FAICP			
			Z21933	299	300.27	1.27	0.003	AGAT_FAICP			
			Z21920	284	285.5	1.5	0.005	AGAT_FAICP			
			Z21921	285.5	287	1.5	0.005	AGAT_FAICP			
			Z21922	287	288.5	1.5	0.008	AGAT_FAICP			
			Z21923	288.5	290	1.5	0.005	AGAT_FAICP			
			Z21924	290	291.5	1.5	0.006	AGAT_FAICP			
			Z21925	291.5	291.8	0.3	0.003	AGAT_FAICP			
	303.22	303.75	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	Z21937	303.22	303.75	0.53	0.006	AGAT_FAICP		
			Dark brown; vfg; no sig min or alt; sharp upper and lower contacts with very low-angle intersections to core axis; upper cnct a15 b320 and lower cnct a10 b291								
303.75	319.05	(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, (AMPFW) Footwall Amphibolite	Z21939	303.75	305	1.25	0.003	AGAT_FAICP			
			Z21940	305	306	1	0.003	AGAT_FAICP			
			Z21941	306	307.5	1.5	0.004	AGAT_FAICP			
			Z21942	307.5	309	1.5	0.004	AGAT_FAICP			
			Z21943	309	310.5	1.5	0.005	AGAT_FAICP			
			Z21944	310.5	311.23	0.73	0.012	AGAT_FAICP			
			Z21953	317	318.5	1.5	0.011	AGAT_FAICP			
			Z21954	318.5	319.05	0.55	0.007	AGAT_FAICP			
			Z21945	311.23	312	0.77	0.003	AGAT_FAICP			
			Z21947	312	313	1	0.008	AGAT_FAICP			
			Z21948	313	314	1	0.004	AGAT_FAICP			
			Z21949	314	315	1	0.004	AGAT_FAICP			
					Grey to green; fcg; weak silicification; moderate patchy to wispy/strdis SER alteration throughout; variably GRT POB defined by mcg to vcg GRT lclly showing elongation parallel to foliation plane; foliation mod-strong measured at a62 b337; weak banded texture defined by mm-cm scale QZ-CB stringers; minor 1-2% fg PY min throughout; lcl PO mineralization 0.5% overall; sharp lower contact with UMD measured at a17 b74						

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			Z21950	315	316.09	1.09	0.004	AGAT_FAICP		
			Z21951	316.09	317	0.91	0.003	AGAT_FAICP		
319.05	319.87	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	Z21955	319.05	319.87	0.82	0.005	AGAT_FAICP		Dark brown; fmg; moderate POR texture defined by fmg round to angular FSP/CARB xenoliths/phenocrysts (appearance similar to amygdules); low angle contacts with host AMP; lower contact sharp measured at a18 b75; no sig min or alt
319.87	323.37	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	Z21956	319.87	321	1.13	0.004	AGAT_FAICP		Grey-green; fcg; weak silica overprinting; weakly GRT POB with 2-3% cg to vcg GRT defining texture; moderately foliated measured lclly at 322.32m with a64 b343
			Z21957	321	322	1	0.006	AGAT_FAICP		
			Z21959	322	323.37	1.37	0.003	AGAT_FAICP		
323.37	324.33	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	Z21960	323.37	324.33	0.96	0.002	AGAT_FAICP		Dark brown to dark grey; fcg; POB texture poorly developed defined by anhedral to subhedral angular to subrounded PF and CARB phenocrysts; no significant alteration or sulphide mineralization dyke-hosted; upper contact occurs acrpss broken/rubbly core with lower contact very sharp measured at a36 b180
324.33	327.71	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	Z21961	324.33	325.5	1.17	0.004	AGAT_FAICP		Green-grey; fcg; no sig alteration; minor FGS slivers perpendicular to core axis at non-cyclic intervals; POB texture weak-moderately defined by mcg to vcg POB GRT 4-5% with lcl GRT showing elongation along foliation plane; trace amts of fg dissem PY min; moderately defined lower contact with carbonate-rich UMD measured at a58 b310
			Z21962	325.5	327	1.5	0.011	AGAT_FAICP		
			Z21963	327	327.71	0.71	0.005	AGAT_FAICP		
327.71	329.04	(UMD) UMLAMP Dike, ()	Z21964	327.71	329.04	1.33	0.005	AGAT_FAICP		Beige to pale grey; fcg; strong carbonate component to dyke with vuggy calcite blades present halfway through interval; no sig mineralization; moderately carbonate altered; sharp lower contact measured at a64 b310
329.04	335.45	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	Z21965	329.04	330.53	1.49	0.004	AGAT_FAICP		Green to dark green; fcg; weak SER alt halos lclly around QZ-CB stringers; no pervasive silicification; moderate GRT POB (8-10%) with lcl GRT elongated parallel to weakly developed foliation plane; lcl sections dominated by cg light-green CPX (diopside/augite; 12-15% overall); minor FGS slivers intrude unit lclly; minor 0.5% fg dissem PY min; no sig PO min; sharp lower contact with UMD-LAMPD measured at a56 b333
			Z21967	330.53	332	1.47	0.006	AGAT_FAICP		
			Z21968	332	333.5	1.5	0.022	AGAT_FAICP		
			Z21969	333.5	335	1.5	0.216	AGAT_FAICP		
			Z21970	335	335.45	0.45	0.021	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
335.45	335.80	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	Z21971	335.45	335.8	0.35	0.008	AGAT_FAICP		
Dark brown; fg; no sig min or alt; sharp upper and lower contacts; lower cncnt a45 b311										
335.80	354.00	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	Z21973	335.8	337	1.2	0.021	AGAT_FAICP		
Grey-green; fcg; minor SER alt halos around mm-cm scale QZ-CB stringers; lclly weak patchy CL alteration; POB texture defined by 10-12% medium- to very-coarse-grained GRT; GRT lclly stretched parallel to foliation plane; foliation moderate-strong throughout measured lclly at 336.42m with a64 b338; one FOD-AX1 and AP1 measured at 340.59m plunging 45 towards 082 with AP1 measured with a50 b0/360; 2-3% fmg dissem PO min (lclly patchy) with 1-2% fmg dissem PY min; between 341-343m is a cyclic intrusion of FGS "dykes" all cutting concordant to foliation (no indication of folding) composing <1% of interval; FGS units silicified and host no sig min; EOH=354m										
			Z21974	337	338.5	1.5	0.005	AGAT_FAICP		
			Z21975	338.5	340	1.5	0.008	AGAT_FAICP		
			Z21976	340	341.3	1.3	0.008	AGAT_FAICP		
			Z21977	341.3	341.6	0.3	0.004	AGAT_FAICP		
			Z21979	341.6	342.1	0.5	0.024	AGAT_FAICP		
			Z21987	347.5	349	1.5	0.005	AGAT_FAICP		
			Z21988	349	350.5	1.5	0.004	AGAT_FAICP		
			Z21989	350.5	352	1.5	0.004	AGAT_FAICP		
			Z21990	352	353	1	0.004	AGAT_FAICP		
			Z21991	353	354	1	0.005	AGAT_FAICP		
			Z21980	342.1	342.9	0.8	0.003	AGAT_FAICP		
			Z21981	342.9	344	1.1	0.005	AGAT_FAICP		
			Z21982	344	345	1	0.003	AGAT_FAICP		
			Z21983	345	345.95	0.95	0.004	AGAT_FAICP		
			Z21984	345.95	346.34	0.39	0.006	AGAT_FAICP		
			Z21985	346.34	347.5	1.16	0.003	AGAT_FAICP		

Hole ID : RD19-00025

Project : Borden

Drilling Details :

Azimuth : 170
 Dip : -45
 Length : 351
 Drill Start : 14-Sep-2019
 Drill Completed : 19-Oct-2019
 Core Size : NQ
 Drill Company : Major
 Oriented Core : No

Location Details :

Easting : 340284
 Northing : 5302612
 Elevation : 442
 UTM Grid : NAD83_UTMZ17N_GPS
 Township : Borden
 Storage Location : Chapleau Ont

Logging Details :

Logged By : Clayton Peskleway
 Logged By 2 : Daniel.Rafuse
 Log Start : 10-Oct-2019
 Log Completed : 19-Oct-2019
 Re-Logged By :
 Re-Log Start :
 Re-Log Completed :

Comments : GPS details updated using waypoint averaging on Garmin hand-held unit.
 Clayton Peskleway logged 0-48.46m
 RD19-00025 Exhibited little to no alteration signatures. Repetition of FGS with variable background amphibole content and AMPIN with numerous sections of FGS which were most likely welded dacitic tuffs with pyroxenite lapilli and bombs due to the large fine grained aggregates of pyroxenes and amphiboles. Numerous Pegmatites were encountered which were likely migmatites based on their morphology. No significant shearing was encountered nor was sulphide content at any point higher than moderate. A short translucent QV from 290.14-292.40 with generally low sulphide content represented the best material available.

Dan Rafuse Logged 48.46m-351.00m EOH

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	5.40	(OB) Overburden, ()								
5.40	8.98	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D71170	5.4	6	0.6	0.01	AGAT_FAICP		
			D71171	6	7	1	0.001	AGAT_FAICP		
			D71173	7	8	1	0.003	AGAT_FAICP		
			D71174	8	8.98	0.98	0.002	AGAT_FAICP		
8.98	20.48	(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, (FGSMU) Muscovite-rich FGS	D71175	8.98	9.5	0.52	0.003	AGAT_FAICP		
			D71176	9.5	10.5	1	0.066	AGAT_FAICP		
			D71177	10.5	11.5	1	0.002	AGAT_FAICP		
			D71179	11.5	12.5	1	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
to fol			D71180	12.5	13.5	1	0.002	AGAT_FAICP		
			D71181	13.5	14.5	1	0.001	AGAT_FAICP		
			D71182	14.5	15.5	1	0.002	AGAT_FAICP		
			D71183	15.5	16.5	1	0.003	AGAT_FAICP		
			D71184	16.5	17.49	0.99	0.033	AGAT_FAICP		
			D71185	17.49	18.49	1	0.003	AGAT_FAICP		
			D71187	18.49	19.49	1	0.002	AGAT_FAICP		
			D71188	19.49	20.48	0.99	0.003	AGAT_FAICP		
20.48	20.86	(AMP) Amphibolite, ()	D71189	20.48	20.86	0.38	0.004	AGAT_FAICP		
		AMP: dark grey green; mod foliation 45-55dtca; 40% am; 3% mu; low sulphide min content; fairly sharp ct's w/ surrounding FGS intervals								
20.86	28.69	(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS	D71190	20.86	22	1.14	0.002	AGAT_FAICP		
		FGS: med to dk grey; mod to strong fol 45-55dtca; 2% discontinuous boudinaged med to dk gy qz vns w/ maximum width of 1.5cm; 4% bi w/ patchy distribution; 5% mu; 20% am; 2% ga porphyroblasts; 2% fg diss po from 27.32-28.12; trace of po elsewhere inc in qz vns & trace of py overall; weak ser alt & weak k spar alt both as haloes of fractures w/ varying orientations; broken core from 22.33-22.43 w/ 2 small gouges in this unoriented core: 22.33-22.34 (80dtca) & 22.4-22.41 (78dtca)	D71191	22	23	1	0.001	AGAT_FAICP		
			D71193	23	24	1	0.001	AGAT_FAICP		
			D71194	24	25	1	0.003	AGAT_FAICP		
			D71195	25	26	1	0.001	AGAT_FAICP		
			D71196	26	27	1	0.01	AGAT_FAICP		
			D71197	27	28	1	0.003	AGAT_FAICP		
			D71199	28	28.69	0.69	0.001	AGAT_FAICP		
28.69	29.75	(PEG, FGS) Pegmatite, Felsic Gneiss Sedimentary, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D71200	28.69	29	0.31	0.005	AGAT_FAICP		
		PEG: 65% med grey qz w/ pink & grey fsp; 3% bi; 2% mu; 3% am; PEG vns up to 30cm wd & prll to fol in area; 0.5% po w/ tiny po strs prll to fol; 15% medium grey FGSMU similar to one in interval above; ct's 52/56dtca prll to fol in surrounding intervals	D71201	29	29.75	0.75	0.004	AGAT_FAICP		
29.75	32.04	(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, (FGSMU) Muscovite-rich FGS	D71202	29.75	30.75	1	0.004	AGAT_FAICP		
		FGS: medium grey; weak to moderate fol 50-55dtca; 5% qz eyes up to 5mm dia; AMPIN from 31.61 to 31.73; 4% qz rich PEG vns up to 6cm wd prll to fol; 3% bi; 2% mu; 10% am; 0.1% py & 0.2% po to 31.58 then 0.5% py & 2% po from 31.58-32.04 including in tiny sulphide vns prll to fol; 4% ga porphyroblasts; weak ser & k spar alt as haloes of fractures w/ varying orientations; weak ep alt as haloes of fractures pll to fol	D71203	30.75	31.61	0.86	0.001	AGAT_FAICP		
			D71204	31.61	32.04	0.43	0.01	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
32.04	50.05	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	D71205	32.04	33	0.96	0.005	AGAT_FAICP		
AMP: dark green; moderate to strong foliation 50-60dta; 1% granitic to qz rich PEG vns up to ~1cm wd prll to fol; <1% boudinaged med to dk grey qz vns; 65% am mostly mg; 0.2% py; mod carbonate alt as small mostly discontinuous strs prll to fol; weak ser alt as perv as well as haloes of fractures w/ varying orientations			D71207	33	34	1	0.011	AGAT_FAICP		
			D71208	34	35	1	0.007	AGAT_FAICP		
			D71209	35	36	1	0.004	AGAT_FAICP		
			D71210	36	37	1	0.004	AGAT_FAICP		
			D71211	37	38	1	0.004	AGAT_FAICP		
			D71220	44	45	1	0.004	AGAT_FAICP		
			D71221	45	46	1	0.003	AGAT_FAICP		
			D71222	46	47	1	0.005	AGAT_FAICP		
			D71223	47	48	1	0.005	AGAT_FAICP		
			D71224	48	49	1	0.004	AGAT_FAICP		
			D71225	49	50.05	1.05	0.003	AGAT_FAICP		
			D71213	38	39	1	0.003	AGAT_FAICP		
			D71214	39	40	1	0.003	AGAT_FAICP		
			D71215	40	41	1	0.004	AGAT_FAICP		
			D71216	41	42	1	0.004	AGAT_FAICP		
D71217	42	43	1	0.003	AGAT_FAICP					
D71219	43	44	1	0.005	AGAT_FAICP					
50.05	55.17	(FGS) Felsic Gneiss Sedimentary, ()	D71227	50.05	51.55	1.5	0.005	AGAT_FAICP		
Fine grained FGS with occasional very fine garnet specimen. Low sulphide content with a few patches of pyrrhotite dominated. Thin migmatitic quartz veins present throughout with fine to med grained amphiboles. Weak sericitic/chloritic alteration via stringers and halos. Weak to moderate foliation fabric throughout. Thin QV2 veins crosscut the unit at high angle to core axis			D71228	51.55	52.87	1.32	0.002	AGAT_FAICP		
			D71229	52.87	54	1.13	0.0005	AGAT_FAICP		
			D71230	54	55.17	1.17	0.002	AGAT_FAICP		
			55.17	78.00	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	D71231	55.17	56.6	1.43	0.003
Amphibolite contains cm size aggregates of amphibole/cpx/garnet. Garnets range from fine to coarse grained and are red presumably almandine. Sulphide content is moderately low with pyrrhotite as the dominant variety Po 75/Py 25. Moderate sericitic alteration via bands crosscut the unit at moderate angle to core axis. Banded texture from 65.00-69.10 due to QV2 veins crosscutting at high angle to core axis along foliation fabric. Numerous boudinaged cpx aggregates. Foliation fabric is moderate throughout.			D71233	56.6	58	1.4	0.002	AGAT_FAICP		
			D71234	58	59.4	1.4	0.027	AGAT_FAICP		
			D71235	59.4	60.75	1.35	0.002	AGAT_FAICP		
			D71236	60.75	62.1	1.35	0.003	AGAT_FAICP		
			D71237	62.1	63.6	1.5	0.008	AGAT_FAICP		
			D71253	76.08	77.18	1.1	0.005	AGAT_FAICP		
			D71254	77.18	78	0.82	0.004	AGAT_FAICP		
			D71245	69.15	70.2	1.05	0.01	AGAT_FAICP		
D71247	70.2	71.45	1.25	0.006	AGAT_FAICP					

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D71248	71.45	72.77	1.32	0.007	AGAT_FAICP		
			D71249	72.77	74.1	1.33	0.006	AGAT_FAICP		
			D71250	74.1	75.12	1.02	0.049	AGAT_FAICP		
			D71251	75.12	76.08	0.96	0.009	AGAT_FAICP		
			D71239	63.6	64.8	1.2	0.004	AGAT_FAICP		
			D71240	64.8	65.46	0.66	0.01	AGAT_FAICP		
			D71241	65.46	66.47	1.01	0.005	AGAT_FAICP		
			D71242	66.47	67.27	0.8	0.003	AGAT_FAICP		
			D71243	67.27	68.12	0.85	0.01	AGAT_FAICP		
			D71244	68.12	69.15	1.03	0.01	AGAT_FAICP		
78.00	78.46	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D71255	78	78.46	0.46	0.003	AGAT_FAICP		Lamprophyre contains fine to medium sized carbonate amygdules. Upper and lower chill margins present.
78.46	88.25	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	D71256	78.46	79.84	1.38	0.004	AGAT_FAICP		Amphibolite contains cm size aggregates of amphibole/cpx/garnet. Garnets range from fine to coarse grained and are red presumably almandine. Sulphide content is modeartely low with pyrrhotite as the dominant variety Po 75/Py 25. Moderate sericitic alteration via bands corsscut the unit at moderate angle to core axis. Banded texture from 81.50-88.00ms due to QV2 veins crosscutting at high angle to core axis along foliation fabric. Numerous boudinaged cpx aggregates. Foliation fabric is moderate throughout.
			D71257	79.84	81.3	1.46	0.004	AGAT_FAICP		
			D71259	81.3	82.5	1.2	0.003	AGAT_FAICP		
			D71260	82.5	84	1.5	0.003	AGAT_FAICP		
			D71261	84	85	1	0.009	AGAT_FAICP		
			D71262	85	86.47	1.47	0.006	AGAT_FAICP		
			D71263	86.47	87.29	0.82	0.006	AGAT_FAICP		
			D71264	87.29	88.25	0.96	0.016	AGAT_FAICP		
88.25	89.00	(FGS) Felsic Gneiss Sedimentary, ()	D71265	88.25	89	0.75	0.011	AGAT_FAICP		Unit has a bleached appearance likely due to iron depletion. Weak banded appearance due to minor quartz veining along foliation fabric. Very low sulphide content. Moderate sericitic/potassic alteration via stringers and dissemination. Thin section of amphibolite at 88.75ms.
89.00	103.26	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	D71267	89	90.35	1.35	0.008	AGAT_FAICP		Amphibolite contains cm size aggregates of amphibole/cpx/garnet. Garnets range from fine to coarse grained and are red presumably almandine. Sulphide content is modeartely low with pyrrhotite as the dominant variety Po 75/Py 25. Moderate sericitic alteration via bands corsscut the unit at moderate angle to core axis. Ocassional boudinaged cpx aggregates. Foliation fabric is moderate throughout.
			D71268	90.35	91.72	1.37	0.004	AGAT_FAICP		
			D71269	91.72	93	1.28	0.006	AGAT_FAICP		
			D71270	93	94.27	1.27	0.005	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D71271	94.27	95.7	1.43	0.391	AGAT_FAICP		
			D71273	95.7	97.12	1.42	0.023	AGAT_FAICP		
			D71274	97.12	98.5	1.38	0.017	AGAT_FAICP		
			D71275	98.5	99.92	1.42	0.008	AGAT_FAICP		
			D71276	99.92	100.8	0.88	0.005	AGAT_FAICP		
			D71277	100.8	101.67	0.87	0.006	AGAT_FAICP		
			D71279	101.67	102.25	0.58	0.007	AGAT_FAICP		
			D71280	102.25	103.26	1.01	0.006	AGAT_FAICP		
103.26	105.11	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D71281	103.26	104.2	0.94	0.004	AGAT_FAICP		
		Fine to medium sized carbonate amygdules throughout. Brecciated section from 104.50-104.60ms with modertae - strong riebeckite content.	D71282	104.2	105.11	0.91	0.004	AGAT_FAICP		
105.11	110.62	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	D71283	105.11	106.36	1.25	0.003	AGAT_FAICP		
		Garnets range from fine to coarse grained and are red presumably almandine often concentrated into patches. Medium sized patches of amphibole/cpx. Sulphide content is modeartely low with pyrrhotite as the dominant variety Po 75/Py 25. Moderate sericitic alteration via bands corsscut the unit at moderate angle to core axis. Minor banded texture due to QV2 veins crosscutting at high angle to core axis along foliation fabric. Numerous boudinaged cpx aggregates. Foliation fabric is moderate throughout.	D71284	106.36	107.05	0.69	0.006	AGAT_FAICP		
			D71285	107.05	108.33	1.28	0.009	AGAT_FAICP		
			D71287	108.33	109.27	0.94	0.005	AGAT_FAICP		
			D71288	109.27	110.03	0.76	0.007	AGAT_FAICP		
			D71289	110.03	110.62	0.59	0.005	AGAT_FAICP		
110.62	111.73	(FGS) Felsic Gneiss Sedimentary, ()	D71290	110.62	111.73	1.11	0.003	AGAT_FAICP		
		FGS has gone under moderate iron depletion and has a bleached appearance. A few thin amphibolite slivers are contained within unit. Very low sulphide content.								
111.73	114.67	(AMP) Amphibolite, ()	D71291	111.73	112.6	0.87	0.005	AGAT_FAICP		
		Amphibolite contains cm size aggregates of amphibole/cpx/garnet. Garnets range from fine to coarse grained and are red presumably almandine. Sulphide content is modeartely low with pyrrhotite as the dominant variety Po 75/Py 25. Moderate sericitic alteration via bands corsscut the unit at moderate angle to core axis. Numerous thin QV2 veins crosscut the unit at high angle to core axis along foliation fabric producing a weak to moderate banded appearance. Numerous boudinaged cpx aggregates. Foliation fabric is moderate throughout. A few thin sections of FGS contained in lower metre of unit	D71293	112.6	113.59	0.99	0.005	AGAT_FAICP		
			D71294	113.59	114.15	0.56	0.005	AGAT_FAICP		
			D71295	114.15	114.67	0.52	0.008	AGAT_FAICP		
114.67	115.60	(FGS) Felsic Gneiss Sedimentary, ()	D71296	114.67	115.6	0.93	0.003	AGAT_FAICP		
		FGS contains quartz flooding/veining from what appears to be a migmatitic signature due to the fine to medium grained pegmatitic texture of massive quartz/plag. Very low sulphide								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		within unit with pyrrhotite slightly dominant over pyrite Po 65 / Py 35. One cm sized pod of amphibole contained at 115.40ms. Foliation fabric is weak to moderate but has been destroyed by migmatitic influx.								
115.60	116.02	(AMP) Amphibolite, ()	D71297	115.6	116.02	0.42	0.006	AGAT_FAICP		
		Short amphibolite with moderate foliation fabric. Very low sulphide with pyrrhotite as the dominant species. Thin QV2 veins present along foliation fabric but contain no increase in sulphide content. Low cpx content overall. Weak felsic background								
116.02	116.85	(FGS) Felsic Gneiss Sedimentary, ()	D71299	116.02	116.85	0.83	0.009	AGAT_FAICP		
		FGs contains weak to moderate foliation fabric. Very low sulphide content. Moderate to strong sericitic alteration via stringers and dissemination. Weak potassic alteration via stringers. A couple thin pegmatitic veinlets likely related to previous migmatite.								
116.85	118.15	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite	D71300	116.85	118.15	1.3	0.004	AGAT_FAICP		
		Short amphibolite with moderate foliation fabric. Very low sulphide with pyrrhotite as the dominant species. Thin QV2 veins present along foliation fabric but contain no increase in sulphide content. Low cpx content overall. Weak felsic background. Patches of garnets as well as massive examples present.								
118.15	121.78	(FGS) Felsic Gneiss Sedimentary, ()	D71301	118.15	119.38	1.23	0.006	AGAT_FAICP		
		Numerous pods of amphibolite contained throughout unit up to 10cms in size. Likely volcanic bombs in the volcano sedimentary sequence. Short diabase dyke contained from 120.40-120.63 with an upper contact of a52/b333 and a lower contact of a50/b334. Weak to moderate potassic and sericitic alteration via stringers/dissemination as well as migmatitic veins. Iron depletion halos present with amphiboles removing iron content from surrounding FGS. Very low sulphide content.	D71302	119.38	120.28	0.9	0.005	AGAT_FAICP		
	D71303		120.28	121.78	1.5	0.003	AGAT_FAICP			
121.78	122.19	(AMP) Amphibolite, ()	D71304	121.78	122.19	0.41	0.007	AGAT_FAICP		
		Short amphibolite. Low cpx. Very low sulphide content. Weak to moderate felsic background likely plag. Moderate foliation fabric								
122.19	123.43	(FGS) Felsic Gneiss Sedimentary, ()	D71305	122.19	123.43	1.24	0.004	AGAT_FAICP		
		Very low sulphide content. Moderate potassic/sericitic alteration via stringers and dissemination. A few pods of amphibolite are present with moderate sulphide content with pyrrhotite as the main constituent Po 80 / Py 20. Iron depletion halos present due to fine grained amphiboles.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
123.43	125.06	(AMP) Amphibolite, () Amphibolite with low cpx content. Weak felsic background. Numerous garnets in the form of patches as well as massive examples. Moderately low sulphide content with pyrrhotite as the main constituent Po 80 / Py 20. Sulphides trend with foliation fabric. One pod of FGS contained in centre of unit.	D71307	123.43	124.48	1.05	0.007	AGAT_FAICP		
			D71308	124.48	125.06	0.58	0.004	AGAT_FAICP		
125.06	125.86	(FGS) Felsic Gneiss Sedimentary, () Short FGS with a couple large pods of amphibolite. Sulphide content is very low with the exception of amphibolite pods where sulphide content is moderate with pyrrhotite as the main species. Thin translucent QV within amphibolite section with a moderate increase in sulphide content. Occasional fine grained garnet throughout unit. Weak chloritic alteration via dissemination.	D71309	125.06	125.39	0.33	0.002	AGAT_FAICP		
			D71310	125.39	125.86	0.47	0.022	AGAT_FAICP		
125.86	126.50	(AMP) Amphibolite, () Amphibolite contains a weak to moderate foliation fabric. Numerous garnets ranging from fine to medium grained and often present in aggregates. Very low sulphide content with pyrrhotite as the main constituent.	D71311	125.86	126.5	0.64	0.007	AGAT_FAICP		
126.50	127.15	(FGS) Felsic Gneiss Sedimentary, () Short FGS with very low sulphide content. Weak to moderate sericitic and potassic alteration via stringers/dissemination. Iron depletion halos due to fine grained amphiboles removing surrounding Fe.	D71313	126.5	127.15	0.65	0.003	AGAT_FAICP		
127.15	135.70	(AMP) Amphibolite, (AMPFW) Footwall Amphibolite Weak banded appearance due to thin QV2 veins following foliation fabric. Numerous garnets ranging from fine to coarse grained as well as fine grained patches/aggregates. Cpx content is low for AMPFW but several aggregates of cpx are found throughout ranging from 1-4cms in size. Sulphide content is moderate throughout unit with pyrrhotite as the dominant variety Po 80 / Py 20. Sulphides are mainly disseminated and trend with foliation but several fine grained patches of pyrrhotite as well as massive examples are observable. Foliation fabric is moderate to strong throughout unit. Weak to moderate sericitic alteration via stringers and bands.	D71314	127.15	128.55	1.4	0.014	AGAT_FAICP		
			D71315	128.55	129.98	1.43	0.004	AGAT_FAICP		
			D71316	129.98	131.15	1.17	0.006	AGAT_FAICP		
			D71317	131.15	131.78	0.63	0.004	AGAT_FAICP		
			D71319	131.78	132.98	1.2	0.005	AGAT_FAICP		
			D71320	132.98	134.38	1.4	0.003	AGAT_FAICP		
			D71321	134.38	135.7	1.32	0.004	AGAT_FAICP		
135.70	136.17	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz) Short pegmatite is fine to medium grained. Very low sulphide content. Fine to coarse biotite ranging from disseminated to massive examples. Plagioclase feldspar. Weak chloritic alteration via dissemination. Unit is likely a migmatite	D71322	135.7	136.17	0.47	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
136.17	137.09	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D71323	136.17	137.09	0.92	0.005	AGAT_FAICP		Low sulphide content with pyrrhotite as the main constituent. Foliation fabric is weak to moderate throughout. Weak boudinage/flooding in upper portion but may be related to migmatite above. Thin QV2 veinlets crosscut the unit at high angle as they trend with foliation fabric but do not contain significant sulphide content. Fine grained gneiss present
137.09	137.38	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)								Fine to medium grained pegmatite is likely a migmatite. Weak chloritic alteration via dissemination observable. Barren of sulphides. Plagioclase
137.38	140.68	(AMP) Amphibolite, ()	D71324	137.09	138	0.91	0.006	AGAT_FAICP		Amphibolite contains moderate foliation fabric throughout. Low sulphide content with pyrrhotite as the main constituent. Thin QV2 veins crosscut the unit following foliation fabric but are barren. Weak to moderate felsic background content being mostly plag/qtz. Fine to medium grained gneiss throughout. A few thin slivers of FGS present.
			D71325	138	138.79	0.79	0.007	AGAT_FAICP		
			D71327	138.79	139.58	0.79	0.003	AGAT_FAICP		
			D71328	139.58	140.68	1.1	0.003	AGAT_FAICP		
140.68	146.56	(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, ()	D71329	140.68	141.545	0.86	0.011	AGAT_FAICP		Unit is likely a volcano-sedimentary sequence with aggregate/cpx bands derived from volcanic ejecta. Unit also contains numerous examples of migmatitic veining/crosscutting. Sulphide content is moderately low for unit but pyrrhotite appears in large fine grained patches occasionally Po 80 / Py 20. Weak sericitic alteration via bands and stringers. Unit contains a moderate banding appearance due to alternating pods of amp/cpx/fgs/migmatite
			D71330	141.545	142.4	0.86	0.002	AGAT_FAICP		
			D71331	142.4	143.45	1.05	0.002	AGAT_FAICP		
			D71333	143.45	144	0.55	0.002	AGAT_FAICP		
			D71334	144	144.72	0.72	0.002	AGAT_FAICP		
			D71335	144.72	146	1.28	0.004	AGAT_FAICP		
			D71336	146	146.56	0.56	0.002	AGAT_FAICP		
146.56	148.67	(AMP) Amphibolite, ()	D71337	146.56	147.85	1.29	0.004	AGAT_FAICP		Moderate foliation fabric throughout. Low cpx content. Low sulphide content with pyrrhotite as the main constituent Po 85 / Py 15. Weak to moderate sericitic alteration via bands at moderate/high angle to core axis. A few iron depletion halos are present. A couple QV2s crosscut the unit up to 5cms in size but are barren
			D71339	147.85	148.67	0.82	0.003	AGAT_FAICP		
148.67	149.06	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D71340	148.67	149.06	0.39	0.002	AGAT_FAICP		Short pegmatite could potentially be part of the proximal migmatites. Coarse amphiboles throughout. Barren of sulphides.

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
149.06	151.15	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole) Amphibolite contains moderate background felsic content qtz/plag. Very low sulphide content. Thin QV2 veins crosscut unit but are barren. Weak to moderate foliation fabric throughout. Bands of biotite throughout	D71341	149.06	150.46	1.4	0.0005	AGAT_FAICP		
			D71342	150.46	151.15	0.69	0.022	AGAT_FAICP		
151.15	154.10	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz) Pegmatite is likely a migmatite or could have sections of partial melting. Peg is fine to med grained. Qtz 70 Plag 20 Bio 8. Numerous sections of FGS and AMPIN throughout unit. Very low sulphide content. Weak chloritic potassic and sericitic alteration via bands and dissemination. Unit mains remnant foliation fabric.	D71343	151.15	152.48	1.33	0.005	AGAT_FAICP		
			D71344	152.48	153.47	0.99	0.003	AGAT_FAICP		
			D71345	153.47	154.1	0.63	0.002	AGAT_FAICP		
154.10	155.43	(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, () Interbedded volcano-sediments with amphibole/cpx/FGS bands throughout unit. Migmatitic quartz flooding/veining also present throughout unit. Thin bands of iron depletion also present. Unit maintains a moderate to strong foliation fabric. Very low sulphide content with pyrrhotite being the dominant variety Po 80 / Py 20. Occasional fine grained garnet.	D71347	154.1	154.85	0.75	0.002	AGAT_FAICP		
			D71348	154.85	155.43	0.58	0.0005	AGAT_FAICP		
155.43	157.96	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz) Pegmatite is likely a migmatite. Fine to medium grained qtz/plag/bio with numerous short sections of amphibole and FGS up to 15cms throughout. Very low sulphide content. Occasional massive amphibole specimens in higher quartz content areas. Weak potassic alteration via dissemination	D71349	155.43	156.25	0.82	0.001	AGAT_FAICP		
			D71350	156.25	157.06	0.81	0.001	AGAT_FAICP		
			D71351	157.06	157.96	0.9	0.002	AGAT_FAICP		
157.96	162.12	(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, () Alternating bands of amphibole/cpx/FGS produce a banded or conglomeratic appearance due to moderate to strong foliation. Amphibole bands contains a high quantity of biotite and may plot geochemically with AMPUM. Iron depletion bands also trend with foliation fabric producing banding texture. Moderate to strong sericitic/potassic/chloritic alteration via stringers/dissemination/halos. Very low sulphide throughout with pyrrhotite as the main constituent Po 80 / Py 20. Occasional fine grained garnet present.	D71353	157.96	159.18	1.22	0.001	AGAT_FAICP		
			D71354	159.18	160.49	1.31	0.0005	AGAT_FAICP		
			D71355	160.49	161.36	0.87	0.002	AGAT_FAICP		
			D71356	161.36	162.12	0.76	0.002	AGAT_FAICP		
162.12	163.43	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz) Pegmatite is likely a migmatite or a partial melt. Numerous sections of FGS/Amphibolite contained throughout. Moderate sericitic/chloritic alteration via stringers and dissemination. Iron depletion halos present in proximity to fine grained amphiboles. Very low sulphide content throughout with both pyrite and pyrrhotite present in similar quantities Po 60 / Py 40.	D71357	162.12	163.43	1.31	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
163.43	168.87	(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, ()	D71359	163.43	164.77	1.34	0.001	AGAT_FAICP		
<p>Interbedded volcanic sediments with FGS being the dominant lithology. Amphibole in the presence of volcanic bombs and lapilli within a dacitic welded tuff. See L:\Z Sandbox\DRafuse\Cape Forchu 2019\Welded dacitic tuff with amphibole+cpx bombs+lapilli. Moderate to strong potassic/sericitic alteration via stringers/dissemination/halos. Very low sulphide content within unit with pyrrhotite as the dominant constituent. Unit contains moderate to strong foliation fabric producing a weak to moderate banded appearance</p>			D71360	164.77	166.06	1.29	0.001	AGAT_FAICP		
			D71361	166.06	167.44	1.38	0.001	AGAT_FAICP		
			D71362	167.44	168.87	1.43	0.002	AGAT_FAICP		
168.87	192.38	(AMP) Amphibolite, ()	D71363	168.87	170.2	1.33	0.002	AGAT_FAICP		
<p>Amp 45% Cpx 30% Bio 18% Gt 6% Unit contains moderate to strong foliation throughout. Weak to moderate felsic background being mainly plagioclase. Fine grained garnets observable. Numerous pegmatitic veins crosscut the unit throughout with strong potassic alteration via dissemination. Occasional iron depletion selvage. Moderate to strong sericitic/potassic alteration via bands and dissemination. Due to high cpx and biotite content unit may of AMPUM before strongly foliated. Low sulphide content with pyrrhotite as the main constituent. Short lamprophyre contained from 162.15-162.20 with an upper contact a20/b285.</p>			D71364	170.2	171.5	1.3	0.001	AGAT_FAICP		
			D71365	171.5	172.73	1.23	0.002	AGAT_FAICP		
			D71367	172.73	174.16	1.43	0.001	AGAT_FAICP		
			D71368	174.16	175.51	1.35	0.001	AGAT_FAICP		
			D71369	175.51	176.8	1.29	0.001	AGAT_FAICP		
			D71377	184.17	185.6	1.43	0.0005	AGAT_FAICP		
			D71379	185.6	186.99	1.39	0.003	AGAT_FAICP		
			D71380	186.99	188.43	1.44	0.002	AGAT_FAICP		
			D71381	188.43	189.69	1.26	0.002	AGAT_FAICP		
			D71382	189.69	191.05	1.36	0.001	AGAT_FAICP		
			D71383	191.05	192.38	1.33	0.003	AGAT_FAICP		
			D71370	176.8	177.82	1.02	0.0005	AGAT_FAICP		
			D71371	177.82	178.85	1.03	0.024	AGAT_FAICP		
			D71373	178.85	180.15	1.3	0.002	AGAT_FAICP		
D71374	180.15	181.43	1.28	0.007	AGAT_FAICP					
D71375	181.43	182.77	1.34	0.001	AGAT_FAICP					
D71376	182.77	184.17	1.4	0.001	AGAT_FAICP					
192.38	193.77	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D71384	192.38	193.77	1.39	0.001	AGAT_FAICP		
Lamprophyre contains very fine grained carbonate amygdules.										
193.77	195.41	(FGS) Felsic Gneiss Sedimentary, ()	D71385	193.77	194.52	0.75	0.002	AGAT_FAICP		
<p>Numerous migmatitic/pegmatitic veins throughout unit. Background amphibole content is variable from 1-6% with massive specimens also present. Very low sulphide content. Weak to moderate foliation fabric. Weak sericitic/potassic alteration via dissemination.</p>			D71387	194.52	195.41	0.89	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
195.41	197.82	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D71388	195.41	196.8	1.39	0.003	AGAT_FAICP		
			D71389	196.8	197.82	1.02	0.0005	AGAT_FAICP		
Qtz 55 K-Spar 30 Bio 8 Amp 4. Pegmatite contains numerous short sections of previous FGS unit throughout. Unit is barren of sulphides. Weak to moderate sericitic/potassic alteration via stringers/dissemination/pervasive flooding.										
197.82	201.17	(FGS) Felsic Gneiss Sedimentary, ()	D71390	197.82	199.15	1.33	0.002	AGAT_FAICP		
			D71391	199.15	200.1	0.95	0.002	AGAT_FAICP		
			D71393	200.1	201.17	1.07	0.002	AGAT_FAICP		
FGS contains numerous thin pegmatitic veins which is likely migmatitic. Background amphibole content varies from 1-6% with some massive examples also present. Very low sulphide content throughout. Weak to moderate sericitic/potassic alteration via thin veinlets at moderate angle to core axis/bands and dissemination										
201.17	201.50	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D71394	201.17	201.5	0.33	0.002	AGAT_FAICP		
Qtz 65 Plag 15 Bio 5. Pegmatite is quartz dominated and fine to medium grained. Has partial melt texture. Weak to strong potassic alteration via stringers. Barren of sulphides.										
201.50	203.40	(FGS) Felsic Gneiss Sedimentary, ()	D71395	201.5	202.5	1	0.008	AGAT_FAICP		
			D71396	202.5	203.4	0.9	0.004	AGAT_FAICP		
FGS contains weak amphibole background content ranging from 2-6% with occasional massive examples. Minor cpx also observable. Foliation fabric is moderate throughout. Amphibole pods appear as minor bands due to foliation. Thin barren pegmatitic veins crosscut the unit. Very low sulphide content. Weak to moderate sericitic alteration via bands at high angle to core axis.										
203.40	212.15	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D71397	203.4	204.8	1.4	0.007	AGAT_FAICP		
			D71399	204.8	206.15	1.35	0.009	AGAT_FAICP		
			D71400	206.15	207.48	1.33	0.005	AGAT_FAICP		
			D71451	207.48	208.9	1.42	0.004	AGAT_FAICP		
			D71453	208.9	210.4	1.5	0.003	AGAT_FAICP		
			D71454	210.4	211.4	1	0.004	AGAT_FAICP		
D71455	211.4	212.15	0.75	0.004	AGAT_FAICP					
Unit contains a moderate felsic background Qtz/plag. Occasional large pod of cpx present which is likely volcanic bombs within the volcano sedimentary unit. Background cpx content is moderate throughout. Very low sulphide content. Weak to moderate foliation. Moderate sericitic alteration via bands at high angle to core axis. Thin QV2 veins crosscut the unit but are barren. Weak porphyritic texture throughout.										
212.15	213.23	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D71456	212.15	213.23	1.08	0.0005	AGAT_FAICP		
Pegmatite consists of two separate PEGS. Upper pegmatite is quartz dominated and fine to medium grained with plagioclase whereas the lower pegmatite is granitic and contains K-spar ranging from medium to fine grained. Low sulphide content. Moderate potassic/chloritic alteration via stringers/dissemination.										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
213.23	214.65	(FGS) Felsic Gneiss Sedimentary, ()	D71457	213.23	214.65	1.42	0.006	AGAT_FAICP		Unit contains numerous pegmatitic veins throughout unit crosscutting at high angle to core axis likely migmatitic. Moderate sericitic/potassic alteration via stringers/dissemination. Very low sulphide content. Background amphibole content weak 2-3%.
214.65	217.97	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D71459	214.65	215.82	1.17	0.01	AGAT_FAICP		Weak to moderate porphyritic texture. Very low sulphide content. Moderate felsic background content Qtz/plag. Minor folding. Thin pegmatites crosscut the unit but are barren. Moderate potassic/sericitic alteration via bands at high angle to core axis. Background cpx content is moderate throughout.
			D71460	215.82	216.91	1.09	0.008	AGAT_FAICP		
			D71461	216.91	217.97	1.06	0.01	AGAT_FAICP		
217.97	219.82	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D71462	217.97	219.3	1.33	0.006	AGAT_FAICP		Unit contains intermixed FGS-AMPIN and pegmatite. Very low sulphide content. Qtz 40% K-Spar 40% Bio 8%. Strong potassic/sericitic alteration via dissemination.
			D71463	219.3	219.82	0.52	0.002	AGAT_FAICP		
219.82	230.74	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D71464	219.82	221.26	1.44	0.008	AGAT_FAICP		AMPIN contains moderate to strong felsic background Qtz/plag/k-spar. Insignificant sulphide content. Moderate to strong cpx content for an AMPIN in background as well as large fine grained pods. Intense potassic/sericitic alteration via large stringers/dissemination trending at shallow angle to core axis. Foliation fabric is moderate throughout. Amp 35 Cpx 18 Feld 30 Bio 14
			D71465	221.26	222.5	1.24	0.011	AGAT_FAICP		
			D71467	222.5	223.78	1.28	0.007	AGAT_FAICP		
			D71468	223.78	225.1	1.32	0.005	AGAT_FAICP		
			D71469	225.1	226.18	1.08	0.003	AGAT_FAICP		
			D71470	226.18	227.4	1.22	0.003	AGAT_FAICP		
			D71471	227.4	228.7	1.3	0.009	AGAT_FAICP		
			D71473	228.7	229.85	1.15	0.003	AGAT_FAICP		
			D71474	229.85	230.74	0.89	0.008	AGAT_FAICP		
230.74	231.64	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D71475	230.74	231.64	0.9	0.001	AGAT_FAICP		Fine grained carbonate amygdules. Short amphibolite contained in middle of unit.
231.64	238.10	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D71476	231.64	232.95	1.31	0.004	AGAT_FAICP		Amp 35 Feld 35 Cpx 18 Bio 10. First metre of unit contains strong potassic/sericitic/chloritic alteration via dissemination due to proximal UMD-Lamp. Very low sulphide content. Equal portions of amphibole and Qtz/plag felsic background content. Weak to moderate foliation throughout. Weak to moderate potassic/sericitic alteration via bands at moderate angle to
			D71477	232.95	234.21	1.26	0.003	AGAT_FAICP		
			D71479	234.21	235.71	1.5	0.003	AGAT_FAICP		
			D71480	235.71	237.21	1.5	0.004	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments								
		core axis crosscut the unit throughout. Iron depletion halos present.	D71481	237.21	238.71	1.5	0.009	AGAT_FAICP										
238.10	239.25	(AMP) Amphibolite, ()																
Amphibolite contains a weak to moderate felsic background qtz/plag. Amp 50 Cpx 15 Feld/Qtz 20 Bio 12. Very low sulphide content. Weak to moderate foliation fabric. Thin QV2 veins crosscut the unit at high angle to core axis but are barren. Moderate folding in last 30cms of unit.																		
239.25	240.62	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D71482	238.71	240.21	1.5	0.005	AGAT_FAICP										
Amp 35 Feld 35 Cpx 18 Bio 10. Very low sulphide content. Equal portions of amphibole and qtz/plag felsic background content. Weak to moderate foliation throughout. Weak to moderate potassic/sericitic alteration via bands at moderate angle to core axis crosscut the unit throughout. Iron depletion halos present. Short barren QV2 at end of unit.																		
240.62	241.10	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D71483	240.21	241.1	0.89	0.002	AGAT_FAICP										
Lamprophyre contains fine grained carbonate amygdules and xenoliths. Moderate biotite content																		
241.10	247.83	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D71484	241.1	242.5	1.4	0.002	AGAT_FAICP										
Amp 35 Feld 35 Cpx 18 Bio 10. Very low sulphide content. Equal portions of amphibole and qtz/plag felsic background content. Weak to moderate foliation throughout. Migmatitic/pegmatitic veining from 244.00-246.00ms. Weak to moderate potassic/sericitic alteration via bands at moderate angle to core axis crosscut the unit throughout. Iron depletion halos present. Several short lamprophyres A. 241.88-241.96 with an upper contact of a35/b323. B. 242.21-242.41 with an upper contact of a78/b284. C. 247.04-247.24 with an upper contact of a60/b315																		
											D71485	242.5	243.7	1.2	0.005	AGAT_FAICP		
											D71487	243.7	244.93	1.23	0.004	AGAT_FAICP		
											D71488	244.93	246.34	1.41	0.002	AGAT_FAICP		
D71489	246.34	247.83	1.49	0.002	AGAT_FAICP													
247.83	248.24	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D71490	247.83	248.24	0.41	0.003	AGAT_FAICP										
Fine to medium grained pegmatitic likely a migmatite. Very low sulphide content. Qtz 75 Plag 12 Bio 4 Amp 8. Insignificant sulphide content. Foliation fabric still maintained by slivers of AMPIN.																		
248.24	250.85	(AMP) Amphibolite, ()	D71491	248.24	249.6	1.36	0.005	AGAT_FAICP										
Amphibolite contains a weak to moderate felsic background qtz/plag. Amp 60 Cpx 15 Feld/Qtz 10 Bio 12. Very low sulphide content. Weak to moderate foliation fabric. Thin QV2 veins crosscut the unit at high angle to core axis but are barren. Weak potassic alteration																		
			D71493	249.6	250.85	1.25	0.004	AGAT_FAICP										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
within QV2 veins via dissemination.										
250.85	262.42	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D71401	258.56	259.27	0.71	0.002	AGAT_FAICP		
Amp 40 Feld 30 Cpx 18 Bio 10. Very low sulphide content. Equal portions of amphibole and qtz/plag felsic background content. Weak to moderate foliation throughout. Weak to moderate potassic/sericitic alteration via bands at moderate angle to core axis crosscut the unit throughout. Iron depletion halos present. Two shorts QV2 veins present but are barren see veining tab. A few short sections of FGS			D71402	259.27	260.7	1.43	0.003	AGAT_FAICP		
			D71403	260.7	261.54	0.84	0.002	AGAT_FAICP		
			D71404	261.54	262.42	0.88	0.002	AGAT_FAICP		
			D71494	250.85	252.2	1.35	0.004	AGAT_FAICP		
			D71495	252.2	253.45	1.25	0.003	AGAT_FAICP		
			D71496	253.45	254.8	1.35	0.004	AGAT_FAICP		
			D71497	254.8	256.2	1.4	0.003	AGAT_FAICP		
			D71499	256.2	257.58	1.38	0.011	AGAT_FAICP		
			D71500	257.58	258.56	0.98	0.003	AGAT_FAICP		
262.42	263.15	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D71405	262.42	263.15	0.73	0.002	AGAT_FAICP		
Lamprophyre contains very fine grained carbonate amygdules as well as xenoliths. Moderately high biotite content.										
263.15	290.14	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D71407	263.15	264.55	1.4	0.003	AGAT_FAICP		
Amp 40 Feld 30 Cpx 20 Bio 10. Very low sulphide content. Equal portions of amphibole and qtz/plag felsic background content. Weak to moderate foliation throughout. Weak to strong potassic/sericitic alteration via bands at moderate angle to core axis crosscut the unit throughout. Iron depletion halos present. Short pegmatitic section from 264.76-264.88 and 281.70-281.82ms. Long interval with an increase in cpx content from 283.65-286.08ms. Short lamprophyre contained from 287.13-287.30ms with an upper alpha 50.			D71408	264.55	266.03	1.48	0.003	AGAT_FAICP		
			D71409	266.03	267.4	1.37	0.005	AGAT_FAICP		
			D71410	267.4	268.7	1.3	0.004	AGAT_FAICP		
			D71411	268.7	270	1.3	0.005	AGAT_FAICP		
			D71413	270	271.35	1.35	0.005	AGAT_FAICP		
			D71428	287.43	288.63	1.2	0.004	AGAT_FAICP		
			D71429	288.63	289.52	0.89	0.006	AGAT_FAICP		
			D71430	289.52	290.14	0.62	0.003	AGAT_FAICP		
			D71421	279.35	280.8	1.45	0.004	AGAT_FAICP		
			D71422	280.8	282.2	1.4	0.003	AGAT_FAICP		
			D71423	282.2	283.65	1.45	0.005	AGAT_FAICP		
			D71424	283.65	285	1.35	0.004	AGAT_FAICP		
			D71425	285	286.06	1.06	0.002	AGAT_FAICP		
			D71427	286.06	287.43	1.37	0.006	AGAT_FAICP		
D71414	271.35	272.65	1.3	0.005	AGAT_FAICP					
D71415	272.65	274	1.35	0.004	AGAT_FAICP					

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D71416	274	275.36	1.36	0.004	AGAT_FAICP		
			D71417	275.36	276.79	1.43	0.003	AGAT_FAICP		
			D71419	276.79	278.06	1.27	0.006	AGAT_FAICP		
			D71420	278.06	279.35	1.29	0.005	AGAT_FAICP		
290.14	292.40	(QV, PEG) Quartz Vein, Pegmatite, (QZV) Quartz Vein Undifferentiated	D71431	290.14	290.49	0.35	0.003	AGAT_FAICP		
		Intermixed pegmatite and QV. Quartz vein fine grained and translucent in clarity white with fine grained amphibole and k-spar with stringers of strong chloritic alteration. Low sulphide content within QV. Pegmatite is k-spar dominated and massive. Barren of sulphides. Intense potassic alteration via dissemination. Strong sericitic alteration via stringers.	D71433	290.49	291.28	0.79	0.002	AGAT_FAICP		
			D71434	291.28	291.67	0.39	0.001	AGAT_FAICP		
			D71435	291.67	292.02	0.35	0.002	AGAT_FAICP		
			D71436	292.02	292.4	0.38	0.003	AGAT_FAICP		
292.40	295.65	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D71437	292.4	293.8	1.4	0.005	AGAT_FAICP		
		Weak upper contact but is oblique to foliation fabric. Unit contains weak to moderate foliation fabric throughout. Depletion halos and pegmatitic/migmatitic veining throughout and often in conjunction with each other. Moderate felsic background content Qtz/plag/k-spar which is consistent throughout unit. Low sulphide content overall but occasional massive pyrrhotite up to 1cm are observable. Weak to moderate cpx content. Moderate to strong potassic alteration via dissemination	D71439	293.8	294.75	0.95	0.006	AGAT_FAICP		
			D71440	294.75	295.65	0.9	0.003	AGAT_FAICP		
295.65	296.86	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D71441	295.65	296.86	1.21	0.005	AGAT_FAICP		
		Weak upper contact due to intense potassic/chloritic alteration. Qtz 55 K-spar 30 Bio 10 Amp 4. Pegmatite contains massive k-spar and biotite. Intense potassic/chloritic alteration throughout unit in the form of stringers/dissemination and halos. Very low sulphide content throughout unit. Fine grained amphibole specimens observable.								
296.86	298.80	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D71442	296.86	298.15	1.29	0.016	AGAT_FAICP		
		Weak upper contact but is generally parallel to foliation fabric. Unit contains weak to moderate foliation fabric throughout. Depletion halos and pegmatitic/migmatitic veining throughout and often in conjunction with each other. Moderate felsic background content Qtz/plag/k-spar which is consistent throughout unit. Low sulphide content overall but occasional massive pyrrhotite up to 1cm are observable. Weak to moderate cpx content. Moderate to strong potassic alteration via dissemination	D71443	298.15	298.8	0.65	0.007	AGAT_FAICP		
298.80	299.12	(PEG) Pegmatite, (PEGQZ) Quartz Pegmatite (>90% quartz)	D71444	298.8	299.12	0.32	0.008	AGAT_FAICP		
		Qtz 85 Feld 6 Bio 6. Quartz rich pegmatite with medium to coarse grained potassic								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		feldspars. Biotite ranges from fine to coarse grained massive examples. Very low sulphide content. Weak sericitic/potassic alteration via dissemination is observable. Minor amphibole content.								
299.12	299.44	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D71445	299.12	299.44	0.32	0.014	AGAT_FAICP		
		Strong upper contact which is parallel to foliation fabric. Unit contains weak to moderate foliation fabric throughout. Moderate felsic background content qtz/plag/k-spar which is consistent throughout unit. Very low sulphide content overall. Weak to moderate cpx content. Weak sericitic/potassic alteration via dissemination								
299.44	300.23	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D71447	299.44	300.23	0.79	0.005	AGAT_FAICP		
		Qtz 65 Feld 20 Bio 6. Quartz rich pegmatite with medium to coarse grained potassic feldspars. Biotite ranges from fine to coarse grained massive examples. Very low sulphide content. Weak to moderate chloritic/sericitic/potassic alteration via dissemination is observable. Minor amphibole content.								
300.23	301.90	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D71448	300.23	300.78	0.55	0.003	AGAT_FAICP		
		Strong upper contact parallel to foliation fabric. Unit contains weak to moderate foliation fabric throughout. Moderate felsic background content qtz/plag/k-spar which is consistent throughout unit. Very low sulphide content overall. Moderate cpx content. Weak sericitic alteration via dissemination and veinlets at high angle to core axis.	D71449	300.78	301.9	1.12	0.004	AGAT_FAICP		
301.90	303.25	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D71450	301.9	302.7	0.8	0.003	AGAT_FAICP		
		Qtz 75 Feld 15 Bio 6. Quartz rich pegmatite with medium to coarse grained potassic feldspars. Biotite ranges from fine to coarse grained massive examples. Very low sulphide content. Weak sericitic/potassic alteration via dissemination is observable. Minor amphibole content.	D72501	302.7	303.25	0.55	0.003	AGAT_FAICP		
303.25	304.00	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D72502	303.25	304	0.75	0.002	AGAT_FAICP		
		Lamprophyre contains fine to coarse grained amygdules and xenoliths of country rock. Amygdules are carbonate calcite/ankerite with weak potassic alteration via dissemination contained within.								
304.00	307.05	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D72503	304	304.7	0.7	0.004	AGAT_FAICP		
		Strong upper contact but is parallel to foliation fabric. Unit contains weak to moderate	D72504	304.7	306.1	1.4	0.004	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
foliation fabric throughout. Depletion halos and pegmatitic/migmatitic veining throughout and often in conjunction with each other. Moderate felsic background content qtz/plag/k-spar which is consistent throughout unit. Very low sulphide content throughout. Weak to moderate cpx content. Moderate to strong potassic/sericitic alteration via dissemination/stringers. Short UMD-Lamp contained from 306.5-306.75 with an upper contact of alpha 52.			D72505	306.1	306.5	0.4	0.005	AGAT_FAICP		
			D72507	306.5	307.05	0.55	0.003	AGAT_FAICP		
307.05	308.87	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D72508	307.05	308.4	1.35	0.005	AGAT_FAICP		
Upper contact is weak due to strong sericitic/potassic alteration. Qtz 70 Feld 20 Bio 6. Quartz rich pegmatite with medium to coarse grained potassic feldspars. Biotite ranges from fine to coarse grained massive examples. Very low sulphide content. Moderate to strong sericitic/potassic/chloritic alteration via dissemination is observable. Minor amphibole content within pegmatitic portions of unit. Numerous short sections of AMPIN contained throughout			D72509	308.4	308.87	0.47	0.007	AGAT_FAICP		
308.87	344.48	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D72510	308.87	310.15	1.28	0.004	AGAT_FAICP		
Strong upper contact slightly parallel to foliation fabric. Unit contains weak to moderate foliation fabric throughout. Moderate felsic background content qtz/plag/k-spar which is consistent throughout unit. Very low sulphide content overall with pyrrhotite as the main constituent Po 80 / Py 20. Moderate cpx content consistently throughout unit. Moderate to strong potassic/chloritic/sericitic alteration via dissemination/bands/halos and veinlets at high angle to core axis. Numerous banded depletion halos with fine grained amphibole within. Short pegmatites with undulating contacts which are likely migmatites observable. Occasional thin lamprophyre 2-6cms crosscuts at moderate angle to core axis. Occasional short section of FGS.			D72511	310.15	310.8	0.65	0.004	AGAT_FAICP		
			D72513	310.8	312	1.2	0.004	AGAT_FAICP		
			D72514	312	313.41	1.41	0.005	AGAT_FAICP		
			D72515	313.41	314.8	1.39	0.006	AGAT_FAICP		
			D72516	314.8	316.2	1.4	0.007	AGAT_FAICP		
			D72545	340.42	341.25	0.83	0.002	AGAT_FAICP		
			D72547	341.25	342.5	1.25	0.002	AGAT_FAICP		
			D72548	342.5	343.7	1.2	0.002	AGAT_FAICP		
			D72549	343.7	344.48	0.78	0.004	AGAT_FAICP		
			D72539	334.4	335.68	1.28	0.015	AGAT_FAICP		
			D72540	335.68	336.67	0.99	0.008	AGAT_FAICP		
			D72541	336.67	337.65	0.98	0.013	AGAT_FAICP		
			D72542	337.65	338.57	0.92	0.008	AGAT_FAICP		
			D72543	338.57	339.87	1.3	0.02	AGAT_FAICP		
			D72544	339.87	340.42	0.55	0.002	AGAT_FAICP		
			D72531	328.51	329.04	0.53	0.023	AGAT_FAICP		
D72533	329.04	330.35	1.31	0.019	AGAT_FAICP					
D72534	330.35	331.77	1.42	0.022	AGAT_FAICP					
D72535	331.77	333.16	1.39	1	AGAT_FAICP					
D72536	333.16	333.6	0.44	0.019	AGAT_FAICP					
D72537	333.6	334.4	0.8	0.007	AGAT_FAICP					
D72524	321.9	322.98	1.08	0.011	AGAT_FAICP					
D72525	322.98	324.4	1.42	0.055	AGAT_FAICP					

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D72527	324.4	325.75	1.35	0.017	AGAT_FAICP		
			D72528	325.75	327	1.25	0.02	AGAT_FAICP		
			D72529	327	327.76	0.76	0.029	AGAT_FAICP		
			D72530	327.76	328.51	0.75	0.012	AGAT_FAICP		
			D72517	316.2	316.78	0.58	0.004	AGAT_FAICP		
			D72519	316.78	317.52	0.74	0.004	AGAT_FAICP		
			D72520	317.52	318	0.48	0.007	AGAT_FAICP		
			D72521	318	319.4	1.4	0.004	AGAT_FAICP		
			D72522	319.4	320.75	1.35	0.007	AGAT_FAICP		
			D72523	320.75	321.9	1.15	0.007	AGAT_FAICP		
344.48	345.32	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D72550	344.48	345.32	0.84	0.002	AGAT_FAICP		
		UMD-Lamp with fine to medium grained carbonate amygdules and xenoliths. Upper and lower chill margins present.								
345.32	347.23	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D72551	345.32	346.3	0.98	0.004	AGAT_FAICP		
		Strong upper contact slightly parallel to foliation fabric. Unit contains weak to moderate foliation fabric throughout. Moderate felsic background content qtz/plag/k-spar which is consistent throughout unit. Very low sulphide content overall with one section exhibiting a sharp increase 346.30-347.00 in sulphide content. Pyrrhotite is the main constituent Po 80 / Py 20. Moderate cpx content consistently throughout unit. Weak potassic/chloritic/sericitic alteration via dissemination/bands/halos and veinlets at high angle to core axis. Several banded depletion halos with fine grained amphibole within. Short pegmatitic sections likely being migmatites crosscut the unit.	D72553	346.3	347.23	0.93	0.037	AGAT_FAICP		
347.23	349.35	(FGS) Felsic Gneiss Sedimentary, ()	D72554	347.23	348.54	1.31	0.011	AGAT_FAICP		
		FGS contains weak to moderate foliation fabric throughout. Weak to moderately weak sulphide content with pyrrhotite being the main constituent Po 80 / Py 20. Weak to moderate background amphibole content which is highly variable. Undulating and numerous pegmatitic veins throughout mostly due to a proximal migmatite. Weak to moderate sericitic/potassic alteration via dissemination and veins at moderate angle to core axis.	D72555	348.54	349.35	0.81	0.019	AGAT_FAICP		
349.35	350.50	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D72556	349.35	350.5	1.15	0.009	AGAT_FAICP		
		Strong upper contact slightly parallel to foliation fabric. Unit contains weak to moderate foliation fabric throughout. Moderate felsic background content qtz/plag/k-spar which is consistent throughout unit. Moderately low sulphide content throughout. Pyrrhotite is the main constituent Po 80 / Py 20. Moderate cpx content consistently throughout unit. Several banded depletion halos with fine grained amphibole within.								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
350.50	351.00	(FGS) Felsic Gneiss Sedimentary, ()	D72557	350.5	351	0.5	0.01	AGAT_FAICP		EOH=351.00 The last Roswell sample
<p>Strong sericitic alteration and quartz veining at contact with upper amphibolite produce a weak contact. Numerous undulating pegmatitic sections throughout unit reveal a migmatitic candidate. Weak to moderate sulphide content with pyrrhotite as the main constituent Po 80 / Py 20. Weak to moderate sericitic/chloritic alteraiton via dissemination. Weak foliation fabric. EOH=351.00</p>										

Hole ID : RD19-00026

Project : Borden

Drilling Details :

Azimuth : 170
 Dip : -45
 Length : 354
 Drill Start : 17-Sep-2019
 Drill Completed : 23-Sep-2019
 Core Size : NQ
 Drill Company : Major
 Oriented Core : Yes

Location Details :

Easting : 340273
 Northing : 5302398
 Elevation : 452
 UTM Grid : NAD83_UTMZ17N_GPS
 Township : Borden
 Storage Location : Chapleau Ont

Logging Details :

Logged By : Alex.Jibb
 Logged By 2 : Clayton Peskleway
 Log Start : 25-Sep-2019
 Log Completed : 10-Oct-2019
 Re-Logged By :
 Re-Log Start :
 Re-Log Completed :

Comments :

GPS details updated using waypoint averaging on Garmin hand-held unit. AJ 10/4/19 at 284m: repeating layering of FGS and AMPIN with more mafic CPX-bearing AMP downhole; little to no significant alteration (typically SER+POT HALO/BANDs when present) and little to no significant deformation; FGS intervals towards top of hole show moderate increase in STI relative to rest of hole; no significant sulphide mineralization with lcl stringers hosting fmg PO <1% overall
 Alex logged to 285.84; Clayton logged from 285.84 to EOH: AMP; PEG; FGS; FGG & LAMP intervals in this area w/ FGG between 318.6 to 354; areas w/ mod ser alt; strong K spar alt; up to 1% py; 0.2% po

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
0.00	1.90	(OB) Overburden, ()								
1.90	17.62	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D70748	1.9	3	1.1	0.018	AGAT_FAICP		
			D70749	3	4.5	1.5	0.005	AGAT_FAICP		
			D70750	4.5	6	1.5	0.007	AGAT_FAICP		
			D70751	6	7.5	1.5	0.006	AGAT_FAICP		
			D70753	7.5	9	1.5	0.006	AGAT_FAICP		
			D70754	9	9.52	0.52	0.005	AGAT_FAICP		
			D70762	16.5	17.62	1.12	0.006	AGAT_FAICP		
			D70755	9.52	9.82	0.3	0.008	AGAT_FAICP		
			D70756	9.82	10.5	0.68	0.005	AGAT_FAICP		
			D70757	10.5	12	1.5	0.009	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D70759	12	13.5	1.5	0.004	AGAT_FAICP		
			D70760	13.5	15	1.5	0.005	AGAT_FAICP		
			D70761	15	16.5	1.5	0.005	AGAT_FAICP		
17.62	17.92	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D70763	17.62	18	0.38	0.003	AGAT_FAICP		
		Pink to white melt-textured PEGGR with minor BIO entrained in vein material 3-4% overall; no sig min; moderately defined upper cnct and well-defined lower contact measured at a60 b310; no sig min vein-hosted								
17.92	22.09	(FGS) Felsic Gneiss Sedimentary, ()	D70764	18	19.5	1.5	0.004	AGAT_FAICP		
		Dark to light grey to green; fcg; mod silicified; trace lcl POT and SER alteration; weakly-developed moderately present POR texture throughout interval defined by poorly formed subhedral to anhedral QZ-FSP 'eyes'; moderate foliation similar to above measured lclly at ~35-50dtca; no sig min hosted in interval; sharp lower contact with PEGGR measured at a45 b23								
			D70765	19.5	21	1.5	0.003	AGAT_FAICP		
			D70767	21	22.09	1.09	0.004	AGAT_FAICP		
22.09	22.47	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D70768	22.09	22.47	0.38	0.003	AGAT_FAICP		
		Grey and white; fmg; moderate melt-textured with minor fmg 2-3% BIO disseminated throughout; no sig min vein-hosted; no sig textures; sharp upper and lower cnct at a45 b23 and a49 b360								
22.47	33.14	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D70769	22.47	23.15	0.68	0.003	AGAT_FAICP		
		Grey to greenish-grey; fmg; moderate silicification; weak pervasive POT alteration occurring towards lower contact; trace patchy SER alt; banded texture well-developed defined by successions of cm-scale QZ-FSP veinlets all generally concordant with overall strong foliation measured at 25.07m with a56 b360; weak-moderate dioritic fabric begins to develop towards lower contact with AMPIN/FGSAMP defined by potassic-altered/potassic feldspars subrounded to rounded in habit; variable amp background content from 4-5 up to 15-17%; no sig min throughout entire interval; moderate lower contact (arguably gradational) with AMPIN/FGSAMP unit measured at a56 b338								
			D70770	23.15	24	0.85	0.003	AGAT_FAICP		
			D70771	24	25	1	0.006	AGAT_FAICP		
			D70773	25	26	1	0.003	AGAT_FAICP		
			D70774	26	27	1	0.005	AGAT_FAICP		
			D70775	27	28	1	0.004	AGAT_FAICP		
			D70776	28	29	1	0.004	AGAT_FAICP		
			D70777	29	30	1	0.005	AGAT_FAICP		
			D70779	30	31	1	0.003	AGAT_FAICP		
			D70780	31	32	1	0.007	AGAT_FAICP		
			D70781	32	33.14	1.14	0.003	AGAT_FAICP		
33.14	41.48	(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, ()	D70782	33.14	34.5	1.36	0.009	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
AMPIN) Intermediate Amphibolite (50-69% amphibole)			D70783	34.5	36	1.5	0.005	AGAT_FAICP		
Dark to light grey-green; fcg; moderate silica overprinting; moderate porphyritic texture defined by subrounded 1-8mm size QZ-FSP phenocrysts in a BIO+AMP dominant matrix; overall abundances of BIO and AMP difficult to gauge ~10-12% and ~25-30% AMP; minor PEG vein concordant with overall foliation; foliation mod-strong measured lclly at 36.73m with a47 b360; minor GBFG up- and down-hole ~20cm on either side of PEG characterized by presence of GRT and sig increase in BIO abundance; no sig min			D70784	36	37.5	1.5	0.004	AGAT_FAICP		
			D70785	37.5	38.26	0.76	0.004	AGAT_FAICP		
			D70787	38.26	38.77	0.51	0.008	AGAT_FAICP		
			D70788	38.77	40	1.23	0.006	AGAT_FAICP		
			D70789	40	41.48	1.48	0.01	AGAT_FAICP		
41.48	55.34	(AMP) Amphibolite, ()	D70790	41.48	42	0.52	0.006	AGAT_FAICP		
Green; fmg; weak-moderate silica overprinting; few carbonate-quartz-feldspar stringers throughout; no strongly developed foliation; generally massive; more felsic component to interval between 52.06-52.27m; 4-5% MUSC dissem throughout with moderate 10-12% cg to boundary-less lighter-green CPX; no sig min; gradational/diffuse lower contact with AMPIN/FGS unit measured at a60 b328; no sig min			D70791	42	43.5	1.5	0.004	AGAT_FAICP		
			D70793	43.5	45	1.5	0.081	AGAT_FAICP		
			D70794	45	46.5	1.5	0.017	AGAT_FAICP		
			D70795	46.5	48	1.5	0.006	AGAT_FAICP		
			D70796	48	49.5	1.5	0.003	AGAT_FAICP		
			D70797	49.5	51	1.5	0.013	AGAT_FAICP		
			D70799	51	52	1	0.013	AGAT_FAICP		
			D70800	52	52.3	0.3	0.006	AGAT_FAICP		
			D70801	52.3	53.8	1.5	0.283	AGAT_FAICP		
			D70802	53.8	54.52	0.72	0.036	AGAT_FAICP		
D70803	54.52	55.34	0.82	0.02	AGAT_FAICP					
55.34	59.59	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D70804	55.34	56.34	1	0.011	AGAT_FAICP		
Grey-green; fmg; weak silica overprinting and weak patchy carb alteration defined by increase in CB stringers throughout; unit weakly foliated; overall similar to uphole AMPIN units where por-texture could be relict of FGS that has seen significant amphibole injection with AMP abundance 20-25%; trace mg blebby PY lclly; sharp lower contact with PEGGR measured at a68 b336			D70805	56.34	56.74	0.4	0.008	AGAT_FAICP		
			D70807	56.74	58	1.26	0.005	AGAT_FAICP		
			D70808	58	59	1	0.005	AGAT_FAICP		
			D70809	59	59.59	0.59	0.004	AGAT_FAICP		
59.59	60.46	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D70810	59.59	60.46	0.87	0.005	AGAT_FAICP		
White; mcg; melt-textured defined by cg PF; pgm texture defined by disseminated to cllly patchy mcg BIO (5% overall); no sig min; sharp lower contact measured at a67 b360										
60.46	67.94	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D70811	60.46	61	0.54	0.007	AGAT_FAICP		
Grey-green; fmg; weak silicification; trace POT and SER alt downhol towards lower contact;			D70813	61	62.5	1.5	0.004	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
minor PEG vein cutting unit from 63.38-63.60m with upper cnct a36 b332 and lower cnct a53 b304; minor 0.25-0.50% fmg to lclly cg dissem PY min; trace PO min; sharp lower contact with PEG unit (no lines on core to grab alpha/beta)			D70814	62.5	63.33	0.83	0.003	AGAT_FAICP		
			D70815	63.33	63.63	0.3	0.004	AGAT_FAICP		
			D70816	63.63	64.55	0.92	0.004	AGAT_FAICP		
			D70817	64.55	65.25	0.7	0.005	AGAT_FAICP		
			D70819	65.25	66.75	1.5	0.003	AGAT_FAICP		
			D70820	66.75	67.94	1.19	0.003	AGAT_FAICP		
67.94	68.44	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D70821	67.94	68.44	0.5	0.002	AGAT_FAICP		
Pink and white; cvcg; no significant alteration; moderately melt-textured defined by large amorphous blob of feldspar lacking well defined grain boundaries; minor 2% mg dissem/patchy BIO entrained in vein matrix; no significant sulphide mineralization; sharp lower cnct measured at a30 b326										
68.44	79.48	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D70822	68.44	69.94	1.5	0.003	AGAT_FAICP		
			D70823	69.94	71	1.06	0.005	AGAT_FAICP		
			D70824	71	72	1	0.009	AGAT_FAICP		
			D70825	72	73.3	1.3	0.003	AGAT_FAICP		
			D70827	73.3	73.6	0.3	0.013	AGAT_FAICP		
			D70828	73.6	75	1.4	0.004	AGAT_FAICP		
			D70829	75	76.5	1.5	0.006	AGAT_FAICP		
			D70830	76.5	78	1.5	0.004	AGAT_FAICP		
			D70831	78	78.85	0.85	0.005	AGAT_FAICP		
			D70833	78.85	79.15	0.3	0.004	AGAT_FAICP		
D70834	79.15	79.48	0.33	0.003	AGAT_FAICP					
Grey-green; fmg; no significant alteration; several cm-scale QZ-CB stringers cut unit concordant with moderately defined foliation measured lclly at 74.59m with a50 b317; one micro-lamprophyre dyke 78.59-78.62m upper cnct a50 b320 lower cnct a30 b320; two melt-textured FGS slivers included in unit hosting no sig min; weakly-moderately siliceous; no significant sulphide mineralization; sharp lower contact with UMD-LAMPD measured at a48 b302										
79.48	79.81	(UMD) UMD/LAMP Dikey, (LAMPD) UMD - Lamprophyre Dyke	D70835	79.48	79.81	0.33	0.003	AGAT_FAICP		
Dark brown; fg; no sig min or alt; sharp upper and lower cncts; lower cnct a60 b360										
79.81	82.19	(AMP) Amphibolite, ()	D70836	79.81	81	1.19	0.004	AGAT_FAICP		
			D70837	81	82.19	1.19	0.003	AGAT_FAICP		
Green; fcg; minor SER alteration banding lclly; no sig alteration otherwise; trace 0.1% fmg dissem PO min; cg patchy CPX throughout; no significant sulphide mineralization otherwise; sharp lower contact with UMD-LAMPD at a47 b341										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
82.19	82.69	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D70839	82.19	82.69	0.5	0.002	AGAT_FAICP		Dark brown; fg; no sig minor alt; minor CARB stringers cut unit; sharp upper and lower contacts measured at a47 b341
82.69	102.62	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D70840	82.69	83	0.31	0.003	AGAT_FAICP		Grey-green; fmg;no significant alteration throughout; trace patchy SER alt to minor dm-scale PEGGR veinlets; clotty texture defined by poorly developed dPOR texture throughout; minor FGS slivers lclly hosting no sig min and are moderately siliceous; one FOD-AX2 and subsequent AP2 measured at 93.08 defined by refolded F1 fold limbs of cm-scale QZ-CB stringer; AX2 plunging 50 towards 048 with AP2 a56 b42; moderately foliated measured lclly at 96.20m with a45 b337; minor ser-altered PEGGR veinlets cut unit generally concordant with overall foliation; lower contact inferred and drawn due to increase in succession of cm-scale PEGGR veinlets all generally concordant with foliation
			D70841	83	84	1	0.003	AGAT_FAICP		
			D70842	84	84.92	0.92	0.006	AGAT_FAICP		
			D70843	84.92	86.05	1.13	0.004	AGAT_FAICP		
			D70844	86.05	87.5	1.45	0.006	AGAT_FAICP		
			D70845	87.5	89	1.5	0.007	AGAT_FAICP		
			D70847	89	90.5	1.5	0.01	AGAT_FAICP		
			D70848	90.5	92	1.5	0.011	AGAT_FAICP		
			D70849	92	93.5	1.5	0.008	AGAT_FAICP		
			D70850	93.5	94	0.5	0.004	AGAT_FAICP		
			D70851	94	94.4	0.4	0.003	AGAT_FAICP		
			D70853	94.4	95	0.6	0.007	AGAT_FAICP		
			D70854	95	96	1	0.007	AGAT_FAICP		
			D70855	96	97.5	1.5	0.004	AGAT_FAICP		
			D70856	97.5	99	1.5	0.005	AGAT_FAICP		
			D70857	99	100.5	1.5	0.006	AGAT_FAICP		
			D70859	100.5	102	1.5	0.006	AGAT_FAICP		
			D70860	102	102.62	0.62	0.007	AGAT_FAICP		
102.62	103.82	(AMP, PEG) Amphibolite, Pegmatite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D70861	102.62	103.82	1.2	0.034	AGAT_FAICP		Split 55/45 interval composed of intermediate amphibolite and melt-textured granitic pegmatites; minor 0.5% fmg dissem PY min along vein margins with AMPIN host; no sig min AMPIN hosted; veins cut unit generally concordant with moderate foliation measured at a50; lower contact inferred and drawn due to decrease in PEG veining
103.82	109.45	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D70862	103.82	105	1.18	0.006	AGAT_FAICP		Grey-green; fmg; weak patchy POT alt around lcl QZ-CB stringers; weak lcl POR texture amplified due to increase in POT alteration giving a salt and peppery-texture to unit lclly; no significant mineralization; one BUD-LA (boudinaged QZ veinlet) measured at 107.07m plunging 52 towards 060; sharp lower contact with UMD-LAMPD measured at a46 b325
			D70863	105	106	1	0.006	AGAT_FAICP		
			D70864	106	107	1	0.007	AGAT_FAICP		
			D70865	107	108	1	0.006	AGAT_FAICP		
			D70867	108	109.45	1.45	0.007	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
109.45	110.02	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D70868	109.45	110.02	0.57	0.002	AGAT_FAICP		
Dark brown; vffg; weakly xenolithic with fg angular anhedral feldspars and carbonates defining a poorly developed POR texture; no significant alteration or mineralization dyke-hosted; lower contact sharp measured at a47 b345										
110.02	116.00	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D70869	110.02	111	0.98	0.006	AGAT_FAICP		
Green; fmg; weak patchy POT alteration; weakly clotty textured defined by angular anhedral PF disseminated around POT altered intervals; variable AMP abundance throughout; minor melt-textured pegmatities cut unit generally concordant to weakly defined foliation; no sig min; inferred lower contact with FGSGB due to increase in presence of fcg dissem to POB GRT										
			D70870	111	112	1	0.01	AGAT_FAICP		
			D70871	112	113	1	0.006	AGAT_FAICP		
			D70873	113	114	1	0.006	AGAT_FAICP		
			D70874	114	114.5	0.5	0.003	AGAT_FAICP		
			D70875	114.5	116	1.5	0.007	AGAT_FAICP		
116.00	135.17	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone	D70876	116	117.5	1.5	0.008	AGAT_FAICP		
Grey to greenish-grey; fcg; no significant alteration; generally massive with no distinct foliation defined throughout; variable GRT+BIO+AMP throughout interval with general abundances of AMP 8-10%; BIO 10-12%; GRT 1-5%; STI increases moderate-strongly between 123.74-124.58; melt-textured PEGGR/QG veinlets cut unit throughout all roughly at the same angle of intersection (~40-50dtca); larger melted PEGGR vein with moderately developed PEG texture between 128.24-128.65 with upper cnct diffuse and lower cnct weak with a40 b21; sharp lower contact with UMD-LAMPD at 135.17m with unoriented a25 (no beta; no lines on core)										
			D70877	117.5	119	1.5	0.019	AGAT_FAICP		
			D70879	119	120	1	0.01	AGAT_FAICP		
			D70880	120	121	1	0.004	AGAT_FAICP		
			D70881	121	122.5	1.5	0.004	AGAT_FAICP		
			D70882	122.5	123.74	1.24	0.003	AGAT_FAICP		
			D70890	130	131.5	1.5	0.002	AGAT_FAICP		
			D70891	131.5	133	1.5	0.003	AGAT_FAICP		
			D70893	133	134.5	1.5	0.006	AGAT_FAICP		
			D70894	134.5	135.17	0.67	0.002	AGAT_FAICP		
			D70883	123.74	124.58	0.84	0.003	AGAT_FAICP		
			D70884	124.58	126	1.42	0.003	AGAT_FAICP		
			D70885	126	127.5	1.5	0.008	AGAT_FAICP		
			D70887	127.5	128.24	0.74	0.014	AGAT_FAICP		
			D70888	128.24	128.65	0.41	0.006	AGAT_FAICP		
			D70889	128.65	130	1.35	0.003	AGAT_FAICP		
135.17	136.03	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D70895	135.17	136.03	0.86	0.006	AGAT_FAICP		
Green to brownish-green; fmg; weak vesicular/amygdale texture defined by anhedral angular carbonate phenocrysts/xenoliths (not true phenos/xenos); no sig min; sharp lower contact (no lines on core to grab beta measurements)										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
136.03	157.66	(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, (FGSGB) Variable BI + garnets below the gold zone	D70896	136.03	137	0.97	0.002	AGAT_FAICP		
		Grey to dark grey to reddish-pink; fcg; moderate patchy potassic alteration lclly showing as HALOs around cm-dm scale QZ-CB to PEGGR stringers/veinlets; 20% of unit composed by foliation-concordant PEGGR/QG melt-textured veinlets with largest occurring from 148.58-149.04m; foliation moderate and measured lclly at 139.26m with a55 b331 and again at 150.17m with a53 b337; trace to 0.25% fg dissem PY min throughout with lcl PY vein-hosted; no sig PO min; similar to uphole FGSGB this interval is very mineralogically variable with GRT 1-5% fcg dis to POB; AMP 8-10% fmg dissem; BIO 5-7% (lclly 2-3%); sharp lower contact with UMD measured at a28 b306	D70897	137	138	1	0.001	AGAT_FAICP		
			D70899	138	139	1	0.002	AGAT_FAICP		
			D70900	139	140	1	0.003	AGAT_FAICP		
			D70901	140	141	1	0.002	AGAT_FAICP		
			D70902	141	142	1	0.004	AGAT_FAICP		
			D70924	156.36	157.66	1.3	0.004	AGAT_FAICP		
			D70917	150.53	151.53	1	0.003	AGAT_FAICP		
			D70919	151.53	152.46	0.93	0.007	AGAT_FAICP		
			D70920	152.46	153.36	0.9	0.003	AGAT_FAICP		
			D70921	153.36	154.36	1	0.002	AGAT_FAICP		
			D70922	154.36	155.36	1	0.002	AGAT_FAICP		
			D70923	155.36	156.36	1	0.002	AGAT_FAICP		
			D70910	147	147.7	0.7	0.003	AGAT_FAICP		
			D70911	147.7	148	0.3	0.001	AGAT_FAICP		
			D70913	148	148.58	0.58	0.002	AGAT_FAICP		
			D70914	148.58	149.04	0.46	0.002	AGAT_FAICP		
			D70915	149.04	150	0.96	0.005	AGAT_FAICP		
			D70916	150	150.53	0.53	0.006	AGAT_FAICP		
			D70903	142	142.3	0.3	0.003	AGAT_FAICP		
			D70904	142.3	143	0.7	0.003	AGAT_FAICP		
			D70905	143	144	1	0.011	AGAT_FAICP		
			D70907	144	145	1	0.003	AGAT_FAICP		
			D70908	145	146	1	0.004	AGAT_FAICP		
			D70909	146	147	1	0.015	AGAT_FAICP		
157.66	160.26	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D70925	157.66	159	1.34	0.002	AGAT_FAICP		
		Dark brown; vffg; no significant alteration or mineralization; cm-scale CL alt halos around sharp upper and lower contacts; minor 1 cm CB stringers cut dyke locally; upper cnct a28 b306 and lower cnct a20 b308	D70927	159	160.26	1.26	0.002	AGAT_FAICP		
160.26	164.60	(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, ()	D70928	160.26	161	0.74	0.002	AGAT_FAICP		
		Pink and grey; fcg; moderately silicified and moderately-storngly siliceous; moderate patchy/halo-style POT alteration; banded texture well-developed defined by cm scale PEGGR veinlets cutting unit generally concordant with foliation but locally showing boudinaged textures appearing discordant with foliation; foliation moderate-strong measured at 161.53m with a48 b360; one FOD-AX1 at 162.22m plunging 42 towards 048; 0.1% vffg	D70929	161	162	1	0.002	AGAT_FAICP		
			D70930	162	163	1	0.002	AGAT_FAICP		
			D70931	163	164	1	0.011	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
		dissem PY min FGS-hosted (trace amts of PY PEG/veinlet-hosted); lower contact moderate with melted PEGGR vein measured at a66 b339	D70933	164	164.6	0.6	0.007	AGAT_FAICP		
164.60	165.20	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D70934	164.6	165.2	0.6	0.005	AGAT_FAICP		Grey-white; fmg; weak patchy POT alteration to vein material; melt-textured hosting 4-5% fmg dissem to patchy BIO in vein material; minor <20% QZ; upper and lower contacts moderately developed with lower cnct measured at a48 b355; no sig min vein-hosted
165.20	176.30	(FGS, PEG) Felsic Gneiss Sedimentary, Pegmatite, ()	D70935	165.2	166	0.8	0.02	AGAT_FAICP		Split 70/30 interval composed of grey banded mod-strongly foliated FGS cut by 30% melt-textured moderately pegmatitic-textured PEGGR/QG veinlets cutting unit generally concordant/parallel to overall foliation; foliation mod-strong measured lclly at 174.14m with a50 b334; PEGGR/QG lithology weakly variable with two veinlets dominantly composed of QZ verging on QVZ/QV2 territory; veinlets show weak-moderate potassic staining/alteration with lcl stringers showing similar HALO style POT and SER alteration; veinlets lclly host mineralization up to 1%; overall mineralization <1% PY and no PO min; moderately defined lower contact with larger melt-textured PEGGR measured at a51 b355
			D70936	166	167	1	0.007	AGAT_FAICP		
			D70937	167	168	1	0.003	AGAT_FAICP		
			D70939	168	169	1	0.002	AGAT_FAICP		
			D70940	169	170	1	0.001	AGAT_FAICP		
			D70941	170	171	1	0.003	AGAT_FAICP		
			D70942	171	172	1	0.002	AGAT_FAICP		
			D70943	172	173	1	0.003	AGAT_FAICP		
			D70944	173	174	1	0.002	AGAT_FAICP		
			D70945	174	175	1	0.003	AGAT_FAICP		
			D70947	175	175.93	0.93	0.002	AGAT_FAICP		
			D70948	175.93	176.3	0.37	0.001	AGAT_FAICP		
176.30	176.82	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz)	D70949	176.3	176.82	0.52	0.002	AGAT_FAICP		
176.82	179.30	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone	D70950	176.82	178	1.18	0.002	AGAT_FAICP		Dark grey; fmg; moderately silicified and siliceous; well-developed banded texture defined by compositional layering of QZ-CB stringers and host FGSBI; strong foliation measured at 178.75m with a58 b325; few cm-scale QZ-PEG veinlets cut unit parallel/sub-parallel to foliation; minor 0.5% fmg to lclly vein-hosted mg PY mineralization; sharp lower contact with UMD-LAMPD measured at a38 b300
			D70951	178	179.3	1.3	0.003	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
179.30	182.40	(UMD) UMLAMP Dike, ()	D70953	179.3	180.3	1	0.003	AGAT_FAICP		
		Dark brown; vffg; no sig min or alt; minor vessicular/amygdule texture defined by feint angular to lclly wispy CARB grains entrained in BIO/CB dominated matrix; sharp upper and lower contacts with upper cncnt a23 b300 and lower cncnt a23 b319	D70954	180.3	181.3	1	0.002	AGAT_FAICP		
			D70955	181.3	182.4	1.1	0.002	AGAT_FAICP		
182.40	187.06	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D70956	182.4	183.4	1	0.001	AGAT_FAICP		
		Grey-green; fmg; trace SER alt halos around mm-scale QZ-CB stringers cutting unit generally concordant to moderate-strong foliation measured lclly with a55 b360; minor melted PEGGR veinlets cut unit concordant with overall foliation hosting no significant mineralization or alteration assemblages; 30-35% fmg AMP define intermediate identifier; no significant mineralization; sharp lower contact with FGS at a57 b336	D70957	183.4	184.4	1	0.005	AGAT_FAICP		
			D70959	184.4	185.4	1	0.003	AGAT_FAICP		
			D70960	185.4	186.4	1	0.004	AGAT_FAICP		
			D70961	186.4	187.06	0.66	0.004	AGAT_FAICP		
187.06	189.62	(FGS) Felsic Gneiss Sedimentary, ()	D70962	187.06	188.44	1.38	0.004	AGAT_FAICP		
		Grey to dark grey; fmg; moderately silicified and weakly siliceous; moderate developed banded texture defined by cm-scale QZ-PF veinlets cutting unit generally concordant with overall foliation measured at a50 b336; veins show moderate crenulated texture; minor 0.5% fmg dissem PY min throughout; some veinlets show weak boudinaging along foliation plane; sharp lower contact with AMPIN measured at a60 b360	D70963	188.44	189.62	1.18	0.005	AGAT_FAICP		
189.62	203.37	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D70964	189.62	190.45	0.83	0.003	AGAT_FAICP		
		Grey-green; fmg; minor POT and SER alt halos around mm-cm scale QZ-CB stringers; clotty/salt+peppery texture defined by 2% fg subrounded to rounded PF phenocrysts overprinting foliation; one minor cvcg PEGQG veinlet from 192.57-192.74m; no significant structural features or mineralization; foliation measured at 193.64m with a45 b40; minor cm-scale UMD-LAMPD dyklets cut unit irregularly at random intervals; one large PEGGR from 200.57-200.79m with moderate melt texture; lower contact weak measured at a64 b317	D70965	190.45	190.75	0.3	0.001	AGAT_FAICP		
			D70967	190.75	191.75	1	0.003	AGAT_FAICP		
			D70968	191.75	192.5	0.75	0.004	AGAT_FAICP		
			D70969	192.5	192.8	0.3	0.0005	AGAT_FAICP		
			D70970	192.8	194	1.2	0.002	AGAT_FAICP		
			D70979	199.5	200.5	1	0.001	AGAT_FAICP		
			D70980	200.5	200.8	0.3	0.001	AGAT_FAICP		
			D70981	200.8	202	1.2	0.003	AGAT_FAICP		
			D70982	202	203.37	1.37	0.002	AGAT_FAICP		
			D70971	194	195	1	0.002	AGAT_FAICP		
			D70973	195	196	1	0.003	AGAT_FAICP		
			D70974	196	197	1	0.003	AGAT_FAICP		
			D70975	197	198	1	0.002	AGAT_FAICP		
			D70976	198	199	1	0.003	AGAT_FAICP		
			D70977	199	199.5	0.5	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
203.37	207.06	(FGS) Felsic Gneiss Sedimentary, ()	D70983	203.37	204.37	1	0.001	AGAT_FAICP		
		Grey; fmg; weak-moderate silica overprinting; minor SER and POT alt halos around texture-defining QZ-FSP-CB veinlets; veinlets cut host FGS generally concordant with overall foliation measured lclly at 205.98m with a55 b342; veinlet lithology variable from QZ-dominant to melt-textured PEGGR-type; trace vffg dissem PY throughout; sharp lower contact with AMPIN/FGS interval downhole measured at a64 b346	D70984	204.37	205.37	1	0.009	AGAT_FAICP		
			D70985	205.37	206.37	1	0.0005	AGAT_FAICP		
			D70987	206.37	207.06	0.69	0.001	AGAT_FAICP		
207.06	216.45	(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D70997	214	215	1	0.004	AGAT_FAICP		
		Split 70/30 interval composed of generally massive weakly siliceous (lcl) AMPIN intruded by 30% moderately-foliated grey FGS; several cm-scale PEGGR/QZ-CB veinlets cut both units sub-parallel to slightly-oblique to core axis; largest of veins from 209.92-210.14m composed of PEGQG material hosting 2% patchy cg BIO; lcl veinlets host trace amounts (overall) of sulphide (dominantly PY; lclly PO) mineralization; lcl silica flooding to FGS intervals; lower contact sharp with AMP measured at a35 b315	D70999	215	215.59	0.59	0.002	AGAT_FAICP		
			D71000	215.59	216.45	0.86	0.0005	AGAT_FAICP		
			D70988	207.06	208	0.94	0.003	AGAT_FAICP		
			D70989	208	209	1	0.001	AGAT_FAICP		
			D70990	209	209.9	0.9	0.002	AGAT_FAICP		
			D70991	209.9	210.46	0.56	0.0005	AGAT_FAICP		
			D70993	210.46	210.93	0.47	0.002	AGAT_FAICP		
			D70994	210.93	211.42	0.49	0.0005	AGAT_FAICP		
			D70995	211.42	212.5	1.08	0.003	AGAT_FAICP		
			D70996	212.5	214	1.5	0.0005	AGAT_FAICP		
216.45	222.64	(AMP) Amphibolite, ()	D71007	222	222.64	0.64	0.002	AGAT_FAICP		
		Green; fmg; moderately massive; minor QZ-CB and PEGQG veinlets/stringers cut unit at random intervals/orientations; weak salt+peppery texture defined by subrounded to subhedral PF grains disseminated; lcl patchy weak CL alteration and POT alteration halos around stringers; no sig min; lower contact sees increase in SER and POT alteration around intrusive UMD-LAMPD	D71001	216.45	217.95	1.5	0.002	AGAT_FAICP		
			D71002	217.95	219	1.05	0.003	AGAT_FAICP		
			D71003	219	220.5	1.5	0.001	AGAT_FAICP		
			D71004	220.5	221	0.5	0.001	AGAT_FAICP		
			D71005	221	222	1	0.0005	AGAT_FAICP		
222.64	223.70	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D71008	222.64	223.7	1.06	0.002	AGAT_FAICP		
		Dark brown; vffg; no sig min; large upper contact alteration halo; no lines on core to grab alpha/beta; 70cm of lost core/grind between 223.00-223.70m - Originally logged as OB between 233.0-233.7m; changed to better represent lithology and avoid sampling headache								
223.70	224.46	(UMD) UMLAMP Dike, ()	D71009	223.7	224.46	0.76	0.002	AGAT_FAICP		
		Beige; fmg; strong SER alteration; no sulphide mineralization; sharp lower contact (no lines on core to grab alpha/beta)								

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
224.46	225.11	(FGS, UMD) Felsic Gneiss Sedimentary, UMLAMP Dike, ()	D71010	224.46	225.11	0.65	0.001	AGAT_FAICP		
Pink and beige; composed of strongly POT altered FGS cut by beige SER altered UMD; minor rhodochrosite disseminated lclly; no lines on core to grab alpha/beta of sharp lower contact with AMP										
225.11	227.43	(AMP) Amphibolite, ()	D71011	225.11	225.63	0.52	0.002	AGAT_FAICP		
Dk grey to green; fmg; clotty-textured with very weak lclly developed ppy/dio fabric defined by vfg dissem pot-stained PF grains; strong POT and SER alt banding with minor UMD cutting interval between 225.64-225.82m (no lines on core to grab alpha beta); no significant mineralization; sharp lower contact with PEGQG										
			D71013	225.63	226.13	0.5	0.001	AGAT_FAICP		
			D71014	226.13	227.43	1.3	0.0005	AGAT_FAICP		
227.43	228.07	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D71015	227.43	228.07	0.64	0.0005	AGAT_FAICP		
Pink and grey to smokey/translucent grey; mcg; minor wispy SER alteration and weak patchy POT alt to KF; 70% QZ composes PEGQG interval with 4-5% fcg dissem to to patchy BIO defining weak-mod pegmatitic texture; sharp lower contact with no lines on core to grab alpha/beta										
228.07	241.62	(AMP) Amphibolite, ()	D71016	228.07	229.5	1.43	0.001	AGAT_FAICP		
Green to beige-green; fmg; lcl moderate POT and SER alt banding; weak overall banded texture defined by cm-scale QZ-CB stringers generally concordant to foliation measure lclly at 233.17m with a48 b332; two larger 20-50cm PEG veins cut unit at 234m and 235m (see veining tab) sub-parallel to foliation; bulk of alteration banding occurs from 238m to end of interval; no significant sulphide mineralization										
			D71017	229.5	231	1.5	0.0005	AGAT_FAICP		
			D71019	231	232.5	1.5	0.001	AGAT_FAICP		
			D71020	232.5	234	1.5	0.001	AGAT_FAICP		
			D71021	234	234.3	0.3	0.002	AGAT_FAICP		
			D71022	234.3	234.84	0.54	0.001	AGAT_FAICP		
			D71030	240.8	241.55	0.75	0.0005	AGAT_FAICP		
			D71023	234.84	235.32	0.48	0.0005	AGAT_FAICP		
			D71024	235.32	236.55	1.23	0.0005	AGAT_FAICP		
			D71025	236.55	237.5	0.95	0.001	AGAT_FAICP		
			D71027	237.5	239	1.5	0.001	AGAT_FAICP		
			D71028	239	240	1	0.002	AGAT_FAICP		
			D71029	240	240.8	0.8	0.008	AGAT_FAICP		
241.62	241.76	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D71031	241.55	241.9	0.35	0.0005	AGAT_FAICP		
Dark brown; fg; no sig min or alt; sharp upper and lower contacts measured at a61 b316 and a45 b335										

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
241.76	243.00	(FGS) Felsic Gneiss Sedimentary, (FGSBI) FGS (10-29% BI) above or proximal to gold zone Grey; fmg; weak silicification; 10-12% BIO define unit identifier (FGSBI); lcl cm-scale QZ stringers hosting mg dissem PO min 0.25% overall	D71033	241.9	243	1.1	0.001	AGAT_FAICP		
243.00	243.67	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke Dark brown; fcg; dyke hosts cg subrounded to angular PEGGR xenoliths; sharp lower contact with mderate SER+CL alteration halo measured at a50 b326	D71034	243	243.67	0.67	0.001	AGAT_FAICP		
243.67	244.12	(FGS) Felsic Gneiss Sedimentary, (FGSGB) Variable BI + garnets below the gold zone Grey; fcg; clotty-textured SER and POT altered FGSGB interval sandwiched between intrusive UMD and lower melt-textured PEGGR; no significant features or mineralization; sharp lower contact with PEGGR at a65 b347	D71035	243.67	244.12	0.45	0.047	AGAT_FAICP		
244.12	244.42	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50% quartz) Grey to white; mcg; moderately melt-textured; minor 3-4% patchy BIO defines PGM texture; <30% QZ; no sig min; sharp lower contact at a48 b350	D71036	244.12	244.42	0.3	0.001	AGAT_FAICP		
244.42	247.03	(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, (FGSGB) Variable BI + garnets below the gold zone Grey; fcg; weak-moderate patchy/halo-style SER alt; weakly POB defined by fcg GRT ~2% overall; top of interval sees repetitious intrusions of AMP cutting concordant with weak-moderate foliation at ~a50; minor PEG xenoliths entrained in FGSGB host lclly; no sig min; sharp lower contact with AMP measured at a54 b360	D71037 D71039 D71040	244.42 245 246	245 246 247.03	0.58 1 1.03	0.003 0.001 0.003	AGAT_FAICP AGAT_FAICP AGAT_FAICP		
247.03	253.40	(AMP) Amphibolite, () Dark- to light-green; fmg; trace silicification; weak patchy CL alteration; lcl SER alt bands; 3-5% vfg dissem subrounded to rounded subhedral PF grains throughout interval; moderate-strongly foliated measured lclly at 250.93m with a47 b342; tight F1 fold measured at 248.50m plunging 57 towards 074; weakly POB defined by 2% fcg GRT; few QZ-AMP-BIO-FSP stringers cut unit both con- and dis-cordant with foliation; no significant mineralization	D71041 D71042 D71043 D71044 D71045 D71047 D71048	247.03 247.42 247.72 249 250.5 252 252.5 252.5	247.42 247.72 249 250.5 252 252.5 253.4	0.39 0.3 1.28 1.5 1.5 0.5 0.9	0.0005 0.0005 0.002 0.019 0.003 0.002 0.002	AGAT_FAICP AGAT_FAICP AGAT_FAICP AGAT_FAICP AGAT_FAICP AGAT_FAICP AGAT_FAICP		
253.40	254.13	(PEG) Pegmatite, (PEGGR) Granitic Pegmatite (<50%	D71049	253.4	254.13	0.73	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
quartz)										
Grey to black; fcg; moderately melt-textured; 5% cg patchy AMP from up- and down-hole entrained in vein material; 3% mg dissem to patchy BIO defines mod-strong PGM texture; minor 1% disseminated PF with angular to subrounded habits and anhedral to subhedral grain shapes; no significant mineralization vein-hosted; sharp upper and lower contacts with lower contact measured at a34 b337										
254.13	254.90	(AMP) Amphibolite, ()	D71050	254.13	254.9	0.77	0.001	AGAT_FAICP		
Green; fcg; weak silicification; 20-30% PEGGR/QG veinlets cut unit hosting no sig sulphide mineralization; AMP unit moderately GRT POB towards lower contact defined by 4-5% fcg GRT; lower contact with UMD/AMP interval inferred due to contact occurring over rubbly/broken core; no significant sulphide mineralization AMP-hosted										
254.90	256.02	(UMD, AMP) UMLAMP Dike, Amphibolite, (LAMPD) UMD - Lamprophyre Dyke	D71051	254.9	255.45	0.55	0.002	AGAT_FAICP		
Split 75/25 interval composed of very brittle dark brown UMD with rubbly core on up- and downhole side of contacts with host AMP; 25% POB AMP sandwiched between two larger UMD-LAMPD hosting 4-5% cg POB GRT; no lines on core to grab alpha/betas of UMDs; unoriented alphas grabbed on second UMD between 255.79-256.02m with upper cnct a21 and lower cnct a40										
			D71053	255.45	255.79	0.34	0.002	AGAT_FAICP		
			D71054	255.79	256.1	0.31	0.008	AGAT_FAICP		
256.02	289.77	(AMP) Amphibolite, ()	D71055	256.1	257	0.9	0.002	AGAT_FAICP		
Green to dark green to lclly grey; fcg; minor SER alt halos around stringers but otherwise no significant alteration or deformation observed in interval; several 5-10cm melt-textured PEGGR/QG veinlets cut unit throughout all generally parallel/sub-parallel to moderate-strong foliation measured at ~55dtca throughout (see point structures tab); also 4% med to dk gy qz vns <2cm wd prll to fol between 288 & 288.7; two tight F1 folds measured at 262.87m and again at 275.91m with former plunging 80 towards 062 and latter plunging 45 towards 075; variably POB throughout with 8-10% fine to very-coarse-grained GRT defining overall texture; moderately developed banded texture between 274.7-275.5m; lcl AGR MUSC between 279-280m with 7-8% fmg hosted in this 1m interval; no significant sulphide mineralization observed in both AMP and veinlets cutting unit to 289 then 1% fg py from 289-289.77										
			D71056	257	258	1	0.001	AGAT_FAICP		
			D71057	258	259.5	1.5	0.001	AGAT_FAICP		
			D71059	259.5	260.7	1.2	0.002	AGAT_FAICP		
			D71060	260.7	261.02	0.32	0.0005	AGAT_FAICP		
			D71061	261.02	262.52	1.5	0.002	AGAT_FAICP		
			D71083	284.05	284.4	0.35	0.0005	AGAT_FAICP		
			D71084	284.4	285.84	1.44	0.001	AGAT_FAICP		
			D71085	285.84	286.8	0.96	0.0005	AGAT_FAICP		
			D71087	286.8	287.8	1	0.002	AGAT_FAICP		
			D71088	287.8	288.8	1	0.001	AGAT_FAICP		
			D71089	288.8	289.77	0.97	0.001	AGAT_FAICP		
			D71076	277.86	278.16	0.3	0.001	AGAT_FAICP		
			D71077	278.16	279	0.84	0.005	AGAT_FAICP		
			D71079	279	280	1	0.0005	AGAT_FAICP		
			D71080	280	281.46	1.46	0.0005	AGAT_FAICP		
			D71081	281.46	282.86	1.4	0.001	AGAT_FAICP		
			D71082	282.86	284.05	1.19	0.001	AGAT_FAICP		

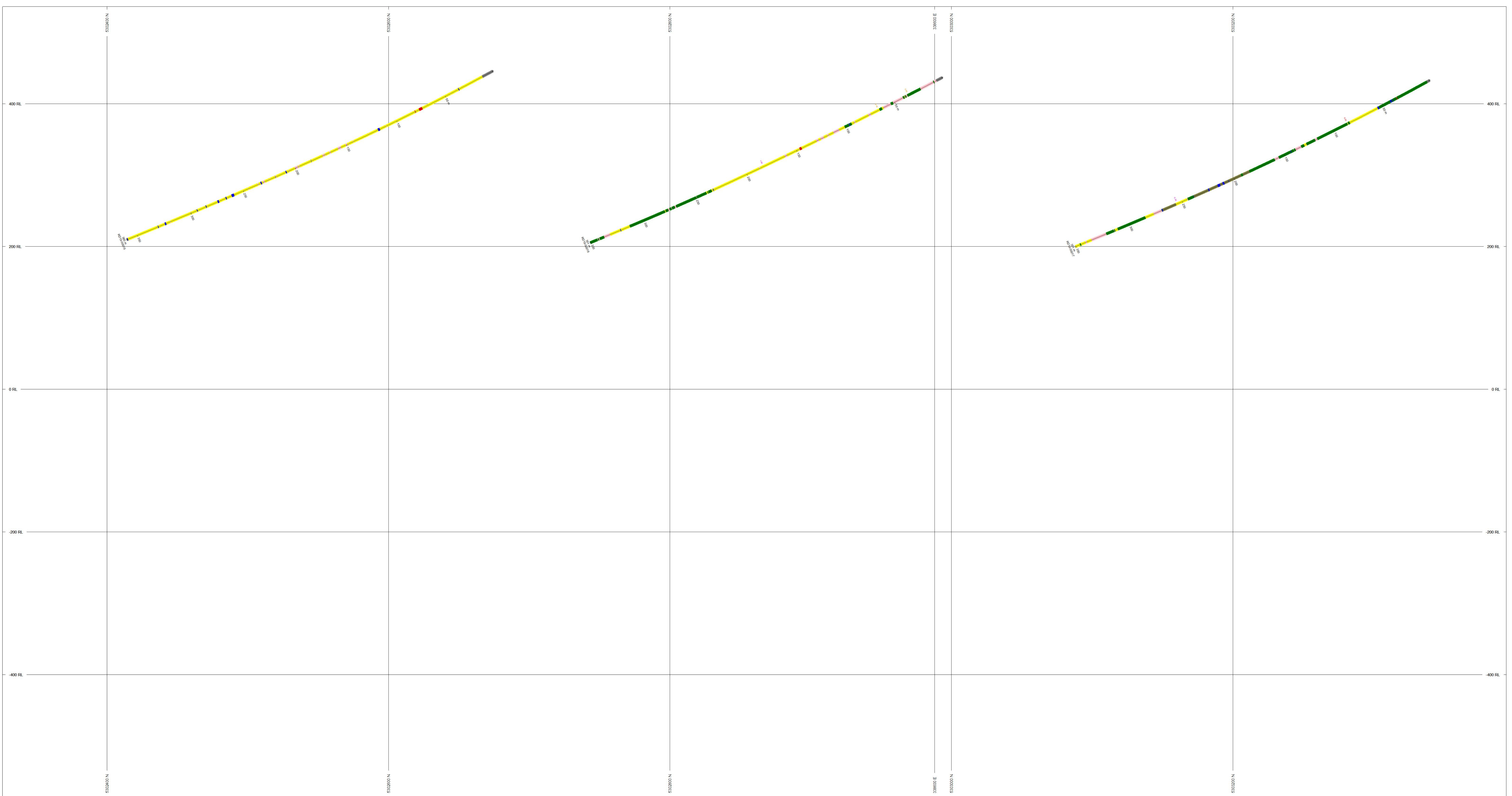
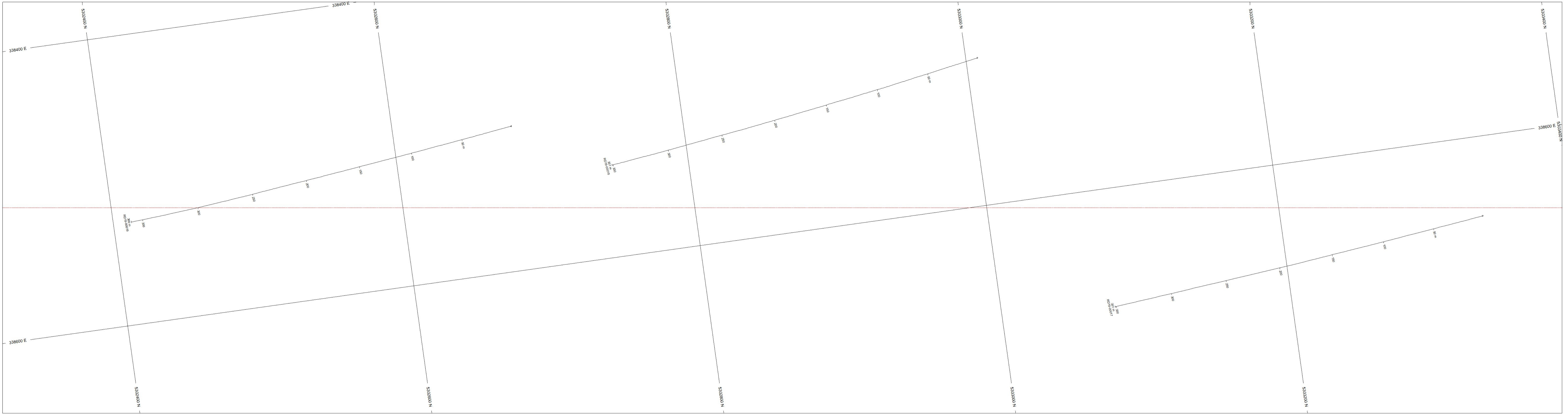
From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D71069	270	271.5	1.5	0.002	AGAT_FAICP		
			D71070	271.5	273	1.5	0.001	AGAT_FAICP		
			D71071	273	274.5	1.5	0.002	AGAT_FAICP		
			D71073	274.5	275.4	0.9	0.005	AGAT_FAICP		
			D71074	275.4	276.9	1.5	0.002	AGAT_FAICP		
			D71075	276.9	277.86	0.96	0.0005	AGAT_FAICP		
			D71062	262.52	264	1.48	0.001	AGAT_FAICP		
			D71063	264	265	1	0.001	AGAT_FAICP		
			D71064	265	266	1	0.001	AGAT_FAICP		
			D71065	266	267	1	0.001	AGAT_FAICP		
			D71067	267	268.5	1.5	0.003	AGAT_FAICP		
			D71068	268.5	270	1.5	0.009	AGAT_FAICP		
289.77	299.23	(AMP) Amphibolite, (AMPIN) Intermediate Amphibolite (50-69% amphibole)	D71090	289.77	290.5	0.73	0.001	AGAT_FAICP		
			D71091	290.5	291.5	1	0.001	AGAT_FAICP		
			D71093	291.5	292.5	1	0.001	AGAT_FAICP		
			D71094	292.5	293.5	1	0.001	AGAT_FAICP		
			D71095	293.5	294.5	1	0.002	AGAT_FAICP		
			D71096	294.5	295.5	1	0.001	AGAT_FAICP		
			D71097	295.5	296.5	1	0.003	AGAT_FAICP		
			D71099	296.5	297.5	1	0.0005	AGAT_FAICP		
			D71100	297.5	298.51	1.01	0.0005	AGAT_FAICP		
			D71101	298.51	299.23	0.72	0.0005	AGAT_FAICP		
299.23	303.77	(PEG, AMP) Pegmatite, Amphibolite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz)	D71102	299.23	300	0.77	0.0005	AGAT_FAICP		
			D71103	300	301	1	0.001	AGAT_FAICP		
			D71104	301	302	1	0.0005	AGAT_FAICP		
			D71105	302	303	1	0.0005	AGAT_FAICP		
			D71107	303	303.77	0.77	0.001	AGAT_FAICP		
303.77	304.45	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D71108	303.77	304.45	0.68	0.001	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
304.45	305.20	(PEG) Pegmatite, (PEGQG) Quartz-rich Granitic Pegmatite (50-90% quartz) PEG: med to dk grey & white w/ 70% qz; grey & minor pink fsp; vns are prll to fol in area & up to 13cm wd surrounded by m-cg am rich bands up to 2.5cm wd; 0.2% py; lower ct 70dtca prll to fol in interval below	D71109	304.45	305.2	0.75	0.005	AGAT_FAICP		
305.20	306.00	(AMP) Amphibolite, () AMP: dark grey green; mod to strong fol 55dtca; 35% am; 0.3% py; weak ser alt as bands	D71110	305.2	306	0.8	0.002	AGAT_FAICP		
306.00	307.68	(FGS, AMP) Felsic Gneiss Sedimentary, Amphibolite, () FGS: medium to light grey; moderate fol 50-60dtca; AMP from 306.38-305.57; overall 15% am; 0.5% py; mod to strong perv si alt w/ 5% qz rich PEG vns also; weak ser & K spar alt as bands & haloes of fractures w/ varying orientations	D71111 D71113	306 307	307 307.68	1 0.68	0.012 0.0005	AGAT_FAICP AGAT_FAICP		
307.68	310.63	(AMP, FGS) Amphibolite, Felsic Gneiss Sedimentary, () AMP: dark grey green; mod to strong fol 60-70dtca; also 40% FGS intervals up to 20cm wd; 20% granitic to qz rich PEG vns up to 14cm wd prll to fol; overall 25% am including cg am; 0.2% py	D71114 D71115 D71116	307.68 308.65 309.65	308.65 309.65 310.63	0.97 1 0.98	0.001 0.001 0.001	AGAT_FAICP AGAT_FAICP AGAT_FAICP		
310.63	318.60	(FGS) Felsic Gneiss Sedimentary, (FGSMU) Muscovite-rich FGS FGS: medium grey w/ increasing amount of pink fsp; 8% qz eyes up to 6mm dia; moderate to strong fol 60-65dtca; 20% qz rich PEG vns up to 12cm wd prll to fol; 4% bi; 3% mu; 10% am; 0.2% py; weak ser alt as perv & haloes of fractures w/ varying orientations; weak k spar alt as fracture haloes; both types of alt increase w/ depth	D71117 D71119 D71120 D71121 D71122 D71123 D71124 D71125	310.63 311.6 312.6 313.6 314.6 315.6 316.6 317.6	311.6 312.6 313.6 314.6 315.6 316.6 317.6 318.6	0.97 1 1 1 1 1 1 1	0.0005 0.001 0.0005 0.006 0.0005 0.003 0.003 0.0005	AGAT_FAICP AGAT_FAICP AGAT_FAICP AGAT_FAICP AGAT_FAICP AGAT_FAICP AGAT_FAICP AGAT_FAICP		
318.60	340.36	(FGG) Felsic Gneiss Granitic, () FGG: medium grey to pink; mod to strong fol 55-65dtca; <1% med to dk grey qz vns w/ k spar up to 5cm wd; 4% bi w/ some decrease in bi content w/ depth; 4% mu; 3% am; 0.2% local py; mod ser alt perv & as bands of stronger alt; strong k spar alt mostly as bands prll to fol & also as haloes of fractures w/ varying orientations; ct w/ above FGS is not sharp; 1cm wd LAMP vn w/ FGS fragments prll to fol from 338.62-338.67	D71127 D71128 D71129 D71130 D71131 D71133	318.6 319.5 320.5 321.5 322.5 323.5	319.5 320.5 321.5 322.5 323.5 324.5	0.9 1 1 1 1 1	0.001 0.0005 0.0005 0.001 0.0005 0.0005	AGAT_FAICP AGAT_FAICP AGAT_FAICP AGAT_FAICP AGAT_FAICP AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
			D71148	336.5	337.5	1	0.0005	AGAT_FAICP		
			D71149	337.5	338.5	1	0.0005	AGAT_FAICP		
			D71150	338.5	339.5	1	0.003	AGAT_FAICP		
			D71151	339.5	340.36	0.86	0.001	AGAT_FAICP		
			D71141	330.5	331.5	1	0.0005	AGAT_FAICP		
			D71142	331.5	332.5	1	0.0005	AGAT_FAICP		
			D71143	332.5	333.5	1	0.0005	AGAT_FAICP		
			D71144	333.5	334.5	1	0.0005	AGAT_FAICP		
			D71145	334.5	335.5	1	0.001	AGAT_FAICP		
			D71147	335.5	336.5	1	0.001	AGAT_FAICP		
			D71134	324.5	325.5	1	0.0005	AGAT_FAICP		
			D71135	325.5	326.5	1	0.003	AGAT_FAICP		
			D71136	326.5	327.5	1	0.0005	AGAT_FAICP		
			D71137	327.5	328.5	1	0.001	AGAT_FAICP		
			D71139	328.5	329.5	1	0.0005	AGAT_FAICP		
			D71140	329.5	330.5	1	0.003	AGAT_FAICP		
340.36	342.23	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D71153	340.36	341.3	0.94	0.002	AGAT_FAICP		
		LAMP: dark brown; 8% xenoliths up to 3mm dia; 3% magnetite; 0.3% py; 15cm wd sliver of moderatley brecciated FGG from 341.7 to 341.92 w/ ct's 30/60dtca; ct's 22/28dtca oblique to fol in surrounding intervals	D71154	341.3	342.23	0.93	0.001	AGAT_FAICP		
342.23	349.86	(FGG) Felsic Gneiss Granitic, ()	D71155	342.23	343	0.77	0.001	AGAT_FAICP		
		FGG: medium brownish grey to pink; weak to moderate foliation 55-60dtca; 5% qz eyes up to 4mm dia; one 15cm wd qz rich PEG vn prll to fol; 4% bi; 4% mu; 8% am; low sulphide min content; moderate ser alt as bands & haloes of fractures w/ varying orientations; moderate to strong perv k spar alt as bands & fracture haloes w/ k spar alt increasing w/ depth	D71156	343	344	1	0.0005	AGAT_FAICP		
			D71157	344	345	1	0.0005	AGAT_FAICP		
			D71159	345	346	1	0.003	AGAT_FAICP		
			D71160	346	347	1	0.001	AGAT_FAICP		
			D71161	347	348	1	0.0005	AGAT_FAICP		
			D71162	348	349	1	0.002	AGAT_FAICP		
			D71163	349	349.86	0.86	0.0005	AGAT_FAICP		
349.86	351.09	(UMD) UMLAMP Dike, (LAMPD) UMD - Lamprophyre Dyke	D71164	349.86	350.5	0.64	0.002	AGAT_FAICP		
		LAMP: dark brown; 5% xenoliths up to 2mm dia; 3% magnetite; 0.3% py; sharp but irregular upper ct; lower ct 25dtca oblique to fol in interval below	D71165	350.5	351.09	0.59	0.002	AGAT_FAICP		

From (m)	To (m)	Lithological unit	SampleID	From (m)	To (m)	Length (m)	Au (gpt)	Name	V.G.	Comments
351.09	354.00	(FGG) Felsic Gneiss Granitic, ()	D71167	351.09	352	0.91	0.002	AGAT_FAICP		
FGG: mostly pink w/ some beige areas; weak foliation 55-65dtca; weakly brecciated; 5% qz eyes up to 3mm dia; 3% mu; 1% am; low sulphide min content; strong perv k spar alt & mod perv ser alt; 2 irregularly shaped LAMP bodies from 351.42-351.52 & 351.63-351.72: 7 & 6cm wd resp. EOH=354m			D71168	352	353	1	0.0005	AGAT_FAICP		
			D71169	353	354	1	0.0005	AGAT_FAICP		EOH

Appendix 3. Drill hole cross sections

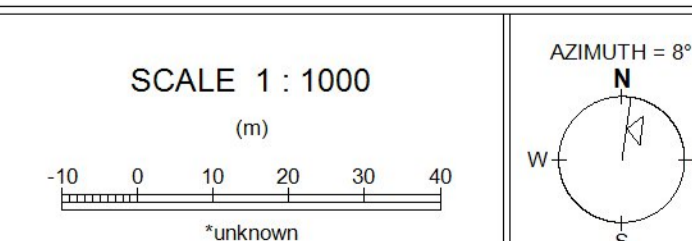


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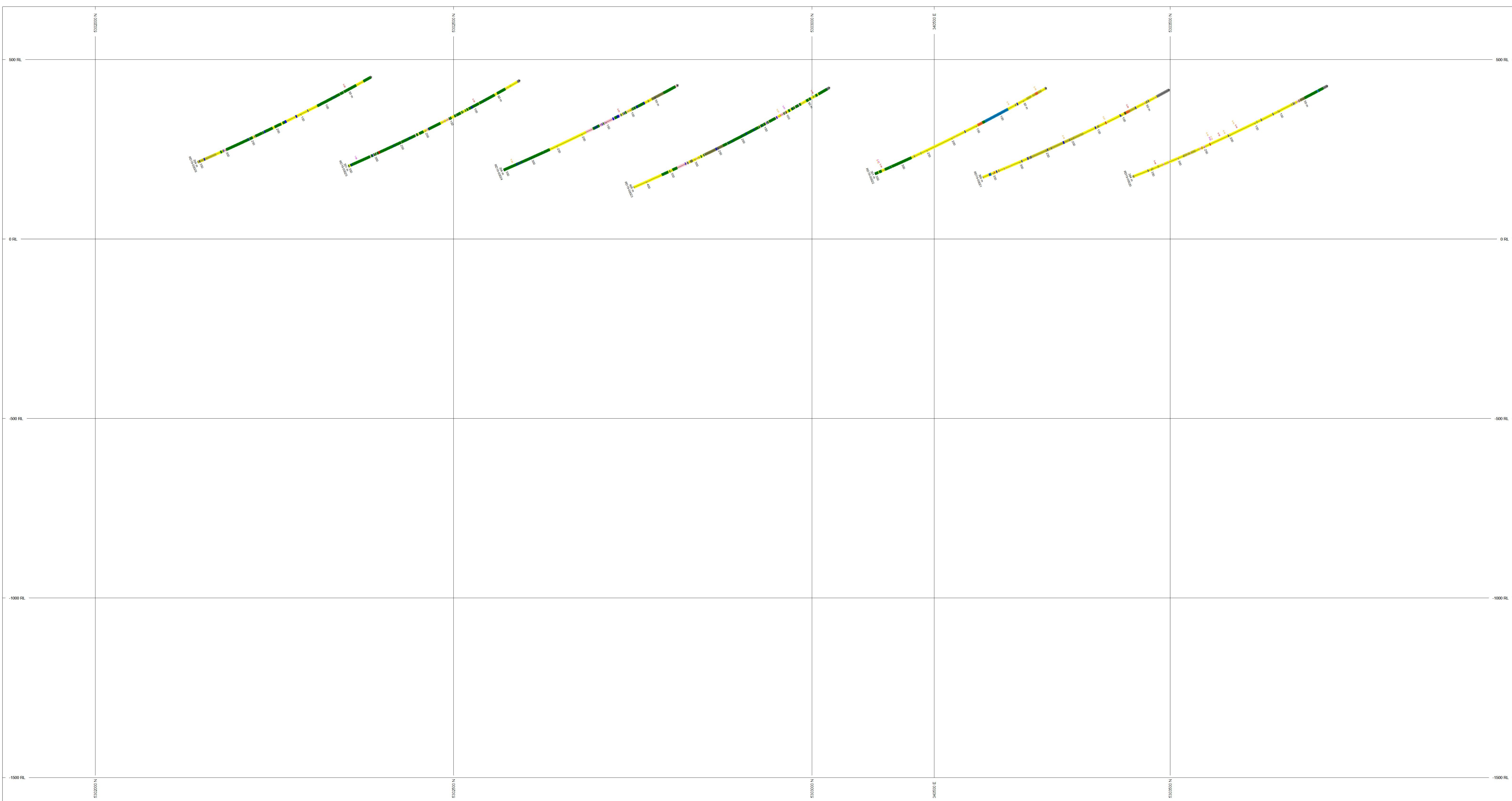
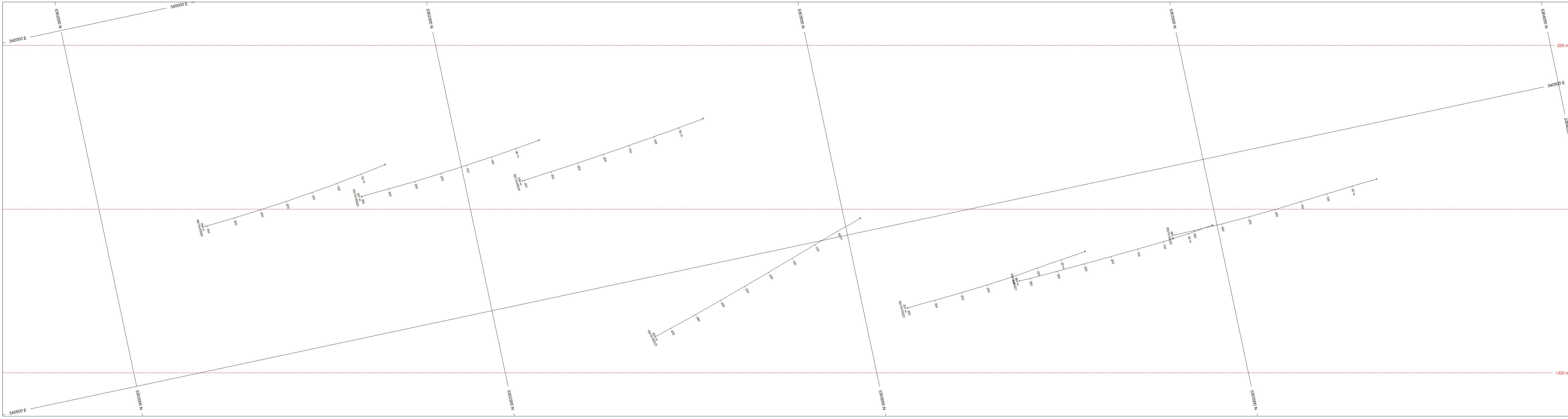
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		Amphibolite	Amphibolite
		Felsic Gneiss Conglomerate	Felsic Gneiss Conglomerate
		Felsic Gneiss	Felsic Gneiss
		Felsic Gneiss Sedimentary	Felsic Gneiss Sedimentary
		Overthrust	Overthrust
		Pegmatite	Pegmatite
		Quartz Vein	Quartz Vein
		Ultramafic Dike	Ultramafic Dike

VALUES	LR	COL	RANGE
Au_ppm	L		0.007
			0.2175
			0.004
			0.046
			0.025
			0.013
			0.000

SECTION SPECS:
REF. PT. E. N. 338500 m 5302000 m
EXTENTS 1039 m 1112 m
SECTION TOP. BOT. 536.2 m -575.6 m
TOLERANCE +/- 175 m
VERTICAL EXAG. 0.0291



Newmont
Borden Gold
Roswell Line 1
Width: 350M Azm: 8 Deg

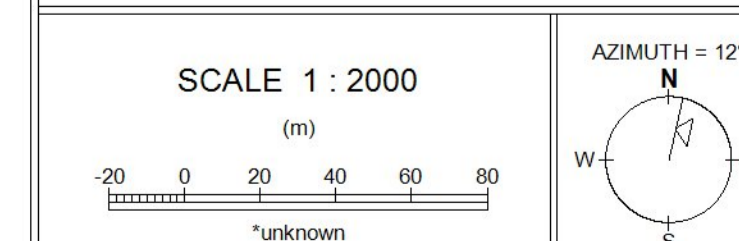


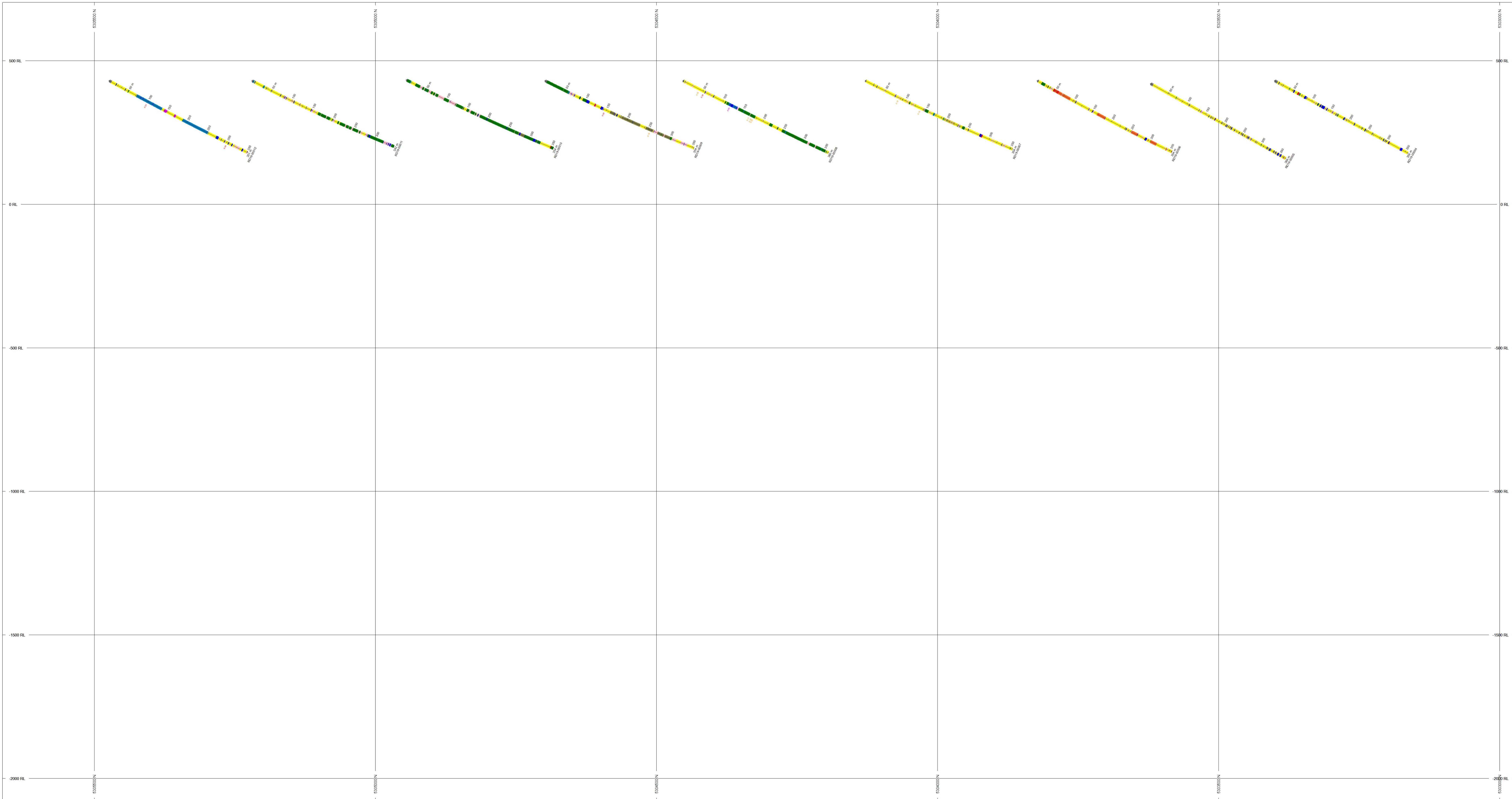
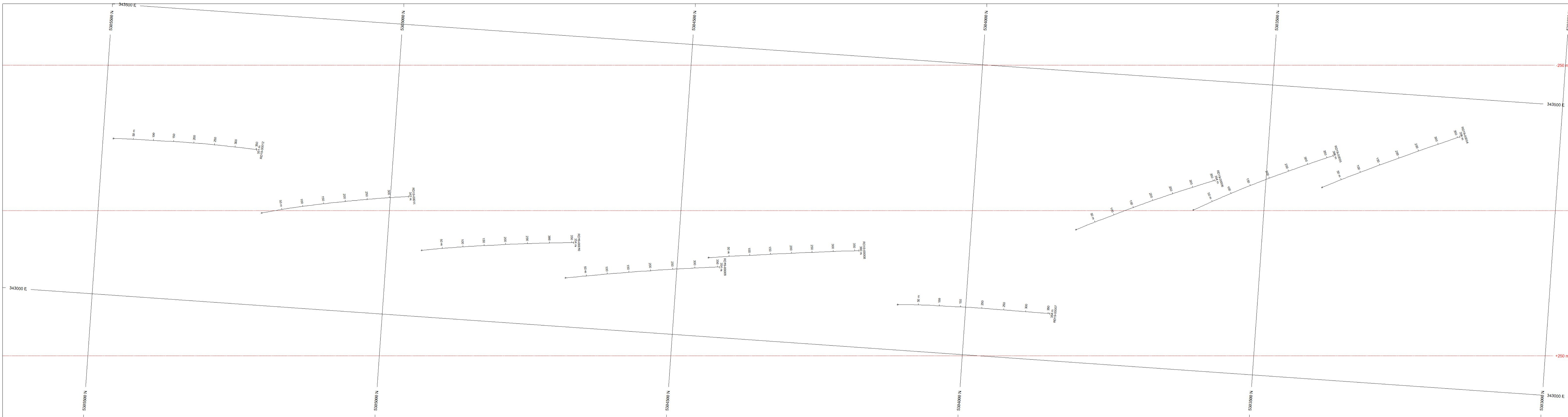
TOPOGRAPHY
DEM SURFACE_TILES_3265000_@337510_202.dwg

ROCK CODES	PAT.	LABEL	DESCRIPTION
L1#1	Amphibolite	Amphibolite	Amphibolite
	Dabase Dike	Dabase Dike	Dabase Dike
	Felsic Gneiss Conglomerate	Felsic Gneiss Conglomerate	Felsic Gneiss Conglomerate
	Felsic Gneiss Granitic	Felsic Gneiss Granitic	Felsic Gneiss Granitic
	Felsic Gneiss Sedimentary	Felsic Gneiss Sedimentary	Felsic Gneiss Sedimentary
	Granite Biotite Felsic Gneiss	Granite Biotite Felsic Gneiss	Granite Biotite Felsic Gneiss
	Granite Biotite Felsic Gneiss	Granite Biotite Felsic Gneiss	Granite Biotite Felsic Gneiss
	Orthogneiss	Orthogneiss	Orthogneiss
	Pegmatite	Pegmatite	Pegmatite
	Quartz Vein	Quartz Vein	Quartz Vein
	Ultramafic Dike	Ultramafic Dike	Ultramafic Dike

VALUES	LR	COL	RANGE
Au_ppm	L		0.007
			0.2175
			0.004
			0.046
			0.025
			0.013
			0.006

SECTION SPECS:
REF. PT. E. N. 34048 m 53020 m
EXTENTS 218 m 228 m
SECTION TOP BOT 647.4 m -1570 m
TOLERANCE +/- 225 m
VERTICAL EXAG. 0.0021



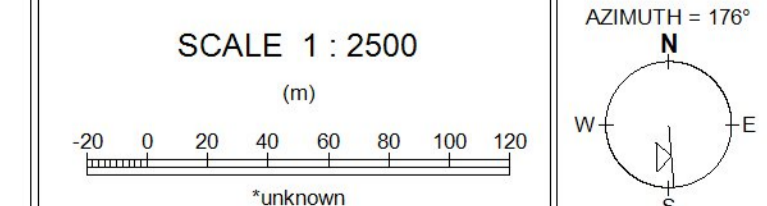


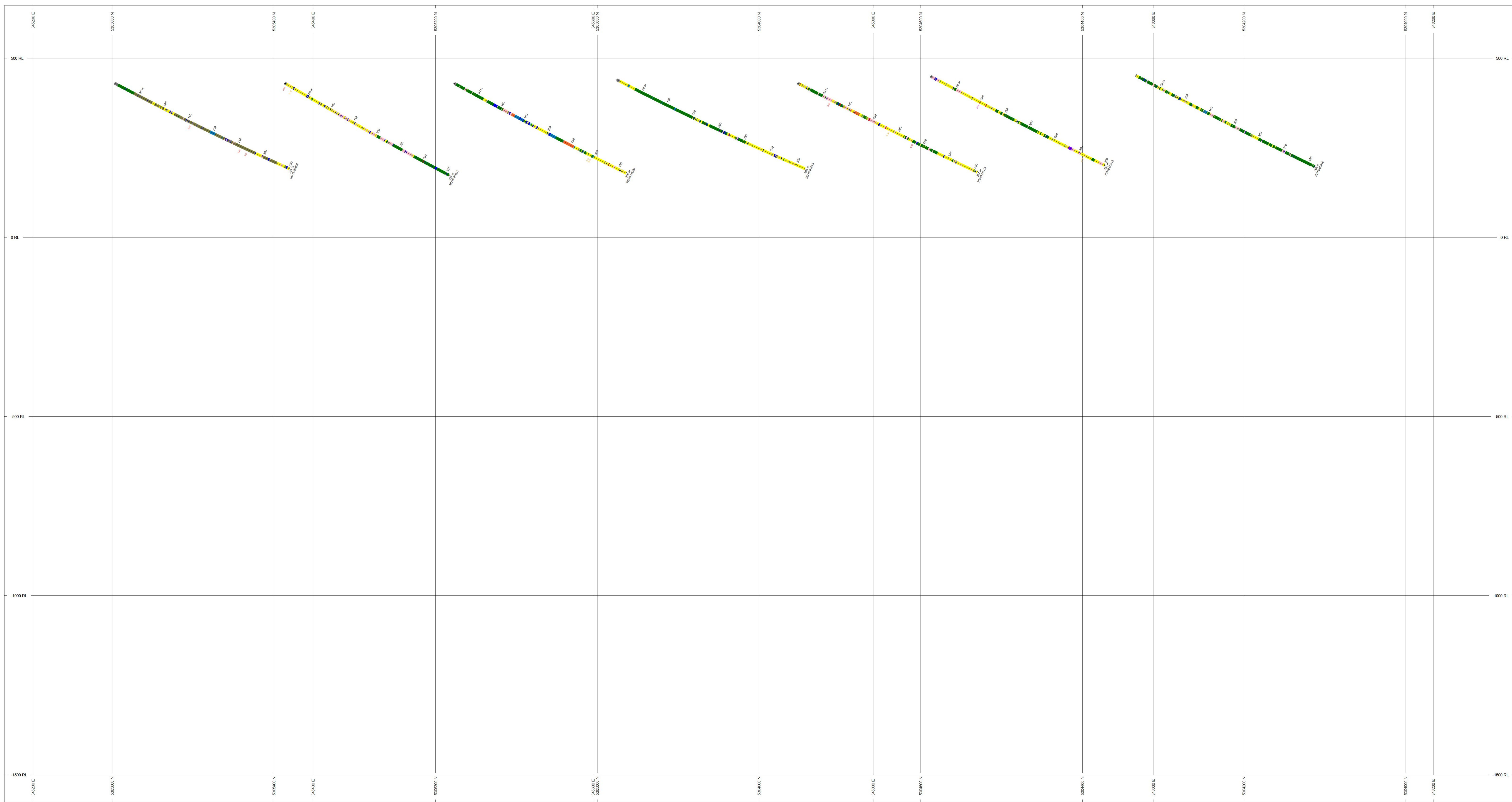
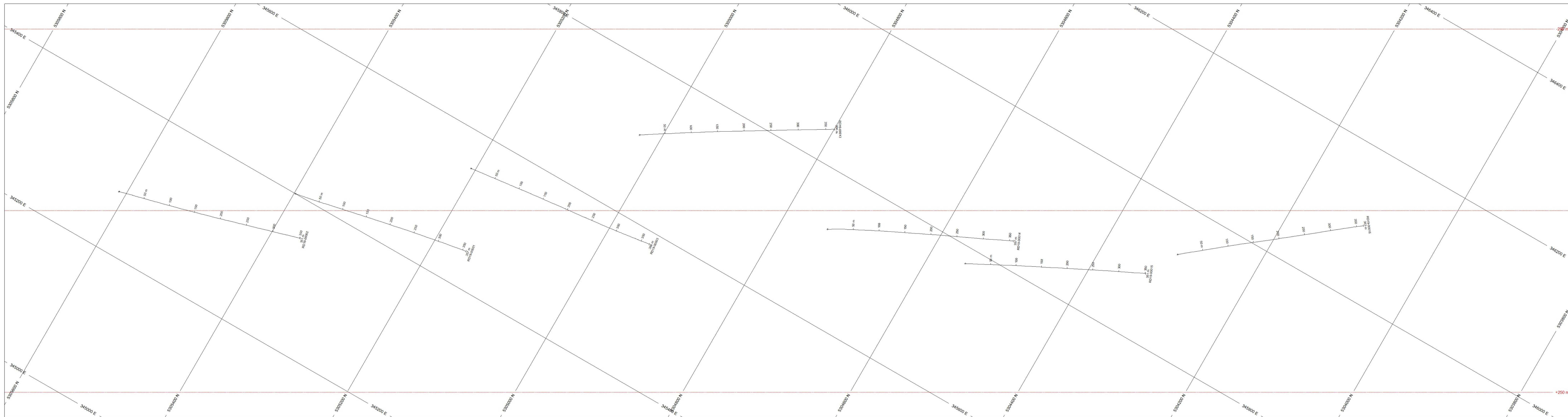
TOPOGRAPHY
DEM SURFACE_TILES 2255300_@337510 2D2.dem

ROCK CODES	PAT	LABEL	DESCRIPTION
LIB1		Amphibolite	Amphibolite
		Dioritic Dike	Dioritic Dike
		Diorite	Diorite
		Felsic Gneiss Conglomerate	Felsic Gneiss Conglomerate
		Felsic Gneiss Granitic	Felsic Gneiss Granitic
		Felsic Gneiss Sedimentary	Felsic Gneiss Sedimentary
		Garnet Biotite Felsic Gneiss	Garnet Biotite Felsic Gneiss
		Mottled Amphibolite	Mottled Amphibolite
		Overburden	Overburden
		Pyroxenite	Pyroxenite
		Quartz Feldspar Porphyry	Quartz Feldspar Porphyry
		Quartz Vein	Quartz Vein
		Ultramafic Dike	Ultramafic Dike
		UM	UM

VALUES	LIR	COL	RANGE
Al_ppm	L		0.607
			0.2175
			0.094
			0.045
			0.025
			0.015
			0.006

SECTION SPECS:
REF_PT E.N 34326 m 530415 m
EXTENTS 268 m - 273 m
SECTION TOP BOT 702.9 m -2076 m
TOLERANCE +/- 250 m
VERTICAL EXAG 0.5021



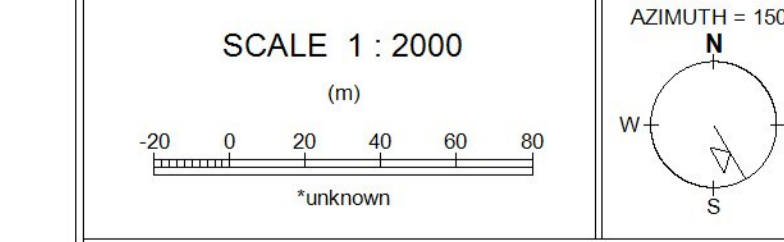


TOPOGRAPHY
DEM SURFACE_TILES 355200 @337510 202.dem

ROCK CODES	PAT	LABEL	DESCRIPTION
Amphibolite		Amphibolite	Amphibolite
Amphibolite Felsic Gneiss		Amphibolite Felsic Gneiss	Amphibolite Felsic Gneiss
Diorite Dike		Diorite Dike	Diorite Dike
Diorite		Diorite	Diorite
Felsic Gneiss Conglomerate		Felsic Gneiss Conglomerate	Felsic Gneiss Conglomerate
Felsic Gneiss		Felsic Gneiss	Felsic Gneiss
Felsic Gneiss Granitic		Felsic Gneiss Granitic	Felsic Gneiss Granitic
Felsic Gneiss Sedimentary		Felsic Gneiss Sedimentary	Felsic Gneiss Sedimentary
Garnet Biotite Felsic Gneiss		Garnet Biotite Felsic Gneiss	Garnet Biotite Felsic Gneiss
Mottled Amphibolite		Mottled Amphibolite	Mottled Amphibolite
Overburden		Overburden	Overburden
Pyroxenite		Pyroxenite	Pyroxenite
Quartz Vein		Quartz Vein	Quartz Vein
Ultramafic Dike		Ultramafic Dike	Ultramafic Dike
UM		UM	UM

VALUES	LR	COL	RANGE
Au_ppm			
			0.007
			0.2175
			0.064
			0.046
			0.025
			0.013
			0.006

SECTION SPECS:
REF_PT E,N 34579 m 5304799 m
EXTENTS 2158 m 2224 m
SECTION TOP BOT 647.4 m -1570 m
TOLERANCE +/- 200 m
VERTICAL EXAG 0.5021



Appendix 4. Assay Certificates